

BEFORE THE NATIONAL GREEN TRIBUNAL
SOUTHERN ZONE, CHENNAI

ORIGINAL APPLICATION No. 97 OF 2021 (SZ)

IN THE MATTER OF:

Ravula Lingaswamy,
Yadadri Bhuvanagiri District and Ors. Applicant(s)

Versus

Union of India,
rep by its Secretary,
MoEF, New Delhi & Ors. Respondent(s)

REPORT OF THE TELANGANA STATE POLLUTION CONTROL BOARD (R3)

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Place: Hyderabad.
Date: 06-10-2023.

T. Jayashankar

Counsel for Respondent No. 3

**REPORT DATED 04-10-2023 OF TELANGANA STATE POLLUTION CONTROL BOARD
IN OA No.97 OF 2021 FILED BY SRI RAVULA LINGA SWAMY, S/o.YADAIHAH &
OTHERS OF ANTHAMMAGUDEM VILLAGE, POCHAMPALLY MANDAL, YADADRI
BHUVANAGIRI DISTRICT.**

It is to submit that Sri. Ravula Lingaswamy, R/o.Yadadri Bhuvanagiri District & others has filed an OA No. 97 of 2021 before the Hon'ble NGT, Chennai on pollution due to M/s. Hazelo Labs (P) Ltd., Anthammagudem (V), Yadadri District.

The Hon'ble NGT, Chennai vide Order dated 24.08.2023 directed the following:

"It is stated that pursuant to the order of the Hon'ble High Court which has remitted the matter to the Telangana State Pollution Control Board, fresh notice and enquiry is to be conducted and accordingly, the learned counsel seeks further time. Let the matter be listed for completion of the said exercise".

In this regard, following is submitted:

1. Earlier, the Hon'ble National Green Tribunal (NGT), Southern Zone, Chennai vide Order dated 03.03.2022 directed the CPCB, RD, Chennai to inspect M/s. Hazelo Labs Pvt Ltd., Dothigudem (V), Pochampally (M), Yadadri-Bhuvanagiri District and submit a factual as well as an Action Taken Report to the Tribunal (**Annexure – I**).
2. Accordingly, the team from CPCB, Chennai inspected the area during March 23-24, 2022 and collected samples from ETP, ground water & soil samples in & around the unit, ambient air and VOCs from the source as well as fugitive. The CPCB, RD, Chennai submitted its report dt.24.08.2023 before the Hon'ble NGT on 01.09.2022. **As per the report, the team from CPCB, Chennai found that M/s. Hazelo Labs and other adjacent pharmaceutical industries have discharged their untreated / partially treated effluent on land as well as contributing to VOC emission in Ambient Air.**
3. The Hon'ble NGT vide Order dated 31.10.2022 issued directions to the Board to implement the directions given by CPCB and also assess the compensation for the alleged deliberate violations found in the CPCB report (**Annexure – II**).
4. Accordingly, the Respondent Board vide orders dt. 20.06.2023 & 21.06.2023 issued orders to the 8 Nos of Industries levying Environmental Compensation (EC).

5. The above 8 industries have filed Writ Petitions before Hon'ble High Court of Telangana praying the Hon'ble High Court to declare the orders issued by the Respondent Board directing the petitioner industries to deposit an amount towards Environmental Compensation without giving any notice as arbitrary and irregular, contrary to law, without power and jurisdiction and set aside the same. The details of WP Nos are as submitted below:

S.No.	Name and address of the industry	WP. No
1.	M/s. Hazelo Lab Private Limited, (Formerly M/s. Venlar Labs (P) Ltd), Dhotigudem (V), Pochampally (M), Yadadri Bhuvangiri District.	20623 of 2023
2.	M/s. Ravoos Laboratories Limited (Formerly M/s. Silicon Drugs & Intermediates (P) Ltd.), Sy. No. 210, Dhotigudem (V), Pochampally (M), Yadadri Bhuvanagiri District.	18057 of 2023
3.	M/s. VJ Sai Chem., Sy.No.240/B, Dhotigudem (V), Pochampally (M), Yadadri Bhuvanagiri District.	18088 of 2023
4.	M/s. SVR Laboratories (P) Ltd., Sy.No. 238 (part), 239/A, 239/E, Dhotigudem (V), Pochampally (M), Yadadri Bhuvanagiri District.	18108 of 2023
5.	M/s. Chemic Life Sciences (P) Ltd., Sy No. 238 & 239, Dhotigudem (V), Pochampally (M), Yadadri Bhuvanagiri District.	19239 of 2023
6.	M/s. Archimedis Laboratories (P) Ltd., Sy.No. 238, Dhotigudem (V), Pochampally (M), Yadadri Bhuvanagiri District.	18213 of 2023
7.	M/s. Optimus Drugs (P) Ltd. Sy.No. 238, 239, 240 & 248, Dhotigudem (V), Pochampally (M), Yadadri Bhuvanagiri District.	17179 of 2023
8.	M/s. Brundavan Laboratories (P) Ltd., Yellagiri (V), Choutuppal (M), Yadadri Bhavangiri District.	19039 of 2023

6. The Hon'ble High Court vide orders dt.08.08.2023 quashed and set aside the orders issued by the Board levying Environmental Compensation and matter is remitted to

the Respondent Board with a direction to afford an opportunity of hearing to the above industries at Sl.No. 2 to 8 (**Annexure – III**)

7. The Hon'ble High Court vide order dt.07.08.2023 disposed the WP No.20623 of 2023 **filed by the industry at Sl. No. 1 i.e., M/s Hazelo labs (Respondent industry)** with following directions (**Annexure – IV**):

".....Therefore, we are not inclined to entertain this writ petition. However, the petitioner is granted the liberty to take recourse to the remedy of statutory appeal available to him. Needless to state that in case the petitioner files an appeal within a period of two weeks, the National Green Tribunal shall entertain the appeal preferred by the petitioner. Writ petition is accordingly disposed of".

8. Accordingly, as per orders of the Hon'ble High Court, the Respondent Board called the seven (7) industries at Sl.No. 2 to 8 before the Task Force Committee meeting held on 28.08.2023, comprising of External Expert Members, for reviewing the industries and taking necessary action regarding levy of Environmental Compensation. After detailed discussions, the Committee recommended to issue directions/Extension of temporary revocation of Closure orders for a period up to 31.10.2023 stipulating certain directions to the industries including directions for payment of Environmental Compensation and also recommended to forfeit the Bank Guarantees for certain industries. Subsequently, the Board also reviewed the status of compliance of the industry at Sl.No.1 before the Task Force Committee meeting held on 28.08.2023 and issued directions, including payment of Environmental Compensation.

9. Based on the recommendations of the Task Force Committee, the respondent Board vide orders Dt.13.09.2023 again issued fresh directions to industries levying Environmental Compensation (EC) and forfeiture of Bank Guarantee for certain industries. The details are submitted below:

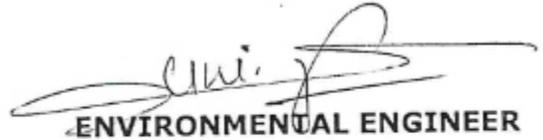
S.No.	Name and address of the industry	Environmental Compensation (EC) levied. (Rs)
1.	M/s. Hazelo Lab Private Limited, (Formerly M/s. Venlar Labs (P) Ltd), Dhotigudem (V), Pochampally (M),	77,70,000/- & Forfeiture of Bank Guarantee of

	Yadadri Bhuvangiri District. (Annexure – V)	Rs. 24.0 Lakhs.
2.	M/s. Ravoos Laboratories Limited (Formerly M/s. Silicon Drugs & Intermediates (P) Ltd.), Sy. No. 210, Dothigudem (V), Pochampally (M), Yadadri Bhuvanagiri District. (Annexure – VI)	50,40,000/- & Forfeiture of Bank Guarantee of Rs. 12.0 Lakhs.
3.	M/s. VJ Sai Chem., Sy.No.240/B, Dothigudem (V), Pochampally (M), Yadadri Bhuvanagiri District. (Annexure – VII)	22,40,000/-
4.	M/s. SVR Laboratories (P) Ltd., Sy.No. 238 (part), 239/A, 239/E, Dothigudem (V), Pochampally (M), Yadadri Bhuvanagiri District. (Annexure – VIII)	44,80,000/-
5.	M/s. Chemic Life Sciences (P) Ltd., Sy No. 238 & 239, Dhotigudem (V), Pochampally (M), Yadadri Bhuvanagiri District. (Annexure – IX)	44,80,000/- & Forfeiture of Bank Guarantee of Rs. 12.0 Lakhs.
6.	M/s. Archimedis Laboratories (P) Ltd., Sy.No. 238, Dothigudem (V), Pochampally (M), Yadadri Bhuvanagiri District. (Annexure – X)	51,80,000/- & Forfeiture of Bank Guarantee of Rs. 12.0 Lakhs.
7.	M/s. Optimus Drugs (P) Ltd. Sy.No. 238, 239, 240 & 248, Dhothigudem (V), Pochampally (M), Yadadri Bhuvanagiri District. (Annexure – XI)	77,70,000/-
8.	M/s. Brundavan Laboratories (P) Ltd., Yellagiri (V), Choutuppal (M), Yadadri Bhuvanagiri District. (Annexure – XII)	45,00,000/- & Forfeiture of Bank Guarantee of Rs. 24.0 Lakhs.

In compliance to the Hon'ble High Court Orders, the Respondent Board afford an opportunity of hearing to the industries and issued fresh directions to the Respondent industries levying Environmental Compensation (EC). The Respondent Board will take necessary action to collect the levied Environmental Compensation and forfeiture the Bank Guarantees.

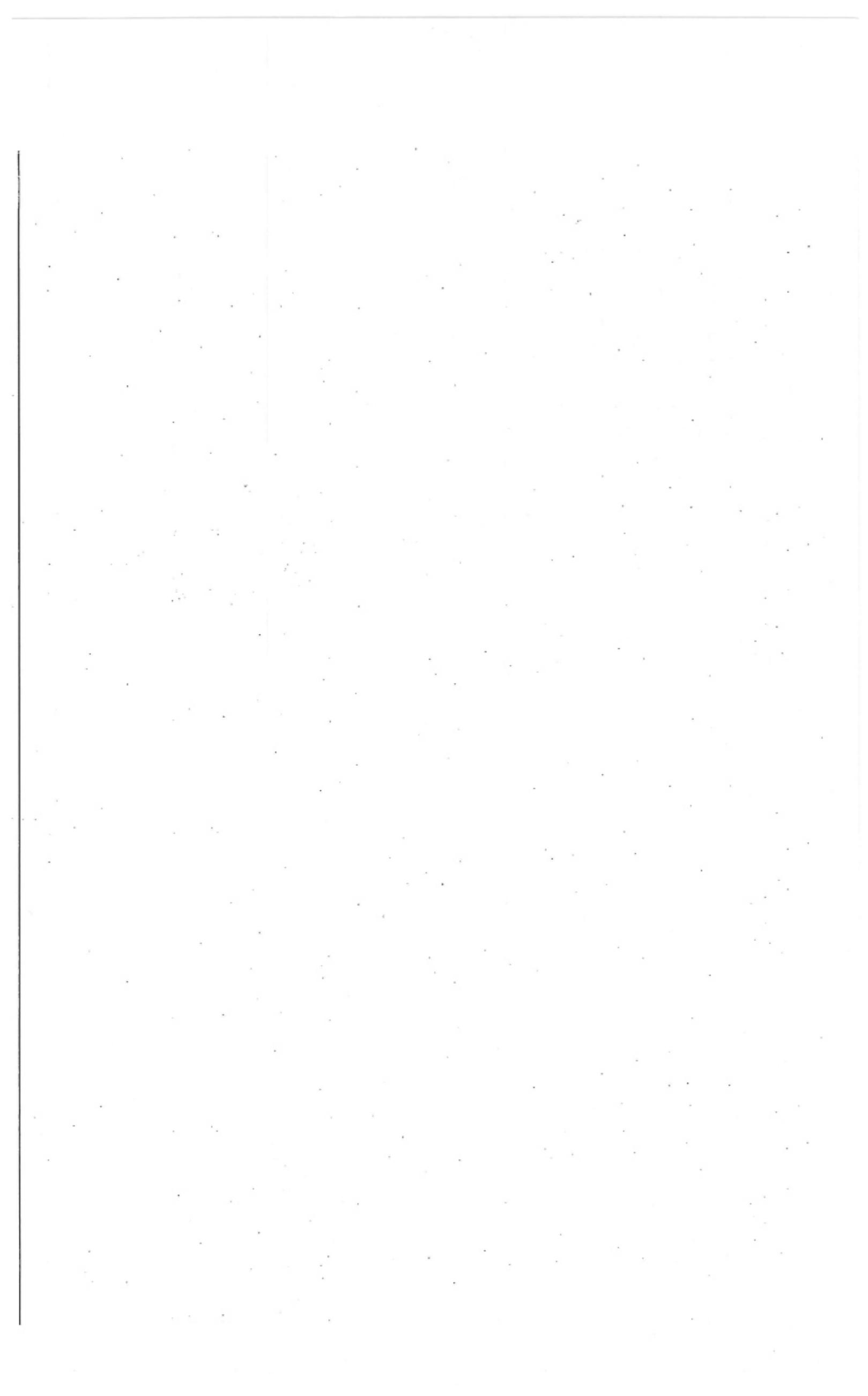
Place: Nalgonda

Date: 04-10-2023



ENVIRONMENTAL ENGINEER

ENVIRONMENTAL ENGINEER
T.S. Pollution Control Board,
Regional Office, Nalgonda.



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Item No.10:

Annexure-I

BEFORE THE NATIONAL GREEN TRIBUNAL
SOUTHERN ZONE, CHENNAI

Original Application No. 97 of 2021 (SZ)

(Through Video Conference)

IN THE MATTER OF:

Ravula Lingaswamy, Yadadri
Bhuvanagiri District and 3 Ors.

...Applicant(s)

Versus

Union of India,
Rep. By its Secretary, MoEF,
New Delhi & Ors.

...Respondent(s)

Date of hearing: 03.03.2022.

CORAM:

HON'BLE Mr. JUSTICE K. RAMAKRISHNAN, JUDICIAL MEMBER

HON'BLE Dr. SATYAGOPAL KORLAPATI, EXPERT MEMBER

For Applicant(s):

Mr. Sravan Kumar.

For Respondent(s):

Mr. Meyyappan represented
Mrs. Me. Saraswathy for R1.
Mrs. H. Yasmeen Ali for R2, R4 & R5.
Mr. T. Saikrishnan through
Ms. J. Dayana for R3.
Mr. K.S. Viswanathan for R6.

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ORDER

1. As per order dated 27.08.2021, this Tribunal had considered the report submitted by the Environmental Engineer, Telangana State Pollution Control Board dated 24.06.2021 and extracted in Para (3) of the order and then, passed the following order:-

"4. The learned counsel appearing for the applicant submitted that the report is not reflecting the real aspects and in fact, it is very difficult to stand near the factory premises due to the odour pollution that is emanating from the effluents discharged from the unit.

5. Further, the learned counsel submitted that still the soil quality has not been improved. Though the State Pollution Control Board had taken water samples from the bore well in agricultural lands of Sri Ram Reddy wherein, it was mentioned that it confirms the drinking water specifications except the Total Hardness as CaCO₃ is exceeding the standards, they have not taken the samples from the inlet and outlet of the treatment plant said to have been installed by the 6th respondent unit so as to ascertain as to whether the inlet and outlet norms are being in conformity with the standard provided.

6. Further, it is also not clear from the report as to whether the ZLD system is operational throughout so as to ascertain whether there is any possibility of untreated discharges are being done by the unit into the agricultural fields. They have also not taken samples from the nearby bore wells and water bodies so as to ascertain the water quality in those areas. It is also not known whether the ZLD system has been bypassed and untreated effluents discharged into water bodies.

7. The learned counsel appearing for the 6th respondent submitted that closure orders have been revoked on satisfaction of the Pollution Control Board with compliance of the directions issued by them by the 6th respondent.

8. Instead of calling for a report from the supervisory body i.e. Central Pollution Control Board, we feel it appropriate to direct the High Level Expert Committee of the Telangana State Pollution Control Board itself to inspect the area in question and submit a further report on the basis of the allegations made in the application as well as the observation made by this Tribunal, so that the apprehension of the applicant regarding the alleged pollution that is being caused on account of the operation of the 6th respondent unit can be considered in its entirety.

9. It is also seen from the report that during short period there was a closure, but the unit was functioning. It was not mentioned in the report as to whether any environmental compensation or compensation for violation has been imposed by the State Pollution Control Board in this regard.

10. This aspect also can be considered by the High Level Expert Committee while submitting the report to this Tribunal. The said committee is directed to ascertain as to whether the ZLD is operational continuously without bypassing the ZLD system, whether the Online Continuous Emission/Effluent Monitoring System (OCEMS) is functioning properly and if there is any defect in the system, is there any provision for stopping the production of the unit and if not, what are the measures to be taken for that purpose as has been done by the Telangana State Pollution Control Board in similar issue in Tandur Citizens Welfare Association's case (O.A. No.195 of 2016) in respect of cement factories where interlocking system has been installed.

11. The said committee is directed to submit the report to this Tribunal on or before 22.09.2021 by e-filing in the form of Searchable PDF/OCR Supportable PDF and not in the form of Image PDF along with necessary hardcopies to be produced as per Rules.

12. The applicant is at liberty to file his objection to the committee report and also submit a copy of the same to the High Level Expert Committee as well, so that they can also consider those things before filing the report before this Tribunal.

13. The Registry is directed to communicate this order to the Chairman, Telangana State Pollution Control for giving necessary direction to the High Level Expert Committee functioning under the Telangana State Pollution Control Board to comply with the directions issued by this Tribunal."

2. The case was originally posted to 22.09.2021 for completion of pleadings, filing objections (if any) to the report and also for consideration of further report.
3. Thereafter, since no reports have been filed, the matter has been adjourned from time to time by successive notifications and lastly, it was adjourned to today by notification dated 02.02.2022.

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4. We have received the memo dated 01.02.2022 submitted by the Telangana State Pollution Control Board stating that the High Level Committee was constituted by the Board during September 2011 with limited scope and role of recommending suitable Zero Liquid Discharge (ZLD) technology for small scale Bulk Drug & Drug Intermediate industries in the erstwhile Nalgonda District. The High-Level Committee after its study and inspections submitted recommendations and on that basis, the Board has issued directions dated 23.06.2012 to the Bulk drug industries to comply with the recommendations. Thereafter, the High Level Committee became inoperative and they are not now functioning as well.
5. So under such circumstances, we feel it appropriate to direct the Integrated Regional Office of the Central Pollution Control Board, Chennai to inspect the unit in question and submit a factual as well as action taken report, if there is any violation found and if the mechanism provided are not sufficient to control the odour and other pollution alleged, then what are all the methodology to be adopted for the purpose of resolving the issue.

(10)

6. The Integrated Regional Office of the Central Pollution Control Board, Chennai is directed to verify the Terms of Reference already issued by this Tribunal directing the State Pollution Control Board to look into the issue for the purpose of filing the report.
7. The Telangana State Pollution Control Board is directed to furnish the copy of the application and their reports already filed before this Tribunal and the orders passed by the Tribunal to the officer who is going to inspect the area from the Integrated Regional Office of the Central Pollution Control Board, Chennai, so that they will get an idea about the case and the things to be done by them.
8. They are directed to submit the report to this Tribunal on or before 31.03.2022 by e-filing in the form of Searchable PDF/OCR Supportable PDF and not in the form of Image PDF along with necessary hardcopies to be produced as per Rules.
9. The Registry is directed to communicate this order to the official respondents, Chairman - Telangana State Pollution Control Board and the Integrated Regional Office of the Central Pollution Control Board, Chennai by e-mail for their information and compliance of directions.

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10. For completion of pleadings, filing objections (if any) to the report and consideration of further report, post on 31.03.2022.

Sd/-
Justice K. Ramakrishnan, JM

Sd/-
Dr. Satyagopal Korlapati, EM

O.A. No.97/2021 (SZ),
03rd March 2022. Mn.



Item No.04:

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Annexure-II

BEFORE THE NATIONAL GREEN TRIBUNAL
SOUTHERN ZONE, CHENNAI

Original Application No. 97 of 2021 (SZ)
(Through Video Conference)

IN THE MATTER OF:

Ravula Lingaswamy Yadari Bhuvanagiri District

...Applicant(s)

With

Union of India and Ors.

...Respondent(s)

Date of hearing: 31.10.2022.

CORAM:

HON'BLE SMT. JUSTICE PUSHPA SATHYANARAYANA, JUDICIAL MEMBER

HON'BLE DR. SATYAGOPAL KORLAPATI, EXPERT MEMBER

For Applicant(s):

Mr. Sravan Kumar

For Respondent(s):

Mr. Era Meyappan for R1.

Ms. Renuka Devi for Ms. H. Yasmeen Ali for R2,
R4 and R5.

Ms. Dayana for Mr. T. Sai Krishnan for R3.

Mr. K.S. Viswanathan for R6.

Ms. N. Nathami for CPCB.

ORDER

1. The Central Pollution Control Board (CPCB) had filed an independent report dated 24.08.2022. The said report has specifically found that the mechanisms provided by the unit to control the odour and other pollution alleged are not in place and even if they are fixed, they have been

tampered with to give correct readings which is a serious offence. The CPCB has also given the methodology to be adopted for the purpose of resolving the odour and other pollutions. The CPCB has finally requested the Telangana State Pollution Control Board (TSPCB) to direct all the Pharmaceutical industries in the area to submit the time bound action plan for removal of contaminated sediments/soil and control of VOC emission in ambient air as well as adequate pollution control measures to achieve ZLD. The Telangana State Pollution Control Board (TSPCB) was also directed to periodically review their action plan and monitor the VOC in the area to ensure the effective implementation.

2. Despite the fact that the above report with the said direction was filed as early as on 24.08.2022, the Telangana State Pollution Control Board (TSPCB) has not taken any action till today. They do not even seem to have visited the above area.
3. With regret, we have to record that the Telangana State Pollution Control Board (TSPCB) has not been discharging their duty as has been expected from them. We are now constrained to issue direction to the Chairman, Telangana State Pollution Control Board (TSPCB) to look into the issue at the earliest and appropriately give directions to the Board to personally visit the industrial area referred above and implement the directions given by the CPCB in this regard and also assess the compensation for the alleged deliberate violations found in the report.

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4. The Telangana State Pollution Control Board (TSPCB) also has to ensure that these industries maintain the Ambient Air Quality (AAQ) and have adequate control measures to achieve the ZLD. When these Pharmaceutical industries are capable of achieving the ZLD, why no action has been taken by the Telangana State Pollution Control Board (TSPCB) for such violations till today has also to be reported.
5. The Learned Counsel for the 6th respondent seeks time to respond to the report of the Central Pollution Control Board (CPCB). While doing so let the 6th respondent comply with the directions of the Central Pollution Control Board (CPCB).
6. Post the matter on 09.12.2022.

.....J.M.
(Smt. Justice Pushpa Sathyanarayana)

.....E.M.
(Dr. Satyagopal Korlapati)

O.A. No.97/2021 (SZ),
31st October, 2022. (AD)

(15)

Annexure-III

THE HON'BLE THE CHIEF JUSTICE ALOK ARADHE

AND

THE HON'BLE SRI JUSTICE T.VINOD KUMAR

WRIT PETITION No.18057 of 2023

ORDER: *(Per the Hon'ble the Chief Justice Alok Aradhe)*

Mr. P.Subash, learned counsel for the petitioner.

Mr. Kondaparthi Srinivas, learned Government Pleader for Industries and Commerce Department for respondent No.1.

Mr. Pranav Munigela, learned Additional Standing Counsel for respondent Nos.2 and 3.

2. The petitioner which is a bulk drug and intermediate drug manufacturing company in this petition has assailed the validity of the composite order dated 21.06.2023 vide No.NLG-14/TSPCB/TF/HO/2023-439 passed by the Telangana State Pollution Control Board (briefly referred to hereinafter as 'the Board') in exercise of powers under Section 33A of the Water (Prevention and Control of Pollution) Act, 1974 (briefly referred to hereinafter as 'the Water Act') and Section

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31A of the Air (Prevention and Control of Pollution) Act, 1981 (briefly referred to hereinafter as 'the Air Act').

3. For the reasons assigned by us by a separate order dated 08.08.2023 passed in W.P.No.17179 of 2023, the composite order dated 21.06.2023 *vide* No.NLG-48-TSPCB/TF/HO/2023-441 passed by the Board is quashed and set aside and the operative portion of the order reads as under:

"12. For the afore-mentioned reasons, order dated 21.06.2023 passed by the Board cannot be sustained in the eye of law. Accordingly, it is quashed and set aside. The matter is remitted to the Board to consider the grounds taken by the petitioner in the explanation dated 02.06.2023. Needless to state that the Board shall also consider the fact that consent for operation was granted to the petitioner on 08.02.2023 as well as the fact that the petitioner was not a party to the order dated 17.01.2023 passed by National Green Tribunal in O.A.No.97 of 2021. The Board shall afford an opportunity of hearing to the petitioner and shall by a speaking order conclude the proceeding initiated in pursuance to show cause notice dated 22.05.2023. It is made clear that this Court has not expressed any opinion on merits of the matter."

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4. Accordingly, the Writ Petition is disposed of. There shall be no order as to costs.

As a sequel, miscellaneous applications pending, if any, in this Writ Petition, shall stand closed.

ALOK ARADHE, CJ

T. VINOD KUMAR, J

Date: 08.08.2023
KL

THE HON'BLE THE CHIEF JUSTICE ALOK ARADHE

AND

THE HON'BLE SRI JUSTICE T.VINOD KUMAR

WRIT PETITION No.18088 of 2023

ORDER: *(Per the Hon'ble the Chief Justice Alok Aradhe)*

Mr. P.Subash, learned counsel for the petitioner.

Mr. Kondaparthi Srinivas, learned Government Pleader for Industries and Commerce Department for respondent No.1.

Mr. Pranav Munigela, learned Additional Standing Counsel for respondent Nos.2 and 3.

2. The petitioner which is a bulk drug and intermediate drug manufacturing company in this petition has assailed the validity of the composite order dated 21.06.2023 *vide* No.NLG-50/TSPCB/TF/HO/2023-1137 passed by the Telangana State Pollution Control Board (briefly referred to hereinafter as 'the Board') in exercise of powers under Section 33A of the Water (Prevention and Control of Pollution) Act, 1974 (briefly referred to hereinafter as 'the Water Act') and Section

31A of the Air (Prevention and Control of Pollution) Act, 1981 (briefly referred to hereinafter as 'the Air Act').

3. For the reasons assigned by us by a separate order dated 08.08.2023 passed in W.P.No.17179 of 2023, the composite order dated 21.06.2023 *vide* No.NLG-48-TSPCB/TF/HO/2023-441 passed by the Board is quashed and set aside and the operative portion of the order reads as under:

"12. For the afore-mentioned reasons, order dated 21.06.2023 passed by the Board cannot be sustained in the eye of law. Accordingly, it is quashed and set aside. The matter is remitted to the Board to consider the grounds taken by the petitioner in the explanation dated 02.06.2023. Needless to state that the Board shall also consider the fact that consent for operation was granted to the petitioner on 08.02.2023 as well as the fact that the petitioner was not a party to the order dated 17.01.2023 passed by National Green Tribunal in O.A.No.97 of 2021. The Board shall afford an opportunity of hearing to the petitioner and shall by a speaking order conclude the proceeding initiated in pursuance to show cause notice dated 22.05.2023. It is made clear that this Court has not expressed any opinion on merits of the matter."

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::3::

4. Accordingly, the Writ Petition is disposed of. There shall be no order as to costs.

As a sequel, miscellaneous applications pending, if any, in this Writ Petition, shall stand closed.

ALOK ARADHE, CJ

T. VINOD KUMAR, J

Date: 08.08.2023
KL

THE HON'BLE THE CHIEF JUSTICE ALOK ARADHE

AND

THE HON'BLE SRI JUSTICE T.VINOD KUMAR

WRIT PETITION No.18108 of 2023

ORDER: *(Per the Hon'ble the Chief Justice Alok Aradhe)*

Mr. P.Subash, learned counsel for the petitioner.

Mr. Kondaparthi Srinivas, learned Government Pleader for Industries and Commerce Department for respondent No.1.

Mr. Pranav Munigela, learned Additional Standing Counsel for respondent Nos.2 and 3.

2. The petitioner which is a bulk drug and intermediate drug manufacturing company in this petition has assailed the validity of the composite order dated 21.06.2023 *vide* No.NLG-96/TSPCB/TF/HO/2023-1134 passed by the Telangana State Pollution Control Board (briefly referred to hereinafter as 'the Board') in exercise of powers under Section 33A of the Water (Prevention and Control of Pollution) Act, 1974 (briefly referred to hereinafter as 'the Water Act') and Section

22

::2::

31A of the Air (Prevention and Control of Pollution) Act, 1981 (briefly referred to hereinafter as 'the Air Act').

3. For the reasons assigned by us by a separate order dated 08.08.2023 passed in W.P.No.17179 of 2023, the composite order dated 21.06.2023 *vide* No.NLG-48-TSPCB/TF/HO/2023-441 passed by the Board is quashed and set aside and the operative portion of the order reads as under:

"12. For the afore-mentioned reasons, order dated 21.06.2023 passed by the Board cannot be sustained in the eye of law. Accordingly, it is quashed and set aside. The matter is remitted to the Board to consider the grounds taken by the petitioner in the explanation dated 02.06.2023. Needless to state that the Board shall also consider the fact that consent for operation was granted to the petitioner on 08.02.2023 as well as the fact that the petitioner was not a party to the order dated 17.01.2023 passed by National Green Tribunal in O.A.No.97 of 2021. The Board shall afford an opportunity of hearing to the petitioner and shall by a speaking order conclude the proceeding initiated in pursuance to show cause notice dated 22.05.2023. It is made clear that this Court has not expressed any opinion on merits of the matter."

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4. Accordingly, the Writ Petition is disposed of. There shall be no order as to costs.

As a sequel, miscellaneous applications pending, if any, in this Writ Petition, shall stand closed.

ALOK ARADHE, CJ

T. VINOD KUMAR, J

Date: 08.08.2023
KL

24

THE HON'BLE THE CHIEF JUSTICE ALOK ARADHE

AND

THE HON'BLE SRI JUSTICE T.VINOD KUMAR

WRIT PETITION No.19239 of 2023

ORDER: *(Per the Hon'ble the Chief Justice Alok Aradhe)*

Mr. P.Subash, learned counsel for the petitioner.

Mr. Kondaparthi Srinivas, learned Government Pleader for Industries and Commerce Department for respondent No.1.

Mr. Pranav Munigela, learned Additional Standing Counsel for respondent Nos.2 and 3.

2. The petitioner which is a bulk drug and intermediate drug manufacturing company in this petition has assailed the validity of the composite order dated 21.06.2023 *vide* No.NLG-50/TSPCB/TF/HO/2023-435 passed by the Telangana State Pollution Control Board (briefly referred to hereinafter as 'the Board') in exercise of powers under Section 33A of the Water (Prevention and Control of Pollution) Act, 1974 (briefly referred to hereinafter as 'the Water Act') and Section

31A of the Air (Prevention and Control of Pollution) Act, 1981 (briefly referred to hereinafter as 'the Air Act').

3. For the reasons assigned by us by a separate order dated 08.08.2023 passed in W.P.No.17179 of 2023, the composite order dated 21.06.2023 *vide* No.NLG-48-TSPCB/TF/HO/2023-441 passed by the Board is quashed and set aside and the operative portion of the order reads as under:

"12. For the afore-mentioned reasons, order dated 21.06.2023 passed by the Board cannot be sustained in the eye of law. Accordingly, it is quashed and set aside. The matter is remitted to the Board to consider the grounds taken by the petitioner in the explanation dated 02.06.2023. Needless to state that the Board shall also consider the fact that consent for operation was granted to the petitioner on 08.02.2023 as well as the fact that the petitioner was not a party to the order dated 17.01.2023 passed by National Green Tribunal in O.A.No.97 of 2021. The Board shall afford an opportunity of hearing to the petitioner and shall by a speaking order conclude the proceeding initiated in pursuance to show cause notice dated 22.05.2023. It is made clear that this Court has not expressed any opinion on merits of the matter."

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4. Accordingly, the Writ Petition is disposed of. There shall be no order as to costs.

As a sequel, miscellaneous applications pending, if any, in this Writ Petition, shall stand closed.

ALOK ARADHE, CJ

T. VINOD KUMAR, J

Date: 08.08.2023
KL

27

THE HON'BLE THE CHIEF JUSTICE ALOK ARADHE

AND

THE HON'BLE SRI JUSTICE T.VINOD KUMAR

WRIT PETITION No.18213 of 2023

ORDER: *(Per the Hon'ble the Chief Justice Alok Aradhe)*

Mr. P.Subash, learned counsel for the petitioner.

Mr. Kondaparthi Srinivas, learned Government Pleader for Industries and Commerce Department for respondent No.1.

Mr. Pranav Munigela, learned Additional Standing Counsel for respondent Nos.2 and 3.

2. The petitioner which is a bulk drug and intermediate drug manufacturing company in this petition has assailed the validity of the composite order dated 21.06.2023 *vide* No.NLG-40/TSPCB/TF/HO/2023-1136 passed by the Telangana State Pollution Control Board (briefly referred to hereinafter as 'the Board') in exercise of powers under Section 33A of the Water (Prevention and Control of Pollution) Act, 1974 (briefly referred to hereinafter as 'the Water Act') and Section

31A of the Air (Prevention and Control of Pollution) Act, 1981 (briefly referred to hereinafter as 'the Air Act').

3. For the reasons assigned by us by a separate order dated 08.08.2023 passed in W.P.No.17179 of 2023, the composite order dated 21.06.2023 *vide* No.NLG-48-TSPCB/TF/HO/2023-441 passed by the Board is quashed and set aside and the operative portion of the order reads as under:

"12. For the afore-mentioned reasons, order dated 21.06.2023 passed by the Board cannot be sustained in the eye of law. Accordingly, it is quashed and set aside. The matter is remitted to the Board to consider the grounds taken by the petitioner in the explanation dated 02.06.2023. Needless to state that the Board shall also consider the fact that consent for operation was granted to the petitioner on 08.02.2023 as well as the fact that the petitioner was not a party to the order dated 17.01.2023 passed by National Green Tribunal in O.A.No.97 of 2021. The Board shall afford an opportunity of hearing to the petitioner and shall by a speaking order conclude the proceeding initiated in pursuance to show cause notice dated 22.05.2023. It is made clear that this Court has not expressed any opinion on merits of the matter."

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4. Accordingly, the Writ Petition is disposed of. There shall be no order as to costs.

As a sequel, miscellaneous applications pending, if any, in this Writ Petition, shall stand closed.

ALOK ARADHE, CJ

T. VINOD KUMAR, J

Date: 08.08.2023
KL

THE HON'BLE THE CHIEF JUSTICE ALOK ARADHE

AND

THE HON'BLE SRI JUSTICE T.VINOD KUMAR

WRIT PETITION No.17179 of 2023

ORDER: *(Per the Hon'ble the Chief Justice Alok Aradhe)*

Mr. Ch.Samson Babu, learned counsel for the petitioner.

Mr. Gadi Praveen Kumar, learned Deputy Solicitor General of India for respondent No.1.

Ms. Akula Sunitha, learned Assistant Government Pleader attached to the office of learned Additional Advocate General for respondent No.2.

Mr. Pranav Munigela, learned Additional Standing Counsel for respondent Nos.3 and 4.

2. The petitioner which is a bulk drug and intermediate drug manufacturing company in this petition has assailed the validity of the composite order dated 21.06.2023 *vide* No.NLG-48-TSPCB/TF/HO/2023-441 passed by the Telangana State Pollution Control Board (briefly referred to hereinafter as 'the Board') in exercise of powers under Section

33A of the Water (Prevention and Control of Pollution) Act, 1974 (briefly referred to hereinafter as 'the Water Act') and Section 31A of the Air (Prevention and Control of Pollution) Act, 1981 (briefly referred to hereinafter as 'the Air Act').

3. Facts leading to filing of this petition briefly stated are that the petitioner as stated supra is a bulk drug and intermediate drug manufacturing company established in the year 2004. The company has its manufacturing unit at Dothigudem Village of Pochampally Mandal in Yadadri-Bhuvanagiri District, which was set up after obtaining environmental clearance from Union of India as well as consent orders for setting up and running the unit from other statutory bodies. The Board granted consent for operation to the petitioner on the ground that the petitioner complies with the provisions of the Water Act and the Air Act.

4. The petitioner was thereafter served with a show cause notice dated 22.05.2023 on the basis of an order dated 17.01.2023 passed by the National Green Tribunal, South Zone, Chennai in O.A.No.97 of 2021. The petitioner submitted an explanation on 02.06.2023 to the aforesaid show cause

notice and stated that the petitioner is not a party to the proceeding in O.A.No.97 of 2021. In the explanation, the petitioner also disclosed that it is complying with the provisions of the Water Act and the Air Act. However, the Board by an order dated 21.06.2023 *vide* No.NLG-48-TSPCB/TF/HO/2023-441 passed a composite order under Section 33A of the Water Act and Section 31A of the Air Act, by which the petitioner was asked to pay compensation to the tune of Rs.77,70,000.00. In the aforesaid factual background, this petition has been filed.

5. Learned Senior Counsel for the petitioner has submitted that the writ petition filed against the composite order dated 21.06.2023 *vide* No.NLG-48-TSPCB/TF/HO/2023-441 passed by the Board in exercise of powers under Section 33A of the Water Act and Section 31A of the Air Act is maintainable. It is further submitted that the Board while passing the impugned order dated 21.06.2023 has neither considered the fact that it had granted consent for operation of the industry to the petitioner on 08.02.2023 nor the explanation furnished by the petitioner on 02.06.2023 has been considered. It is also urged that the Board ought to have appreciated that petitioner was not a party in the proceeding

before the National Green Tribunal, on the basis of which show cause notice has been issued to the petitioner. It is therefore contended that impugned order be set aside and the matter be remitted afresh for consideration before the Board for decision afresh.

6. On the other hand, learned Additional Standing Counsel for respondent Nos.3 and 4-Board has supported the order passed by the Board.

7. We have considered the rival submissions made by learned counsel for the parties.

8. The issue with regard to availability of an alternative remedy under the provisions of the Water Act and the Air Act against a composite order passed by the Board in exercise of powers under Section 33A of the Water Act and Section 31A of the Air Act is no longer *res integra* and has been answered by Hon'ble Supreme Court in **Tamil Nadu Pollution Control Board v. Sterlite Industries (India) Limited and others**¹. Hon'ble Supreme Court in paras 36, 45 and 46 has held as under:

¹ (2019) 19 Supreme Court Cases 479

"36. We have referred to the orders dated 12-4-2018, 23-5-2018, and 28-5-2018 passed by the TNPCB under Sections 33-A and 31-A of the Water Act and the Air Act respectively. At this juncture, it is important to state that Section 33-B of the Water Act and Section 31-B of the Air Act were both enacted on 18-10-2010, which is the very date on which the NGT Act came into force. What is important to note is that whereas Section 33-B(c) of the Water Act read with Section 16(c) of the NGT Act make it clear that directions issued under Section 33-A of the Water Act are appealable to the NGT, directions issued under Section 31-A of the Air Act are not so appealable. In fact, the statutory scheme is that directions given under Section 31-A of the Air Act are not appealable. This being the case, all the aforesaid orders, being composite orders issued under both the Water Act and the Air Act, it will not be possible to split the aforesaid orders and say that so far as they affect water pollution, they are appealable to the NGT, but so far as they affect air pollution, a suit or a writ petition would lie against such orders. Shri Sundaram's argument that these orders being substantially relatable to the Water Act would, therefore, not hold, as such orders are composite orders made *both* under the Water Act and the Air Act. Equally disingenuous is the reference to Section 14 of the NGT Act which only refers to the original jurisdiction of the NGT and not to its appellate jurisdiction. Also, to state generally

that the subject-matter of environment lies with the NGT, is an argument of despair that must be dismissed for the reason that as held by us hereinabove, an appeal being a creature of statute, a statute either confers a right of appeal or it does not. In the present case, we have seen that so far as directions issued under Section 31-A of the Air Act are concerned, there is no right of appeal conferred by the Air Act read with the NGT Act. The ingenious argument made by Shri Sundaram that, in any case, a "direction" under Section 31-A of the Air Act is nothing but an "order", and would, therefore, be appealable as such under Section 31-B of the Air Act read with Section 16(f) of the NGT Act would drive a coach-and-four through the statutory scheme that has just been adverted to. We have seen how all the appellate proceedings to the NGT, whether under the Air Act, the Water Act, or the NGT Act have been brought into force on the same date. Whereas the identical power to give directions by the Board under the Water Act is appealable to the NGT, the same power to give directions by the Board under the Air Act is not so appealable. The absence of any mention of Section 31-A in Section 31-B of the Air Act, given the statutory scheme as aforesaid, makes it clear that even this argument must be rejected. Also, "directions" that are issued under Section 31-A of the Air Act are of a different quality from "orders" referred to in Section 31 of the same Act. Directions are issued in the exercise of powers and performance of functions

under the Act and are not quasi-judicial in nature, whereas orders that are appealed against under Section 31 are quasi-judicial orders made, inter alia, under Section 21 of the Air Act. For this reason also, we cannot accept the aforesaid argument of Shri Sundaram. However, Shri Sundaram argued, with particular reference to the Explanation to Section 31-A of the Air Act that "directions" partake of the nature of "orders" when closure of any particular industry or stoppage of supply of electricity qua any single industry is made, and therefore, such directions are appealable as orders under Section 31 of the Air Act. This argument is also of no avail as Section 33-A of the Water Act contains an identical explanation to that contained in Section 31-A of the Air Act. Despite this, the legislative scheme, as stated hereinabove, is that so far as directions under the Water Act are concerned, they are appealable, but so far as directions under the Air Act are concerned, they are not appealable. Hence, reference made to *P. Ramanatha Aiyar's Law Lexicon* and *Black's Law Dictionary*, which state that in certain circumstances, orders are also directions and vice versa, would not apply to the present case, given the express statutory scheme. In this connection, Shri Sundaram cited *Kanhiya Lal Omar v. R.K. Trivedi* [*Kanhiya Lal Omar v. R.K. Trivedi*, (1985) 4 SCC 628], and relied upon para 17, where this Court held, referring to Article 324(1) of the Constitution of India, that a "direction" may be equated with a

specific or a general order. The context of Article 324 being wholly different, it is obvious that this authority also has no application, given the statutory scheme in the present case.

45. Equally, so far as the order dated 8-8-2013 [*Sterlite Industries (India) Ltd. v. T.N. Pollution Control Board*, 2013 SCC OnLine NGT 68] is concerned, we have seen how the NGT stated that the doctrine of necessity would take over if an appellate authority under the Act is not properly constituted so that no appeal can then be effectively preferred. This, again, is an argument that cannot be countenanced. If an appellate authority is either not yet constituted, or not properly constituted, a leapfrog appeal to the NGT cannot be countenanced. As has been held by us supra, the NGT is only conferred appellate jurisdiction from an order passed in exercise of first appeal. Where there is no such order, the NGT has no jurisdiction.

46. In conclusion, we are cognizant of the fact that the respondent's plant has been shut down since 9-4-2018. Since we have set aside the impugned judgments of the NGT on the ground of maintainability, the order dated 22-1-2019 passed by the TNPCB, being a consequential order, is also set aside. The respondents are relegated to the position that the six orders impugned before the NGT, dealt with by the impugned judgment dated 15-12-2018 [*Vedanta Ltd. v. State of T.N.*, 2018 SCC OnLine NGT 1239] and the order dated 29-3-2013, dealt with

by the final judgment dated 8-8-2013 [*Sterlite Industries (India) Ltd. v. T.N. Pollution Control Board*, 2013 SCC OnLine NGT 68] , are alive and operative. Given the fact that we are setting aside the NGT judgments involved in these appeals on the ground of maintainability, we state that it will be open for the respondents to file a writ petition in the High Court against all the aforesaid orders. If such writ petition is filed, it will be open for the respondent to apply for interim reliefs considering that their plant has been shut down since 9-4-2018. Also, since their plant has been so shut down for a long period, and they are exporting a product which is an important import substitute, the respondent may apply to the Chief Justice of the High Court for expeditious hearing of the writ petition, which will be disposed of on merits notwithstanding the availability of an alternative remedy in the case of challenge to the 9-4-2018 order of the TNPCB. The appeals are disposed of accordingly."

9. In view of aforesaid enunciation of law by Hon'ble Supreme Court, writ petition challenging the composite order dated 21.06.2023 *vide* No.NLG-48-TSPCB/TF/HO/2023-441 passed by the Board in exercise of powers under Section 33A of the Water Act and Section 31A of the Air Act is held to be maintainable.

10. We may now advert to the merits of the case.

11. Admittedly, the consent for operation of the manufacturing unit was granted to the petitioner by the Board by an order dated 08.02.2023. However, the show cause notice dated 22.05.2023 was issued to the petitioner on the basis of an order dated 17.01.2023 passed by National Green Tribunal in O.A.No.97 of 2021. Admittedly, the petitioner is not a party to the aforesaid proceeding. The petitioner submitted a detailed explanation on 02.06.2023. However, from close scrutiny of order dated 21.06.2023, it is evident that the explanation put forth by the petitioner has not been considered. The Board has neither adverted to the fact that it had granted consent for operation of the manufacturing unit to the petitioner on 08.02.2023 nor has adverted to the fact that the petitioner was not a party in the proceeding before National Green Tribunal, which lead to order dated 17.01.2023 passed in O.A.No.97 of 2021 by National Green Tribunal.

12. For the afore-mentioned reasons, order dated 21.06.2023 passed by the Board cannot be sustained in the eye of law. Accordingly, it is quashed and set aside. The matter is

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remitted to the Board to consider the grounds taken by the petitioner in the explanation dated 02.06.2023. Needless to state that the Board shall also consider the fact that consent for operation was granted to the petitioner on 08.02.2023 as well as the fact that the petitioner was not a party to the order dated 17.01.2023 passed by National Green Tribunal in O.A.No.97 of 2021. The Board shall afford an opportunity of hearing to the petitioner and shall by a speaking order conclude the proceeding initiated in pursuance to show cause notice dated 22.05.2023. It is made clear that this Court has not expressed any opinion on merits of the matter.

13. Accordingly, the Writ Petition is disposed of. There shall be no order as to costs.

As a sequel, miscellaneous applications pending, if any, in this Writ Petition, shall stand closed.

ALOK ARADHE, CJ

T. VINOD KUMAR, J

Date: 08.08.2023
KL

41

THE HON'BLE THE CHIEF JUSTICE ALOK ARADHE

AND

THE HON'BLE SRI JUSTICE T.VINOD KUMAR

WRIT PETITION No.19039 of 2023

ORDER: *(Per the Hon'ble the Chief Justice Alok Aradhe)*

Mr. P.Subash, learned counsel for the petitioner.

Mr. Kondaparthi Srinivas, learned Government Pleader for Industries and Commerce Department for respondent No.1.

Mr. Pranav Munigela, learned Additional Standing Counsel for respondent Nos.2 and 3.

2. The petitioner which is a bulk drug and intermediate drug manufacturing company in this petition has assailed the validity of the composite order dated 20.06.2023 *vide* No.NLG-50/TSPCB/TF/HO/2023-440 passed by the Telangana State Pollution Control Board (briefly referred to hereinafter as 'the Board') in exercise of powers under Section 33A of the Water (Prevention and Control of Pollution) Act, 1974 (briefly referred to hereinafter as 'the Water Act') and Section

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31A of the Air (Prevention and Control of Pollution) Act, 1981 (briefly referred to hereinafter as 'the Air Act').

3. For the reasons assigned by us by a separate order dated 08.08.2023 passed in W.P.No.17179 of 2023, the composite order dated 21.06.2023 *vide* No.NLG-48-TSPCB/TF/HO/2023-441 passed by the Board is quashed and set aside and the operative portion of the order reads as under:

"12. For the afore-mentioned reasons, order dated 21.06.2023 passed by the Board cannot be sustained in the eye of law. Accordingly, it is quashed and set aside. The matter is remitted to the Board to consider the grounds taken by the petitioner in the explanation dated 02.06.2023. Needless to state that the Board shall also consider the fact that consent for operation was granted to the petitioner on 08.02.2023 as well as the fact that the petitioner was not a party to the order dated 17.01.2023 passed by National Green Tribunal in O.A.No.97 of 2021. The Board shall afford an opportunity of hearing to the petitioner and shall by a speaking order conclude the proceeding initiated in pursuance to show cause notice dated 22.05.2023. It is made clear that this Court has not expressed any opinion on merits of the matter."

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4. Accordingly, the Writ Petition is disposed of. There shall be no order as to costs.

As a sequel, miscellaneous applications pending, if any, in this Writ Petition, shall stand closed.

ALOK ARADHE, CJ

T. VINOD KUMAR, J

Date: 08.08.2023
KL

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Annexure - IV

THE HON'BLE THE CHIEF JUSTICE ALOK ARADHE

AND

THE HON'BLE SRI JUSTICE T.VINOD KUMAR

WRIT PETITION No.20623 of 2023

ORDER: (Per the Hon'ble the Chief Justice Alok Aradhe)

Mr. P.Nagendra Reddy, learned counsel for the petitioner.

2. In this writ petition, petitioner *inter alia* has assailed the validity of the order dated 21.06.2023 by which the Telangana State Pollution Control Board has issued directions under Section 33A of the Water (Prevention and Control of Pollution) Amendment Act, 1988, and under Section 31A of the Air (Prevention and Control of Pollution) Amendment Act, 1987.

3. Section 33B of the Water (Prevention and Control of Pollution) Act, 1974, deals with appeal to the National Green Tribunal, which is extracted below for the facilitation of reference:

33B. Appeal to National Green Tribunal - Any person aggrieved by,—

(a) an order or decision of the appellate authority under section 28, made on or after the commencement of the National Green Tribunal Act, 2010; or

(b) an order passed by the State Government under section 29, on or after the commencement of the National Green Tribunal Act, 2010; or

(c) directions issued under section 33A by a Board, on or after the commencement of the National Green Tribunal Act, 2010, may file an appeal to the National Green Tribunal established under section 3 of the National Green Tribunal Act, 2010, in accordance with the provisions of that Act.

4. Similarly, Section 31B of the Air (Prevention and Control of Pollution) Act, 1981, is extracted below, which provides for an appeal to the National Green Tribunal:

31B. Appeal to National Green Tribunal - Any person aggrieved by an order or decision of the Appellate Authority under section 31, made on or after the commencement of the National Green Tribunal Act, 2010, may file an appeal to the National Green Tribunal established under section 3 of the National Green Tribunal Act, 2010, in accordance with the provisions of that Act.

5. Thus, it is evident that an appeal under Section 33B of the Water (Prevention and Control of Pollution) Act, 1974, and Section 31B of the Air (Prevention and Control of Pollution) Act, 1981, lies before the National Green Tribunal.

6. It is well settled in law that where the statute creates the right and provides for a forum of redressal of grievances of the parties, the parties should resort to that forum and the extraordinary jurisdiction of this Court under Article 226 of the Constitution of India cannot be permitted to be invoked (See **Hameed Kunju v. Nazim**¹ and **Authorized Officer, State Bank of Travancore v. Mathew K.C**²). It is neither the case of the petitioner that the alternative remedy provided by the statute is not efficacious, nor is it the case of the petitioner that its case falls in any of the exceptions as carved out by the Hon'ble Supreme Court in **Whirlpool Corporation v. Registrar of Trade Marks**³.

¹ (2017) 8 SCC 611

² (2018) 3 SCC 85

³ (1998) 8 SCC 1

7. Therefore, we are not inclined to entertain this writ petition. However, the petitioner is granted the liberty to take recourse to the remedy of statutory appeal available to him. Needless to state that in case the petitioner files an appeal within a period of two weeks, the National Green Tribunal shall entertain the appeal preferred by the petitioner.

8. Writ petition is accordingly disposed of.

Miscellaneous applications pending, if any, shall stand closed. However, there shall be no order as to costs.

ALOK ARADHE, CJ

T.VINOD KUMAR, J

07.08.2023
vs



BY REGD. POST WITH ACK. DUE

Annexure - V

ORDERS ISSUED UNDER WATER (P&CP) AMENDMENT ACT, 1988

Order No. NLG-44/TSPCB/TF/HO/2023-

741 (48)

Date: 13.09.2023

Sri
DESPATCH NO:
DATE: 13 SEP 2023

Sub : TSPCB - M/s. Hazelo Lab Private Limited, (Formerly M/s. Venlar Labs (P) Ltd), Dhotigudem (V), Pochampally (M), Yadadri Bhuvangiri District - Water (Prevention and Control of Pollution) Act, 1974 (as amended by Act 53 of 1988) - **DIRECTIONS - ORDERS ISSUED** - Reg.

Ref :

1. CFO&HWA Order dated: 01.09.2022, valid upto 31.03.2027.
2. Directions Orders issued on 06.12.2022 & 30.05.2023.
3. Directions issued on 21.06.2023 for for Levying of Environmental Compensation.
4. The Rolling Task Force team inspected the industry on 17.06.2023 & 01.07.2023.
5. The Board received a complaint on twitter by Sri Panduchoppari@panduchoppari on 31.07.2023 regarding colored water stagnation in the Dhotigudem area and the same complaint forwarded by the District Collector, Yadadri Bhuvanagir.
6. Complaints received from Villagers of Dhotigudem, Anthammagudem & Malkapur against the Pharma industries located in Dhotigudem village regarding pollution problems.
7. The RO-Nalgonda Officials inspected the industry on 28.07.2023.
8. Hearing held on 07.08.2023.
9. The Hon'ble High Court vide orders dt.08.08.2023 disposed the WP No.20623 of 2023.
10. The Task Force Committee Members inspected the industry on 10.08.2023 & 11.08.2023.
11. Hearing held on 28.08.2023.

* * * * *

1. **WHEREAS**, you are operating the industry located at Dhotigudem (V), Pochampally (M), Yadadri Bhuvangiri District and engaged in manufacturing of Bulk Drugs Intermediates.
2. **WHEREAS**, vide reference 1st cited, the Board issued CFO&HWA to your industry on 01.09.2022 for expansion under phase-I with a validity period up to 31.03.2027.
3. **WHEREAS**, vide reference 2nd cited, the Board issued certain directions to the industry on 06.12.2022 & 30.05.2023 based on the observations made in the CPCB report.
4. **WHEREAS**, vide reference 3rd cited, the industry was reviewed in the Task Force Committee meeting held on 13.06.2023. Based on the recommendations of the Committee, the Board issued directions dt.21.06.2023 for levying Environmental Compensation (EC) of Rs.77,70,000/- along with other directions.
5. **WHEREAS**, vide reference 4th cited, the Rolling Task Force Team inspected the industry on 17.06.2023 & 01.07.2023 and certain observations were made.
6. **WHEREAS**, the industry have filed a Writ Petitions before Hon'ble High Court of Telangana praying the Hon'ble High Court to declare the orders issued by the Respondent Board, directing the petitioner industry to deposit an amount towards Environmental Compensation without giving any notice as arbitrary and irregular, contrary to law, without power and jurisdiction and set aside the same.
7. **WHEREAS**, the Hon'ble High Court vide orders dt.08.08.2023 disposed the WP No.20623 of 2023 with following directions:

"Therefore, we are not inclined to entertain this writ petition. However, the petitioner is granted the liberty to take recourse to the remedy of statutory appeal available to him. Needless to state that in case the petitioner files an appeal within a period of two weeks, the National Green Tribunal shall entertain the appeal preferred by the petitioner. Writ petition is accordingly disposed of".

8. **WHEREAS**, vide reference 5th cited, the Board received a complaint on twitter by Sri Panduchoppari@panduchoppari on 31.07.2023 regarding colored water stagnation in the Dothigudem area. The Board also received the same complaint by Sri Panduchoppari regarding colored water stagnation in the Dothigudem area forwarded by the District Collector, Yadadri-Bhuvanagiri District.
9. **WHEREAS**, vide reference 6th cited, the Board received complaints from Villagers of Dothigudem, Anthammagudem & Malkapur against the Pharma industries located in Dothigudem village regarding pollution problems.
10. **WHEREAS**, vide reference 7th cited, the RO-Nalgonda Officials inspected the industry on 28.07.2023 and the following observations were made:
1. The industry is in operation during inspection.
 2. The status of compliance of the industry on Board Task Force directions order dt.30.05.2023 issued Under Water (P&CP) Amendment Act, 1988 is submitted below:

S. No	Direction	Compliance
1.	The industry shall comply with all conditions stipulated in the CFO&HWA order issued by the Board scrupulously.	Mentioned below.
2.	The industry shall continue to segregate the effluents into HTDS and LTDS.	<p>Earlier, the industry has claimed that they are treating the LTDS along with HTDS effluents. The online LTDS flow meter was also verified and found no values recorded. The same was reported to the Hon'ble NGT vide report dt.20.02.2023.</p> <p>Earlier, during inspection on 27.05.2023, the aerations tanks observed with raw effluents and no MLSS was observed. Which clearly indicate that the industry is still not operating the Bio-ETP. The industry representative informed to the Board Officials that they have power load problem (low permitted load) and will be rectified in a week and thereafter will continuously operate the Bio-ETP.</p> <p>The Board receiving regular complaints from villagers of Anthamagudem and Dothigudem regarding odour nuisance from the industry especially from new ZLD system.</p> <p>During inspection on 27.07.2023, the aeration tanks were observed operating. The Board Officials collected samples to verify the operation / efficiency of Bio-ETP.</p>
3.	The industry shall regularly operate the New ZLD system for treatment of effluents. The HTDS effluents shall be treated in stripper, MEE and ATFD. The condensate & LTDS effluents shall be treated in Biological ETP followed RO system and treated effluents shall be reused in the plant. The RO rejects shall be sent to MEE for forced evaporation.	<p>Earlier, the industry was operating old ZLD system (also during CPCB, Chennai team inspection during March 23-24, 2022), now the same was dismantled and removed.</p> <p>Now, the industry is operating new ZLD system since Dec' 2022. The system consists of: MEE (5 stage) - 250 KLD, ATFD - 30 mtr.sq, 3 stage RO - 250 KLD, Old RO system - 100 KLD, HTDS Equalization tank - 450 KL, Stripper Feed Tank - 2X 150 KL, LTDS Equalization Tank - 210 KL, Bio-Feed Tank - 210 KL, Aeration Tank-1 - 3000 KL, Aeration Tank-2 - 750 KL.</p> <p>Earlier, the Board Officials collected effluent samples on 07.01.2023 and on</p>

	50	27.05.2023 from the different stages of ZLD system. The details are mentioned below.
4.	The industry shall install & maintain online TDS meter for HTDS effluent generation and connect the same to TSPCB server.	Not complied.
5.	The industry shall provide first run off rain water & seepage collection pit with proper bypass arrangement for free flow of subsequent rain water (24 kL/acre). The collected contaminated rain water shall be pumped and stored in above ground level tank of adequate capacity and the same shall be treated within the premises or send to CETP for further treatment.	Complied. Completed the first run off rain water & seepage collection pit with bypass arrangement and above ground storage tank (300 KL). However, the industry has no system to quantify the first run off rain water collection and not maintaining any records.
6.	The industry shall not discharge any effluent/ leakages / spillages / seepages etc. within the premises and outside the industry premises under any circumstances.	During inspection, no discharge of any effluents etc observed within and outside the plant premises. However, leakages/ spillages were observed near MEE system. The spillages were also observed in earlier inspections.
7.	The industry shall store drums containing raw material / in process goods / MLs /spent solvents / wastes etc., on the concrete platform under covered shed with dyke walls & proper leachate collection system and the industry shall not store drums openly on ground.	Complied
8.	The industry shall collect & store the hazardous waste in an elevated closed shed with impervious lining and leachate collection system. The industry shall dispose the Hazardous Waste regularly in accordance with the CFO&HW order and shall not store beyond 90 days.	Complied. As per the records, the industry has disposed Spent carbon - 16.4 tons, Organic Residue - 107.22 tons, Stripper distillate - 24.6 tons, ETP Sludge - 19.2 tons to Cement Industry for co-incineration, during the period Dec' 22 to July' 23. As per the records, the industry has also disposed MEE Salt - 179.8 tons, In-organic Salt - 60.8 tons and Hyflow - 5.6 tons to TSDF, during the period Dec' 22 to July' 23.
9.	The industry shall continuously operate the online monitoring system provided to the HTDS, LTDS & RO permeate as per the directions of CPCB and shall ensure continuous data transmission to the TSPCB server.	Complied. As per Real Time Online Monitoring TSPCB Web Portal, the industry has provided online connectivity for MEE condensate, HTDS, LTDS flow meters and cameras at gate and RO permeate. The industry also connected VOC meter.
10.	The industry shall provide & maintain operate IP cameras at main gate entrance and shall be connected to the TSPCB Server.	Not Complied. Camera provided, but not connected to the TSPCB Server.
11.	The industry shall provide PTZ (Pan Tilt Zoom) cameras to focus the entire premises duly covering ZLD area, boiler stack	Partially Complied. The industry provided IP camera for boiler stack, at storm water drain, at main gate. However, the same is not connected to the

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	and entire boundary of the plant.	Board server.
12.	The industry shall not use any flexible pipelines within the premises for transfer of effluents / wastewater. All the effluent conveying pipe lines shall be fixed.	Complied
13.	The industry shall not use effluents or any waste water in cooling towers and shall check the quality of the cooling circulation water regularly.	<p>The Board Officials collected samples on 07.01.2023 from the cooling towers and submitted to Zonal Laboratory for analysis.</p> <p>As per analysis report, the TDS values in MEE Cooling tower, Production Block - C&D cooling tower & Production Block - A cooling tower is found to be 11,560 mg/L, 750 mg/L and 1054 mg/L.</p> <p>As per analysis report, the COD values in MEE Cooling tower, Production Block - C&D cooling tower & Production Block - A cooling tower is found to be 5658 mg/L, 211 mg/L and 1377 mg/L.</p> <p>The TDS and COD values of MEE cooling tower are very high. The COD value of Cooling tower attached to Production Block - A is high.</p> <p>The Board Officials also collected effluent samples on 27.05.2023 from cooling towers and submitted to the Zonal Lab, RC Puram for analysis.</p> <p>As per analysis report, the TDS and COD values in MEE Cooling tower, Production Block - C&D cooling tower & Production Block - A cooling tower is found to be in the range of 680 to 695 mg/L and 224 to 244 mg/L respectively.</p>
14.	The industry shall maintain proper housekeeping within the premises.	Complied
15.	The industry shall extend the Bank Guarantee from time to time till further orders from the Board.	<p>Complied.</p> <p>The existing BG vide BG.No. OGT0004220063341, Rs.4,00,000/- , dt.22.02.2022 was valid up to 21.02.2023. The same was extended up to 21.02.2024.</p>

3. The status of compliance of the industry on Board Task Force directions Order dt.30.05.2023 issued Under Air (P&C) Amendment Act, 1987 is submitted below:

S. No	Direction	Compliance
1.	The industry shall take all odour control measures and operate the same regularly to avoid odour nuisance to the surrounding environment.	<p>The industry as provided following scrubbers:</p> <p>i. Production block - A: Provided 2 stage scrubber along with sub cooler condenser and Activated charcoal bed.</p> <p>ii. Production block - A (extension): Provided 2 stage scrubber alongwith sub cooler condenser. Activated charcoal bed not provided.</p> <p>iii. Production block - B: Dismantled.</p> <p>iv. Production block - C: 2 x 2 stage scrubbers. Activated</p>

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		<p>charcoal bed provided and sub cooler condenser provided.</p> <p>v. Production block - D1 & D2: 2 x 2 stage scrubbers. Activated charcoal bed and sub cooler condenser not provided.</p> <p>vi. Production block - E: Hydrogenation block.</p> <p>vii. Production block - F: 3 Nos double stage scrubbers provided, but not provided activated charcoal bed and sub cooler condensers.</p> <p>viii. Production block - H: 1 Nos double stage scrubbers provided, but not provided activated charcoal bed and sub cooler condensers.</p> <p>ix. ATFD: Provided 2 stage scrubber and activated charcoal bed. Not provided sub cooler condenser. The industry representative justifying that as the system is having stripper, the sub cooler condenser is not required. This may be examined.</p> <p>x. Stripper & vacuum tub: Provided 2 stage scrubber along with sub cooler condenser. Activated charcoal bed not provided.</p> <p>xi. HTDS & stripper fed tank: 1 stage scrubber. Activated charcoal bed and sub cooler condenser not provided.</p> <p>xii. HCl tank: 1 stage scrubber. Activated charcoal bed and sub cooler condenser not provided.</p>
2.	The industry shall provide & maintain dome with suction hood followed by double stage scrubber with online pH meter to the HTDS effluent storage tanks to control the odour nuisance.	Partially complied. However, during inspection the scrubbers were not in operation. Not provided online pH meters
3.	The industry shall install & maintain sub cooler condensers system followed by activated charcoal bed to the vents of scrubbing system connected to HTDS collection tank so as to arrest the VOCs.	Not complied.
4.	The industry shall install & maintain sub cooler condensers system followed by activated charcoal bed so as to arrest the VOCs from the scrubber attached to ATFD.	Provided two stage scrubber with activated charcoal bed. However, not provided sub cooler condenser. The industry representative justifying that as the system is having stripper, the sub cooler condenser is not required. This may be examined.
5.	The industry shall continuously operate scrubbers with online pH meter for control of process emissions and shall take appropriate additional measures for control smell nuisance within & outside the industry premises.	Mentioned at point no:1
6.	The industry shall operate & maintain online VOC monitoring system and connect the same to the Board server.	Complied

7.	The industry shall provide odour suppressant mist spray / sprinkle "PIION" liquid at effluent treatment area to contain VOCs.	Provided. But, the same was not in operation during inspection.
8.	The industry shall provide & maintain the vent condensers for all the solvent storage / chemical storage tanks to control the fugitive emissions.	Complied
9.	The industry shall conduct the LDAR study once in six months. The industry shall take necessary measures as per the latest Leak Detection and Repair (LDAR) Study to arrest the solvent losses and reduce VOCs in the premises.	Not Complied. LDAR study was carried in the month of Dec' 2022.
10.	The industry shall not cause any air pollution to the surrounding area.	The Board receiving regular complaints from villagers of Dothigudem and Anthammagudem regarding odour nuisance from the industries located in the area specifically from M/s. Hazelo Laboratories. The Anthammagudem village is located towards West side to the Dothigudem Bulk Drug Industries cluster about 650 mtrs away. During winter season, the predominant wind direction is towards West & South-West i.e, towards village side. The industry has provided one no VOC analyser and connected the same to the Board's server. The VOC analyser is placed at warehouse block. As per the online data, the values are found to be zero (period verified is from 01.06.2023 to 01.08.2023). During inspection on 01.08.2023, the reading in VOC analyser was observed 2.80 PPM (photograph enclosed). However, the online data showing zero value. This may be examined. In view of complaints regarding odour nuisance, the industry may be directed to provide additional VOC meters towards Anthammagudem village and Dothigudem village.

4. The status of compliance of the industry on Board Task Force Levying of Environmental Compensation Additional directions Order dt.21.06.2023:

S. No	Direction	Compliance
1	The industry shall maintain sufficient free board to avoid overflows in effluent collection tanks and shall dispose the same as per CFO & HWA conditions.	Complied
2	The industry shall not stock the effluents in the collections tanks and shall treat the effluents in ZLD system / send to the CETP to avoid any over flow in view of the rainy season.	Complied

5. The status of compliance of the industry towards CFO Schdule - B conditions (CFO order dt.220523957956, Dt.01.09.2022) is submitted below:

S. No	Direction	Compliance																											
1.	Total fresh Water Consumption shall not exceed 243.7 KLD	As per the records, the water consumption for the period Dec' 22 to July' 23 is 26.16 KLD, against the permitted quantity of 1243.7 KLD.																											
	<table border="1"> <thead> <tr> <th>S. No</th> <th>Purpose</th> <th>Quantity (KLD)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Process</td> <td>20.00</td> </tr> <tr> <td>2</td> <td>Washings</td> <td>3.5</td> </tr> <tr> <td>3</td> <td>Scrubber</td> <td>5.3</td> </tr> <tr> <td>4</td> <td>Boiler Feed</td> <td>21.5</td> </tr> <tr> <td>5</td> <td>Cooling tower make-up</td> <td>64.9</td> </tr> <tr> <td>6</td> <td>AC/CHiller</td> <td>7.0</td> </tr> <tr> <td>7</td> <td>Domestic</td> <td>3.5</td> </tr> <tr> <td>8</td> <td>Gardening</td> <td>3.5</td> </tr> </tbody> </table>	S. No	Purpose	Quantity (KLD)	1	Process	20.00	2	Washings	3.5	3	Scrubber	5.3	4	Boiler Feed	21.5	5	Cooling tower make-up	64.9	6	AC/CHiller	7.0	7	Domestic	3.5	8	Gardening	3.5	
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2.	<p>During the maintenance / breakdown of ZLD, the pre-treated effluent sent to CETP for a period of maximum 15 days in calendar year, duly meeting the following inlet standards.</p> <table border="1"> <thead> <tr> <th>Parameter</th> <th>Limiting Standards</th> </tr> </thead> <tbody> <tr><td>pH</td><td>5.5 - 9.0</td></tr> <tr><td>Temperature °C</td><td>45.0</td></tr> <tr><td>Total Dissolved Solids (Inorganic)</td><td>5,000 mg/l</td></tr> <tr><td>Oil and Grease</td><td>20 mg/l</td></tr> <tr><td>Phenolic Compounds (as C₆H₅OH)</td><td>5 mg/l</td></tr> <tr><td>Ammonical Nitrogen (as N)</td><td>50 mg/l</td></tr> <tr><td>Cyanide (as CN)</td><td>2 mg/l</td></tr> <tr><td>Chromium Hexavalent (as Cr⁶⁺)</td><td>2 mg/l</td></tr> <tr><td>Chromium (total) (as Cr)</td><td>2 mg/l</td></tr> <tr><td>Copper (as Cu)</td><td>3 mg/l</td></tr> <tr><td>Lead (as Pb)</td><td>1 mg/l</td></tr> <tr><td>Nickel (as Ni)</td><td>3 mg/l</td></tr> <tr><td>Zinc (as Zn)</td><td>15 mg/l</td></tr> <tr><td>Arsenic (as As)</td><td>0.2 mg/l</td></tr> <tr><td>Mercury (as Hg)</td><td>0.01 mg/l</td></tr> <tr><td>Cadmium (as Cd)</td><td>1 mg/l</td></tr> <tr><td>Selenium (as Se)</td><td>0.05 mg/l</td></tr> <tr><td>Fluoride (as F)</td><td>15 mg/l</td></tr> <tr><td>Boron (as B)</td><td>2 mg/l</td></tr> <tr><td>COD</td><td>15,000 mg/l</td></tr> </tbody> </table>	Parameter	Limiting Standards	pH	5.5 - 9.0	Temperature °C	45.0	Total Dissolved Solids (Inorganic)	5,000 mg/l	Oil and Grease	20 mg/l	Phenolic Compounds (as C ₆ H ₅ OH)	5 mg/l	Ammonical Nitrogen (as N)	50 mg/l	Cyanide (as CN)	2 mg/l	Chromium Hexavalent (as Cr ⁶⁺)	2 mg/l	Chromium (total) (as Cr)	2 mg/l	Copper (as Cu)	3 mg/l	Lead (as Pb)	1 mg/l	Nickel (as Ni)	3 mg/l	Zinc (as Zn)	15 mg/l	Arsenic (as As)	0.2 mg/l	Mercury (as Hg)	0.01 mg/l	Cadmium (as Cd)	1 mg/l	Selenium (as Se)	0.05 mg/l	Fluoride (as F)	15 mg/l	Boron (as B)	2 mg/l	COD	15,000 mg/l	54	---
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4.	<p>The industry shall not manufacture any un-consented products and exceeding capacities without obtaining prior Consent for Establishment (CFE) and Consent for Operation (CFO) of the Board. The industry shall restrain to 210 TPM out 600 TPM vide CFE order dt. 29.05.2022.</p>		As per records, the industry has manufactured Guanine - 1975 Kg/day, against consented capacity of 693 Kg/day and AME (e-acetyl Ethoxy acetyl methyl ether) - 630 Kg/day, against consented capacity of 570.5 Kg/day. The industry has exceeded individual permitted quantities of both the products. However, on an average, the industry has manufactured 2600 Kg/day, within the total permitted quantity of 7000 Kg/day.																																										
5.	<p>The industry shall comply with emission limits for DG sets upto 800 KW as per the Notification G.S.R.520 (E), dated 01.07.2003 under the Environment (Protection) Amendment Rules, 2003 and G.S.R.448(E), dated 12.07.2004 under the Environment (Protection) Second Amendment Rules, 2004. In case of DG sets more than 800 KW should comply with emission limits as per the Notification G.S.R.489 (E), dated 09.07.2002 at serial no.96, under the Environment (Protection) Act, 1986.</p>		---																																										
6.	<p>The industry shall comply with ambient air quality standards of PM₁₀(Particulate Matter size less than 10µm) - 100 µg/m³; PM_{2.5}(Particulate Matter size less than 2.5 µm) - 60 µg/m³; SO₂ - 80 µg/m³; NO_x - 80 µg/m³, outside the factory premises at the periphery of the industry. Standards for other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No.B-29016/20/90/PCI-I, dated</p>		The Board has received oral complaints regarding emissions from boiler. The Board could not conduct the air quality monitoring due to prevailing rains in the area and propose to conduct after rains subside.																																										

	18.11.2009 Noise Levels: Day time - (6 AM to 10 PM) - 75 dB (A) Night time - (10 PM to 6 AM) - 70 dB (A).	
7.	The industry has paid CFO fee Rs. Rs.2,62,500 /- for a period upto 31.03.2023.	Not complied. (Notice issued).
8.	The industry shall pay balance consent fee annually as per rates notified in G.O.Ms.No.22. The payment of annual consent fee shall be made at the concerned RO for every financial year (i.e., April to March) within the stipulated time period i.e., 1st quarter of every financial year (April to June) is mandatory for the industry / project, failing which, the validity of the Consent Order automatically stands cancelled and operation industry / project without valid consent attracts penal action under the provision of Water Act, Air Act & Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.	
9.	The industry either paying annual fee or total fee for Consented period, shall pay the balance fee as per the revised rates as applicable from time to time.	
10.	The industry shall maintain separate water meters for recording water consumption for process, boiler feed, cooling and domestic purposes and also maintain daily records.	Complied.
11.	The industry shall segregate effluents into LTDS & HTDS effluents separately.	<p>Earlier, the industry has claimed that they are treating the LTDS along with HTDS effluents. The online LTDS flow meter was also verified and found no values recorded. The same was reported to the Hon'ble NGT vide report dt.20.02.2023.</p> <p>Earlier, during inspection on 27.05.2023, the aerations tanks observed with raw effluents and no MLSS was observed. Which clearly indicate that the industry is still not operating the Bio-ETP. The industry representative informed to the Board Officials that they have power load problem (low permitted load) and will be rectified in a week and thereafter will continuously operate the Bio-ETP.</p> <p>The Board receiving regular complaints from villagers of Anthamagudem and Dothigudem regarding odour nuisance from the industry especially from new ZLD system.</p> <p>During inspection on 27.07.2023, the aeration tanks were observed operating. The Board Officials collected samples on 28.07.2023 to verify the operation / efficiency of Bio-ETP.</p>

12.	The industry shall maintain vent condensers for chemical / solvent storage tanks to control fugitive emissions	<p style="text-align: center;">(56)</p> <p style="text-align: center;">Complied.</p>
13.	The industry shall maintain separate water meters for recording water consumption for process, boiler feed, Cooling and domestic purposes and also maintain daily records.	<p style="text-align: center;">Complied.</p>
14.	The industry shall maintain digital flow meters with totalisers (RS-485 communication) for recording the quantity of HTDS, LTDS effluent & RO permeate and also maintain daily records. They shall connect the flow totaliser data to TSPCB & CPCB servers as per CPCB protocol. They shall also install digital flow meter at RO permeate and connect the same to TSPCB & CPCB server.	<p style="text-align: center;">Complied.</p>
15.	The industry shall maintain 2 stage scrubber along with online pH monitoring system to all the production blocks for control of process emissions. They shall maintain log book for operation of scrubber for monitoring active scrubbing media.	<p>The industry as provided following scrubbers:</p> <ul style="list-style-type: none"> i. Production block - A: Provided 2 stage scrubber along with sub cooler condenser and Activated charcoal bed. ii. Production block - A (extension): Provided 2 stage scrubber alongwith sub cooler condenser. Activated charcoal bed not provided. iii. Production block - B: Dismantled. iv. Production block - C: 2 x 2 stage scrubbers. Activated charcoal bed provided and sub cooler condenser provided. v. Production block - D1 & D2: 2 x 2 stage scrubbers. Activated charcoal bed and sub cooler condenser not provided. vi. Production block - E: Hydrogenation block. vii. Production block - F: 3 Nos double stage scrubbers provided, but not provided activated charcoal bed and sub cooler condensers. viii. Production block - H: 1 Nos double stage scrubbers provided, but not provided activated charcoal bed and sub cooler condensers. ix. ATFD: Provided 2 stage scrubber and activated charcoal bed. Not provided sub cooler condenser. The industry representative justifying that as the system is having stripper, the sub cooler condenser is not required. This may be examined. x. Stripper & vaccum tub: Provided 2 stage scrubber along with sub cooler

(57)

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16.	The industry shall monitor VOCs in ambient air with online VOC analyze with proper range & connect the same to TSPCB server.	Complied
17.	The industry shall maintain elevated platform with leachate/spillages collection pit to store drums containing chemicals & wastes to control spillages / discharges of chemicals / effluents on ground.	Complied
18.	The industry shall maintain IP camera with PAN, TILT Zoom, 5x or above focal length, with night vision capability at effluent collection system (HTDS, LTDS & RO permeate) as per CPCB norms and at back side of the industry covering total view of the drain. They shall connect the data to CPCB & TSPCB server.	Complied
19.	The industry shall provide and operate IP Camera with PAN, Zoom, 5x or above focal length, with night vision capability, at main gate entrance & at other gates where there is movement of effluent tankers, Solvent tankers, Chemical tankers, Hazardous Waste carrying vehicles & other material carrying vehicles. These cameras shall be connected to the website of TSPCB, with minimum backup of three months.	Not Complied. Camera provided, but not connected to the TSPCB Server.
20.	During the maintenance / breakdown of ZLD system, the industry is permitted to send HTDS effluents to the MEE system of M/s. JETL, Jeedimetla and LTDS effluents to M/s. PETL, Patancheru duly meeting the inlet standards stipulated at Schedule -B for not more than 15 days, in a calendar year and shall maintain records.	---
21.	The industry shall provide and maintain hood with extraction systems to the HTDS collection tanks and connect to the scrubbers to control the odor problem.	Partially complied. However, during inspection the scrubbers were not in operation. Not provided online pH meters.
22.	The industry shall install on line TDS meter for HTDS effluent generation. They shall maintain the records for effluent generation, TDS values, salts generation on daily basis.	Not complied.
23.	The industry shall develop greenbelt as per norms.	Developed good green belt.
24.	The industry shall provide adequate closed storage facilities above the ground with proper lining for storage of effluents before its treatment.	Complied
25.	The industry shall not use effluents in cooling towers under any circumstances.	The Board Officials collected samples on 07.01.2023 from the cooling towers and submitted to Zonal Laboratory for analysis.

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As per analysis report, the TDS values in MEE Cooling tower, Production Block - C&D cooling tower & Production Block - A cooling tower is found to be 11,560 mg/L, 750 mg/L and 1054 mg/L.

As per analysis report, the COD values in MEE Cooling tower, Production Block - C&D cooling tower & Production Block - A cooling tower is found to be 5658 mg/L, 211 mg/L and 1377 mg/L.

The TDS and COD values of MEE cooling tower are very high. The COD value of Cooling tower attached to Production Block - A is high.

The Board Officials also collected effluent samples on **27.05.2023** from cooling towers and submitted to the Zonal Lab, RC Puram for analysis.

As per analysis report, the TDS and COD values in MEE Cooling tower, Production Block - C&D cooling tower & Production Block - A cooling tower is found to be in the range of 680 to 695 mg/L and 224 to 244 mg/L respectively.

26.	The industry shall maintain sub cooler condensers system followed by activated charcoal bed so as to arrest the VOCs from the scrubber attached to ATFD.	Provided two stage scrubber with activated charcoal bed. However, not provided sub cooler condenser. The industry representative justifying that as the system is having stripper, the sub cooler condenser is not required. This may be examined.
27.	All the process and vacuum leak sources shall be collected through fume extraction system connected to a Cryogenic condensation followed by activated charcoal bed to control air pollution.	Not complied.
28.	The industry shall take all necessary precautions to avoid seepages outside the industry premises and shall not discharge any effluents onland or outside the premises under any circumstances.	Mentioned below
29.	The industry shall provide storm water drains to avoid mixing of effluents/spillages with run-off water during rains.	Complied.
30.	The industry shall collect & store the Hazardous Solid waste in an elevated closed storage shed with impervious lining and Leachate collection system.	Complied.
31.	The industry shall carryout Leak Detection and Repair Study (LDAR) to assess the solvent losses and based on the study, the industry shall take necessary steps to arrest the solvent losses and reduce VOCs in the premises.	LDAR study was carried in the month of Dec' 2022.
32.	Under no circumstances the Hazardous Waste shall be burnt in the boiler.	Complied.

33.	The industry shall provide sufficient storage collection tank to ensure the collection of first run off rain water. The industry shall collect contaminated rain water and shall dispose the same to the CETP, after confirming to the influent standards of CETP or treat within the premises, duly maintaining separate records.	Complied. Completed the first run off rain water & seepage collection pit with bypass arrangement and above ground storage tank (300 KL). However, the industry has no system to quantify the first run off rain water collection and not maintaining any records.
34.	The industry shall provide arrangement to by-pass the rain water collection tank of first run off rain water for subsequent water flow.	
35.	The industry shall take measures to prevent the seepages such as cement concrete flooring with proper collection system to collect contaminants / spillages in the relevant areas in the industry premises.	Complied.
36.	The industry shall provide Stack Monitoring facility as per Emission Regulation part-3 (ERP-3) norms for all the major stacks of the industry within a period of two months.	Complied.
37.	The industry shall ensure that the Port hole and ladder facility for the Stacks is safe to carry out Stack monitoring. In place of monkey ladder, spiral type/scaffold ladder shall be provided to ensure safety of monitoring personnel within a period of two months.	Complied.
38.	The industry shall maintain records on source of starting raw material / Intermediates for each product-wise and the consolidated records shall be submitted to R.O., Nalgonda every month along with invoice copies of the starting raw materials outsourced.	--
39.	The industry shall maintain separate energy meters for recording energy consumption for air pollution control equipments and maintain record for daily energy consumption.	Complied.
40.	The evaporation losses in solvents shall be controlled by taking all preventive measures such as circulation of Chilled brine, transfer of solvents by using pumps instead of manual handling, closed centrifuges, providing primary & secondary condensers to all the reactor vents and all the solvent storage tanks and keeping solvent storage in ground storage tanks with closed pipeline to Reactors.	Complied.
41.	(a) The industry shall maintain the following records and the same shall be made available to the Board Officials during the inspection. 1. Daily production details. 2. Quantity of Effluents generated and reused. 3. Log Books for pollution control systems. 4. Daily solid waste generated and disposed (b)The industry shall submit consolidated statement of the above on monthly basis to the Concerned Regional Office.	---

42.	The industry shall implement the odour control measures at source of generation and from ETP and shall ensure to maintain the same effectively to control odour problems.	60 Partially complied. However, during inspection the scrubbers were not in operation. Not provided online pH meters
43.	The industry shall ensure that there shall not be any change in process technology and scope of working without prior approval from the Board.	Directed to comply
44.	As per G.O.Rt.No.286, the industry shall transport the industrial effluents and plying on the roads is allowed between 6 A.M. to 6 P.M. only.	Directed to comply
45.	The industry shall maintain concreted internal roads by cleaning regularly to avoid fugitive emissions due to vehicular movement.	Complied.
46.	The industry shall comply with the all the directions issued by the Board from time to time.	Details mentioned above.
47.	The applicant shall submit Environment statement in Form V to the Regional office before 30th September of every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.	Complied.
48.	The conditions stipulated in this order are without any prejudice to rights and contentions of this Board in any Hon'ble court of Law.	---

6. Earlier, the Board Officials collected effluent samples on 07.01.2023 and 27.05.2023 from the different stages of ZLD system. The values of the analysis reports are as given below:

On 07.01.2023:

Parameter	HTDS (Raw effluent)	Stripper Feed	MEE feed	MEE Condensate + LTDS	Aeration Tank - 2	RO Feed	RO Permeate
pH	5.09	4.98	4.96	9.34	7.97	7.36	7.66
TSS	837	1024	923	142	64	31	7
TDS	1,15,580	1,09,609	1,09,628	5129	1843	1520	1402
COD	54270	74925	79380	22275	336	271	107

Note: All values are in mg/L, except pH.

1. The difference in TDS values of RO feed and RO permeate is very less.
2. Less difference in COD values in stripper feed and MEE feed, which implies stripper inadequacy.

On 27.05.2023:

Parameter	HTDS (Raw effluent)	Stripper Feed	MEE feed	MEE Condensate + LTDS	Aeration Tank - 2	RO Feed	RO Permeate
pH	8.19	8.20	7.75	8.54	7.46	7.83	7.13
TSS	388	388	406	<5	220	98	<5
TDS	42030	42310	43300	1018	3720	3370	78
COD	66400	66800	24000	2400	952	948	36
BOD	--	--	--	--	277	268	4
Oil & Grease	--	--	--	--	BDL	BDL	BDL

Note: All values are in mg/L, except pH.

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Parameter	Cooling tower attached to MEE	Cooling tower attached to Production Block - C & D	Cooling tower attached to Production Block - A
pH	7.49	7.42	7.64
TSS	88	62	68
TDS	680	695	682
COD	236	224	244
BOD	23	21	24
Oil & Grease	BDL	BDL	BDL

Note: All values are in mg/L, except pH.

On 17.06.2023 (collected by Rolling TF team):

Parameter	Sample collected from Aeration Tank - I	Sample collected from Aeration Tank - II
pH	935	8.4
TSS	416	242
TDS	11462	5010
COD	4577	1188

Note: All values are in mg/L, except pH.
1. The TDS values of the sample collected from aeration tanks are very high.

11. **WHEREAS**, vide reference 8th cited, the above industry was reviewed in the Task Force Committee meeting held on 07.08.2023. After detailed discussion, the Committee recommended to defer the industry and also recommended to inspect the industry by the Task Force Committee Members and submit the status report to the Board within one week. The RO-Nalgonda was instructed to coordinate with EE, R&B to resolve the storm water drainage issue.
12. **WHEREAS**, vide reference 9th cited, the Hon'ble High Court orders dt.08.08.2023 regarding Environmental Compensation Levied by the TSPCB.
13. **WHEREAS**, vide reference 10th cited, the above industry were again reviewed in the Task Force Committee meeting held on 16.08.2023 in connection with Court Cases i.e., OA. No.97 of 2022 filed before Hon'ble NGT, Chennai and Hon'ble High Court orders dt.08.08.2023 regarding Environmental Compensation Levied by the TSPCB. After detailed discussion, the Committee recommended to defer the issue and directed the TF Committee Members to inspect the industry and submit the detailed report to the Board Office.
14. **WHEREAS**, vide reference 11th cite, the Task Force Committee Members inspected the industry and submitted a detailed report to the Board Office.
 1. The industry is in operation during inspection.
 2. The industry is having ZLD system consisting of stripper, MEE, ATFD and Biological ETP followed by RO Plant.
 3. The industry has provided Biological ETP. However, the industry has not developed the bio-culture in the aeration tank of the biological ETP. Clarifier is not in operation. This indicates that biological ETP is not working effectively.
 4. The industry provided new RO system with higher capacity and same was not in operation (which was not commissioned by the supplier, since they are not meeting the standards of the RO inlet). Hence, the industry is not treating LTDS effluents in Biological ETP followed by RO.
 5. Spillages were observed at MEE area and odour was observed.
 6. The industry has provided scrubbers to the production blocks. The details are as follows:
 - a) Production Block - A: The industry has provided double stage scrubber along with sub cooler condenser and activated charcoal bed
 - b) Production Block -A (Extension): The industry has provided double stage scrubber along with sub cooler condenser but not provided activated charcoal bed

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- c) Production Block – C: The industry has provided 2 Nos. of double stage scrubbers along with sub cooler condenser and activated charcoal bed.
- d) Production Block – D1 & D2: The industry has provided 2 Nos. of double stage scrubbers along with activated charcoal bed but not provided sub cooler condenser,
- e) Production Block – F: The industry has provided 3 Nos. of double stage scrubbers, but not provided sub cooler condenser & activated charcoal bed
- f) Production Block – H: The industry has provided double stage scrubber, but not provided sub cooler condenser & activated charcoal bed
- g) ATFD: The industry has provided double stage scrubber & activated charcoal bed, but not provided sub cooler condenser.
- h) Stripper and vacuum tub: The industry has provided double stage scrubber & sub cooler condenser but not provided activated charcoal bed.
- i) HTDS & Stripper Feed Tank: The industry has provided single stage scrubber & activated charcoal bed, but not provided sub cooler condenser.

- 7. The industry has not provided bypass provision for rain water collection tank.
- 8. They are storing spent acid tanks openly.
- 9. The odour was observed near production block and MEE area in the premises and VOC readings are 0.196 ppm, 0.214 ppm, 0.355 ppm, 0.411 ppm, 0.407 ppm, 0.419 ppm, 0.334 ppm&0.207 ppm.
- 10. The industry is a large-scale unit, and they are not having dedicated laboratory to measure the parameters of the ETP effluents and not having any environment cell to monitor the operation of the water and air pollution control systems. Most the labours working in the plant are not having PPE's.
- 11. The compliance status of the industry on the Non-Compliances reported in TF agenda dated:07.08.2023 (as per RTF report):

S.No	Observation	Compliance
1	Coal dust spillages observed on the road as they are transporting crushed coal from crusher to boiler through belt conveyer.	No coal dust spillages were observed on the road.
2	Odour was observed at MEE, ATFD, biological ETP and R&D lab.	Odour was observed at MEE, ATFD, biological ETP.
3	As per the consolidated statement submitted by the industry and generated about 66.3 KLD of LTDS effluents against consented capacity 29.5 KLD during the period from December 2022 to May 2023.	The committee directed the industry to submit the clarification on this observation.

- 12. The compliance status of the industry on the Non-Compliances mentioned in TF agenda dated:07.08.2023 (as per RO report):

1	The industry has not provided charcoal bed and sub cooler condensers to the scrubbers connected to production blocks A (extension), D1 & D2, F and H Blocks & ATFD and Stripper, which causes smell nuisance in the surrounding area.	Not complied
2	The industry has not provided online TDS meter to the HTDS effluents.	Not complied
3	The industry has not maintaining the records pertaining to quantity of first cut rain water collected and treated.	The industry is maintaining the logbook for rain water collection tank but not provided flow meter at rain water collection tank. The rainwater collection system is not connected properly, there is bypass, they need to arrest the bypass and ensure that rainwater is collected in the rain water collection tank and they

		have to provide gates for collection of first cut rain water in to tank and for bypass.
4	During inspection, leakages/ spillages of effluents were observed near MEE system.	Not complied Photo enclosed
5	The industry provided IP camera for boiler stack, at storm water drain, at main gate. However, the same is not connected to the Board server.	Not complied
6	During inspection, the scrubber is not in operation which was connected to HTDS collection tank and not provided online pH meters.	During the inspection, it was observed that, the industry has provided pH meter for scrubber at HTDS collection tank. scrubber was in operation.
7	The industry has provided PIION spray system But, the same was not in operation during inspection.	During the inspection, PIION system was in operation. But the same is not like a sprinkling system, it is like water leakage, which is not effective to control odour and odour was observed at MEE area.
8	The industry has not submitted latest LDAR study report.	The industry representative informed that they submitted the latest LDAR study to RO which was conducted in Aug'2023.
9	The industry has provided 1 No of VOC analyser and connected the same to the Board's server. The VOC analyser is placed at warehouse block. As per the online data, the values are found to be zero (period verified is from 01.06.2023 to 01.08.2023).	VOC is in working condition.

15. **WHEREAS**, vide reference 12th cited, you were given an opportunity for hearing before the Task Force Committee of the Board during the meeting held on 28.08.2023. The Complainants & industry representatives (Virtually), RO-Nalgonda have attended the meeting. After detailed discussions, the Committee recommended to issue directions and also recommended to forfeit the Bank Guarantee of Rs.24.0 Lakhs with certain directions.
16. **WHEREAS**, after careful consideration of the material facts of the case, **the Board hereby issues the following directions to comply with:**
1. The industry shall comply with all conditions stipulated in the CFO&HWA order issued by the Board scrupulously.
 2. The industry shall comply with all the conditions stipulated in the directions Order dated: 30.05.2023.
 3. The industry shall pay the Environmental Compensation (EC) of Rs.77,70,000/- as per the Hon'ble NGT Orders vide order dated:21.06.2023, you are hereby directed to deposit an amount of Rs.77,70,000/- (Rupees Seventy Seven Lakhs Seventy Thousand Only) towards Environmental Compensation. The amount shall be deposited by way of D.D drawn in favour of "Member Secretary, T.S Pollution Control Board" payable at Hyderabad.
 4. The industry shall continuously operate ZLD system so as to treat all the effluent and shall reuse all the treated effluent for plant needs and shall maintain the records.
 5. The industry shall maintain adequate bio-culture / MLSS in the aeration tank to operate biological ETP effectively thereby reduce load on the RO.
 6. The industry shall provide/maintain operate digital flow meters with IP cameras to ZLD system & provide/ maintain IP camera at main gate entrance. The industry shall provide / maintain PTZ camera to cover ZLD & boiler area. All the cameras shall be connected to the TSPCB Server.

7. The industry shall provide first runoff of rainwater & seepage collection pit with proper bypass arrangement for free flow of subsequent rain water (24 kL/acre). The collected contaminated rain water shall be pumped and stored in above ground level tank of adequate capacity and the same shall be treated within the premises or send to CETP for further treatment and disposal. 64
8. The industry shall provide digital flow meter for the first run off water and shall treat in their ZLD / dispose to CETP for further treatment.
9. The industry shall submit a fresh Bank Guarantee of Rs.24.0 Lakhs towards compliance of the above directions in favour of the Member Secretary, TSPCB, Hyderabad for a period of one year at concerned Regional office within in a week.
10. The industry shall recoup the Bank Guarantee of Rs.24.0 Lakhs towards Bank Guarantee forfeited to the Board from time to time before its expiry, till further orders of the Board
17. These orders are issued under Section 33(A) of Water (Prevention and Control of Pollution) Act, 1974 (as amended by Act 53 of 1988).
18. The above mentioned directives shall be implemented by the industry, failing which legal action will be initiated against your industry under Section 33(A) of Water (Prevention and Control of Pollution) Act, 1974 (as amended by Act 53 of 1988), directing closure of the industry in the interest of Public Health and Environment without any further notice.

Sd/-
MEMBER SECRETARY

To
M/s. Hazelo Lab Private Limited,
(Formerly M/s.Venlar Labs (P) Ltd)
Dhotigudem (V), Pochampally (M),
Yadadri Bhuvangiri District.

Copy to:

1. The JCEE, Z.O, R.C.Puram for information and necessary action.
2. The Environmental Engineer, Regional Office, Nalgonda for information necessary action. The RO is directed coordinate with the Task Force Committee Members to inspect the industry after four weeks to verify the compliances status of the industry.
3. Concerned file.

//T.C.F.B.O//


Senior Environmental Engineer
(Task Force - UH-IV)

This Order has the Digital Approval by the Member Secretary.

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TELANGANA STATE POLLUTION CONTROL BOARD
PARYAVARAN BHAVAN, A - 3, INDUSTRIAL ESTATE,
SANATHNAGAR, HYDERABAD - 500 018.

Phone: 23887500
Fax: 040 - 23815631
Website: tspcb.cgg.gov.in

BY REGD. POST WITH ACK. DUE

ORDER ISSUED UNDER AIR (P&C) AMENDMENT ACT, 1987

Order No. NLG-44/TSPCB/TF/HO/2023-742

Date: 13.09.2023

Sub : TSPCB - M/s. Hazelo Lab Private Limited, (Formerly M/s. Venlar Labs (P) Ltd), Dhotigudem (V), Pochampally (M), Yadadri Bhuvangiri District - Air (Prevention and Control of Pollution) Act 1981 (as amended by Act 47 of 1987) - **DIRECTIONS - ORDERS ISSUED** - Reg.

- Ref :**
1. CFO&HWA Order dated: 01.09.2022, valid upto 31.03.2027.
 2. Directions Orders issued on 06.12.2022 & 30.05.2023.
 3. Directions issued on 21.06.2023 for for Levying of Environmental Compensation.
 4. The Rolling Task Force team inspected the industry on 17.06.2023 & 01.07.2023.
 5. The Board received a complaint on twitter by Sri Panduchoppari@panduchoppari on 31.07.2023 regarding colored water stagnation in the Dhotigudem area and the same complaint forwarded by the District Collector, Yadadri Bhuvanagir.
 6. Complaints received from Villagers of Dhotigudem, Anthammagudem & Malkapur against the Pharma industries located in Dhotigudem village regarding pollution problems.
 7. The RO-Nalgonda Officials inspected the industry on 28.07.2023.
 8. Hearing held on 07.08.2023.
 9. The Hon'ble High Court vide orders dt.08.08.2023 disposed the WP No.20623 of 2023.
 10. The Task Force Committee Members inspected the industry on 10.08.2023 & 11.08.2023.
 11. Hearing held on 28.08.2023.

* * * * *

1. **WHEREAS**, you are operating the industry located at Dhotigudem (V), Pochampally (M), Yadadri Bhuvangiri District and engaged in manufacturing of Bulk Drugs Intermediates.
2. **WHEREAS**, vide reference 1st cited, the Board issued CFO&HWA to your industry on 01.09.2022 for expansion under phase-I with a validity period up to 31.03.2027.
3. **WHEREAS**, vide reference 2nd cited, the Board issued certain directions to the industry on 06.12.2022 & 30.05.2023 based on the observations made in the CPCB report.
4. **WHEREAS**, vide reference 3rd cited, the industry was reviewed in the Task Force Committee meeting held on 13.06.2023. Based on the recommendations of the Committee, the Board issued directions dt.21.06.2023 for levying Environmental Compensation (EC) of Rs.77,70,000/- along with other directions.
5. **WHEREAS**, vide reference 4th cited, the Rolling Task Force Team inspected the industry on 17.06.2023 & 01.07.2023 and certain observations were made.
6. **WHEREAS**, the industry have filed a Writ Petitions before Hon'ble High Court of Telangana praying the Hon'ble High Court to declare the orders issued by the Respondent Board, directing the petitioner industry to deposit an amount towards Environmental Compensation without giving any notice as arbitrary and irregular, contrary to law, without power and jurisdiction and set aside the same.

7. **WHEREAS**, vide reference 5th cited, the Board received a complaint on twitter by Sri Panduchoppari@panduchoppari on 31.07.2023 regarding colored water stagnation in the Dothigudem area. The Board also received the same complaint by Sri Panduchoppari regarding colored water stagnation in the Dothigudem area forwarded by the District Collector, Yadadri-Bhuvanagiri District.

8. **WHEREAS**, the Hon'ble High Court vide orders dt.08.08.2023 disposed the WP No.20623 of 2023 with following directions:

"Therefore, we are not inclined to entertain this writ petition. However, the petitioner is granted the liberty to take recourse to the remedy of statutory appeal available to him. Needless to state that in case the petitioner files an appeal within a period of two weeks, the National Green Tribunal shall entertain the appeal preferred by the petitioner. Writ petition is accordingly disposed of".

9. **WHEREAS**, vide reference 6th cited, the Board received complaints from Villagers of Dothigudem, Anthammagudem & Malkapur against the Pharma industries located in Dothigudem village regarding pollution problems.

10. **WHEREAS**, vide reference 7th cited, the RO-Nalgonda Officials inspected the industry on 28.07.2023 and the following observations were made:

1. The industry is in operation during inspection.
2. The status of compliance of the industry on Board Task Force directions Order dt.30.05.2023 issued Under Air (P&C) Amendment Act, 1987 is submitted below:

S. No	Direction	Compliance
1.	The industry shall take all odour control measures and operate the same regularly to avoid odour nuisance to the surrounding environment.	The industry as provided following scrubbers: i. Production block - A: Provided 2 stage scrubber along with sub cooler condenser and Activated charcoal bed. ii. Production block - A (extension): Provided 2 stage scrubber alongwith sub cooler condenser. Activated charcoal bed not provided. iii. Production block - B: Dismantled. iv. Production block - C: 2 x 2 stage scrubbers. Activated charcoal bed provided and sub cooler condenser provided. v. Production block - D1 & D2: 2 x 2 stage scrubbers. Activated charcoal bed and sub cooler condenser not provided. vi. Production block - E: Hydrogenation block. vii. Production block - F: 3 Nos double stage scrubbers provided, but not provided activated charcoal bed and sub cooler condensers. viii. Production block - H: 1 Nos double stage scrubbers provided, but not provided activated charcoal bed and sub cooler condensers. ix. ATFD: Provided 2 stage scrubber and activated charcoal bed. Not provided sub cooler condenser. The industry representative justifying that as the system is having stripper, the sub cooler condenser is not required. This may be examined. x. Stripper & vaccum tub:

	(67)	<p>Provided 2 stage scrubber along with sub cooler condenser. Activated charcoal bed not provided.</p> <p>xi. HTDS & stripper fed tank: 1 stage scrubber. Activated charcoal bed and sub cooler condenser not provided.</p> <p>xii. HCl tank: 1 stage scrubber. Activated charcoal bed and sub cooler condenser not provided.</p>
2.	The industry shall provide & maintain dome with suction hood followed by double stage scrubber with online pH meter to the HTDS effluent storage tanks to control the odour nuisance.	<p>Partially complied.</p> <p>However, during inspection the scrubbers were not in operation. Not provided online pH meters</p>
3.	The industry shall install & maintain sub cooler condensers system followed by activated charcoal bed to the vents of scrubbing system connected to HTDS collection tank so as to arrest the VOCs.	Not complied.
4.	The industry shall install & maintain sub cooler condensers system followed by activated charcoal bed so as to arrest the VOCs from the scrubber attached to ATFD.	<p>Provided two stage scrubber with activated charcoal bed. However, not provided sub cooler condenser. The industry representative justifying that as the system is having stripper, the sub cooler condenser is not required. This may be examined.</p>
5.	The industry shall continuously operate scrubbers with online pH meter for control of process emissions and shall take appropriate additional measures for control smell nuisance within & outside the industry premises.	Mentioned at point no:1
6.	The industry shall operate & maintain online VOC monitoring system and connect the same to the Board server.	Complied
7.	The industry shall provide odour suppressant mist spray / sprinkle "PIION" liquid at effluent treatment area to contain VOCs.	<p>Provided.</p> <p>But, the same was not in operation during inspection.</p>
8.	The industry shall provide & maintain the vent condensers for all the solvent storage / chemical storage tanks to control the fugitive emissions.	Complied
9.	The industry shall conduct the LDAR study once in six months. The industry shall take necessary measures as per the latest Leak Detection and Repair (LDAR) Study to arrest the solvent losses and reduce VOCs in the premises.	<p>Not Complied.</p> <p>LDAR study was carried in the month of Dec' 2022.</p>
10.	The industry shall not cause any air pollution to the surrounding area.	<p>The Board receiving regular complaints from villagers of Dothigudem and Anthammagudem regarding odour nuisance from the industries located in the area specifically from M/s. Hazelo Laboratories.</p> <p>The Anthammagudem village is located towards West side to the Dothigudem</p>

		<p>Bulk Drug Industries cluster about 650 mtrs away. During winter season, the predominant wind direction is towards West & South-West i.e, towards village side.</p> <p>The industry has provided one no VOC analyser and connected the same to the Board's server. The VOC analyser is placed at warehouse block. As per the online data, the values are found to be zero (period verified is from 01.06.2023 to 01.08.2023).</p> <p>During inspection on 01.08.2023, the reading in VOC analyser was observed 2.80 PPM (photograph enclosed). However, the online data showing zero value. This may be examined.</p> <p>In view of complaints regarding odour nuisance, the industry may be directed to provide additional VOC meters towards Anthammagudem village and Dothigudem village.</p>
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3. The status of compliance of the industry on Board Task Force Levying of Environmental Compensation Additional directions Order dt.21.06.2023:

S. No	Direction	Compliance
1	The industry shall maintain sufficient free board to avoid overflows in effluent collection tanks and shall dispose the same as per CFO & HWA conditions.	Complied
2	The industry shall not stock the effluents in the collections tanks and shall treat the effluents in ZLD system / send to the CETP to avoid any over flow in view of the rainy season.	Complied

4. The status of compliance of the industry towards CFO Schdule - B conditions (CFO order dt.220523957956, Dt.01.09.2022) is submitted below:

S. No	Direction	Compliance																																										
1.	<p>Total fresh Water Consumption shall not exceed 243.7 KLD</p> <table border="1" style="width: 100%;"> <thead> <tr> <th>S. No</th> <th>Purpose</th> <th>Quantity (KLD)</th> </tr> </thead> <tbody> <tr><td>1</td><td>Process</td><td>38.90</td></tr> <tr><td>2</td><td>Washings</td><td>5.5</td></tr> <tr><td>3</td><td>Scrubber</td><td>5.3</td></tr> <tr><td>4</td><td>Boiler Feed</td><td>31.5</td></tr> <tr><td>5</td><td>Cooling tower make-up</td><td>64.8</td></tr> <tr><td>6</td><td>RO/DH rejects</td><td>7.0</td></tr> <tr><td>7</td><td>Domestic</td><td>3.5</td></tr> <tr><td>8</td><td>Gardening</td><td>3.5</td></tr> <tr> <td colspan="2" style="text-align: center;">Total</td> <td>243.7 KLD (Fresh -156 KLD + Recycled - 85.8 KLD)</td> </tr> </tbody> </table>	S. No	Purpose	Quantity (KLD)	1	Process	38.90	2	Washings	5.5	3	Scrubber	5.3	4	Boiler Feed	31.5	5	Cooling tower make-up	64.8	6	RO/DH rejects	7.0	7	Domestic	3.5	8	Gardening	3.5	Total		243.7 KLD (Fresh -156 KLD + Recycled - 85.8 KLD)	As per the records, the water consumption for the period Dec' 22 to July' 23 is 26.16 KLD, against the permitted quantity of 1243.7 KLD.												
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3.	<p>The emissions shall not contain constituents in excess of the prescribed limits mentioned below.</p> <table border="1" style="width: 100%;"> <thead> <tr> <th>Chimney No.</th> <th>Description of Chimney</th> <th>Parameter</th> <th>Emission standards</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Attached to Combined Boiler of capacity 1 & 4 TPH</td> <td>SO₂</td> <td>115 mg/Nm³ 460 mg/Nm³ At 5% dry O₂ for solid fuel and 13% dry O₂ for liquid fuel</td> </tr> </tbody> </table>	Chimney No.	Description of Chimney	Parameter	Emission standards	1	Attached to Combined Boiler of capacity 1 & 4 TPH	SO ₂	115 mg/Nm ³ 460 mg/Nm ³ At 5% dry O ₂ for solid fuel and 13% dry O ₂ for liquid fuel	The Board has received oral complaints regarding emissions from boiler. The Board could not conduct the air quality monitoring due to prevailing rains in the area																																		
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		SO ₂ *	300 mg/m ³ At 4% dry O ₂ for solid fuel and 2% dry O ₂ for liquid fuel 215 mg/m ³ 400 mg/m ³ At 4% dry O ₂ for solid fuel and 2% dry O ₂ for liquid fuel 300 mg/m ³ At 4% dry O ₂ for solid fuel and 2% dry O ₂ for liquid fuel	and propose to conduct after rains subside. 69
4.	The industry shall not manufacture any un-consented products and exceeding capacities without obtaining prior Consent for Establishment (CFE) and Consent for Operation (CFO) of the Board. The industry shall restrain to 210 TPM out 600 TPM vide CFE order dt. 29.05.2022.	SPM	115 mg/m ³	As per records, the industry has manufactured Guanine - 1975 Kg/day, against consented capacity of 693 Kg/day and AME (e-acetyl Ethoxy acetyl methyl ether) - 630 Kg/day, against consented capacity of 570.5 Kg/day. The industry has exceeded individual permitted quantities of both the products. However, on an average, the industry has manufactured 2600 Kg/day, within the total permitted quantity of 7000 Kg/day.
5.	The industry shall comply with emission limits for DG sets upto 800 KW as per the Notification G.S.R.520 (E), dated 01.07.2003 under the Environment (Protection) Amendment Rules, 2003 and G.S.R.448(E), dated 12.07.2004 under the Environment (Protection) Second Amendment Rules, 2004. In case of DG sets more than 800 KW should comply with emission limits as per the Notification G.S.R.489 (E), dated 09.07.2002 at serial no.96, under the Environment (Protection) Act, 1986.			---
6.	The industry shall comply with ambient air quality standards of PM ₁₀ (Particulate Matter size less than 10µm) - 100 µg/m ³ ; PM _{2.5} (Particulate Matter size less than 2.5 µm) - 60 µg/m ³ ; SO ₂ - 80 µg/m ³ ; NO _x - 80 µg/m ³ , outside the factory premises at the periphery of the industry. Standards for other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009 Noise Levels: Day time - (6 AM to 10 PM) - 75 dB (A) Night time - (10 PM to 6 AM) - 70 dB (A).			The Board has received oral complaints regarding emissions from boiler. The Board could not conduct the air quality monitoring due to prevailing rains in the area and propose to conduct after rains subside.
7.	The industry has paid CFO fee Rs. 2,62,500 /- for a period upto 31.03.2023.			Not complied. (Notice issued).
8.	The industry shall pay balance consent fee annually as per rates notified in G.O.Ms.No.22. The payment of annual consent fee shall be made at the concerned RO for every financial year (i.e., April to March) within the stipulated time period i.e., 1st quarter of every financial year (April to June) is mandatory for the industry / project, failing which, the validity of the Consent Order automatically stands cancelled and operation industry / project without valid consent attracts penal action under the provision of Water Act, Air Act &			

	Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.	
9.	The industry either paying annual fee or total fee for Consented period, shall pay the balance fee as per the revised rates as applicable from time to time.	
10.	The industry shall maintain separate water meters for recording water consumption for process, boiler feed, cooling and domestic purposes and also maintain daily records.	Complied.
11.	The industry shall segregate effluents into LTDS & HTDS effluents separately.	<p>Earlier, the industry has claimed that they are treating the LTDS along with HTDS effluents. The online LTDS flow meter was also verified and found no values recorded. The same was reported to the Hon'ble NGT vide report dt.20.02.2023.</p> <p>Earlier, during inspection on 27.05.2023, the aerations tanks observed with raw effluents and no MLSS was observed. Which clearly indicate that the industry is still not operating the Bio-ETP. The industry representative informed to the Board Officials that they have power load problem (low permitted load) and will be rectified in a week and thereafter will continuously operate the Bio-ETP.</p> <p>The Board receiving regular complaints from villagers of Anthamagudem and Dothigudem regarding odour nuisance from the industry especially from new ZLD system.</p> <p>During inspection on 27.07.2023, the aeration tanks were observed operating. The Board Officials collected samples on 28.07.2023 to verify the operation / efficiency of Bio-ETP.</p>
12.	The industry shall maintain vent condensers for chemical / solvent storage tanks to control fugitive emissions	Complied.
13.	The industry shall maintain separate water meters for recording water consumption for process, boiler feed, Cooling and domestic purposes and also maintain daily records.	Complied.
14.	The industry shall maintain digital flow meters with totalisers (RS-485 communication) for recording the quantity of HTDS, LTDS effluent & RO permeate and also maintain daily records. They shall connect the flow totaliser data to TSPCB & CPCB servers as per CPCB protocol. They shall also install digital flow meter at RO permeate and connect the same to TSPCB & CPCB server.	Complied.

15.	<p>The industry shall maintain 2 stage scrubber along with online pH monitoring system to all the production blocks for control of process emissions. They shall maintain log book for operation of scrubber for monitoring active scrubbing media.</p> <p style="text-align: right;">(71)</p>	<p>The industry as provided following scrubbers:</p> <ul style="list-style-type: none"> i. Production block - A: Provided 2 stage scrubber along with sub cooler condenser and Activated charcoal bed. ii. Production block - A (extension): Provided 2 stage scrubber alongwith sub cooler condenser. Activated charcoal bed not provided. iii. Production block - B: Dismantled. iv. Production block - C: 2 x 2 stage scrubbers. Activated charcoal bed provided and sub cooler condenser provided. v. Production block - D1 & D2: 2 x 2 stage scrubbers. Activated charcoal bed and sub cooler condenser not provided. vi. Production block - E: Hydrogenation block. vii. Production block - F: 3 Nos double stage scrubbers provided, but not provided activated charcoal bed and sub cooler condensers. viii. Production block - H: 1 Nos double stage scrubbers provided, but not provided activated charcoal bed and sub cooler condensers. ix. ATFD: Provided 2 stage scrubber and activated charcoal bed. Not provided sub cooler condenser. The industry representative justifying that as the system is having stripper, the sub cooler condenser is not required. This may be examined. x. Stripper & vaccum tub: Provided 2 stage scrubber along with sub cooler condenser. Activated charcoal bed not provided. xi. HTDS & stripper fed tank: 1 stage scrubber. Activated charcoal bed and sub cooler condenser not provided. xii. HCl tank: 1 stage scrubber. Activated charcoal bed and sub cooler condenser not provided.
16.	<p>The industry shall monitor VOCs in ambient air with online VOC analyze with proper range & connect the same to TSPCB server.</p>	Complied
17.	<p>The industry shall maintain elevated platform with leachate/spillages collection pit to store drums containing chemicals & wastes to control spillages / discharges of chemicals / effluents on ground.</p>	Complied
18.	<p>The industry shall maintain IP camera</p>	Complied

	with PAN, TILT Zoom, 5x or above focal length, with night vision capability at effluent collection system (HTDS, LTDS & RO permeate) as per CPCB norms and at back side of the industry covering total view of the drain. They shall connect the data to CPCB & TSPCB server.	
19.	The industry shall provide and operate IP Camera with PAN, Zoom, 5x or above focal length, with night vision capability, at main gate entrance & at other gates where there is movement of effluent tankers, Solvent tankers, Chemical tankers, Hazardous Waste carrying vehicles & other material carrying vehicles. These cameras shall be connected to the website of TSPCB, with minimum backup of three months.	Not Complied. Camera provided, but not connected to the TSPCB Server.
20.	During the maintenance / breakdown of ZLD system, the industry is permitted to send HTDS effluents to the MEE system of M/s. JETL, Jeedimetla and LTDS effluents to M/s. PETL, Patancheru duly meeting the inlet standards stipulated at Schedule -B for not more than 15 days, in a calendar year and shall maintain records.	---
21.	The industry shall provide and maintain hood with extraction systems to the HTDS collection tanks and connect to the scrubbers to control the odor problem.	Partially complied. However, during inspection the scrubbers were not in operation. Not provided online pH meters.
22.	The industry shall install on line TDS meter for HTDS effluent generation. They shall maintain the records for effluent generation, TDS values, salts generation on daily basis.	Not complied.
23.	The industry shall develop greenbelt as per norms.	Developed good green belt.
24.	The industry shall provide adequate closed storage facilities above the ground with proper lining for storage of effluents before its treatment.	Complied
25.	The industry shall not use effluents in cooling towers under any circumstances.	The Board Officials collected samples on 07.01.2023 from the cooling towers and submitted to Zonal Laboratory for analysis. As per analysis report, the TDS values in MEE Cooling tower, Production Block - C&D cooling tower & Production Block - A cooling tower is found to be 11,560 mg/L, 750 mg/L and 1054 mg/L. As per analysis report, the COD values in MEE Cooling tower, Production Block - C&D cooling tower & Production Block - A cooling tower is found to be 5658 mg/L, 211 mg/L and 1377 mg/L. The TDS and COD values of MEE cooling tower are very high.

	73	<p>The COD value of Cooling tower attached to Production Block - A is high.</p> <p>The Board Officials also collected effluent samples on 27.05.2023 from cooling towers and submitted to the Zonal Lab, RC Puram for analysis.</p> <p>As per analysis report, the TDS and COD values in MEE Cooling tower, Production Block - C&D cooling tower & Production Block - A cooling tower is found to be in the range of 680 to 695 mg/L and 224 to 244 mg/L respectively.</p>
26.	The industry shall maintain sub cooler condensers system followed by activated charcoal bed so as to arrest the VOCs from the scrubber attached to ATFD.	Provided two stage scrubber with activated charcoal bed. However, not provided sub cooler condenser. The industry representative justifying that as the system is having stripper, the sub cooler condenser is not required. This may be examined.
27.	All the process and vacuum leak sources shall be collected through fume extraction system connected to a Cryogenic condensation followed by activated charcoal bed to control air pollution.	Not complied.
28.	The industry shall take all necessary precautions to avoid seepages outside the industry premises and shall not discharge any effluents onland or outside the premises under any circumstances.	Mentioned below
29.	The industry shall provide storm water drains to avoid mixing of effluents/spillages with run-off water during rains.	Complied.
30.	The industry shall collect & store the Hazardous Solid waste in an elevated closed storage shed with impervious lining and Leachate collection system.	Complied.
31.	The industry shall carryout Leak Detection and Repair Study (LDAR) to assess the solvent losses and based on the study, the industry shall take necessary steps to arrest the solvent losses and reduce VOCs in the premises.	LDAR study was carried in the month of Dec' 2022.
32.	Under no circumstances the Hazardous Waste shall be burnt in the boiler.	Complied.
33.	The industry shall provide sufficient storage collection tank to ensure the collection of first run off rain water. The industry shall collect contaminated rain water and shall dispose the same to the CETP, after confirming to the influent standards of CETP or treat within the premises, duly maintaining separate records.	<p>Complied.</p> <p>Completed the first run off rain water & seepage collection pit with bypass arrangement and above ground storage tank (300 KL).</p> <p>However, the industry has no system to quantify the first run off rain water collection and not maintaining any records.</p>
34.	The industry shall provide arrangement to by-pass the rain water collection tank of first run off rain water for subsequent water flow.	
35.	The industry shall take measures to prevent the seepages such as cement	Complied.

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	concrete flooring with proper collection system to collect contaminants / spillages in the relevant areas in the industry premises.	
36.	The industry shall provide Stack Monitoring facility as per Emission Regulation part-3 (ERP-3) norms for all the major stacks of the industry within a period of two months.	Complied.
37.	The industry shall ensure that the Port hole and ladder facility for the Stacks is safe to carry out Stack monitoring. In place of monkey ladder, spiral type/scaffold ladder shall be provided to ensure safety of monitoring personnel within a period of two months.	Complied.
38.	The industry shall maintain records on source of starting raw material / Intermediates for each product-wise and the consolidated records shall be submitted to R.O., Nalgonda every month along with invoice copies of the starting raw materials outsourced.	--
39.	The industry shall maintain separate energy meters for recording energy consumption for air pollution control equipments and maintain record for daily energy consumption.	Complied.
40.	The evaporation losses in solvents shall be controlled by taking all preventive measures such as circulation of Chilled brine, transfer of solvents by using pumps instead of manual handling, closed centrifuges, providing primary & secondary condensers to all the reactor vents and all the solvent storage tanks and keeping solvent storage in ground storage tanks with closed pipeline to Reactors.	Complied.
41.	(a) The industry shall maintain the following records and the same shall be made available to the Board Officials during the inspection. <ol style="list-style-type: none"> 1. Daily production details. 2. Quantity of Effluents generated and reused. 3. Log Books for pollution control systems. 4. Daily solid waste generated and disposed (b)The industry shall submit consolidated statement of the above on monthly basis to the Concerned Regional Office.	---
42.	The industry shall implement the odour control measures at source of generation and from ETP and shall ensure to maintain the same effectively to control odour problems.	Partially complied. However, during inspection the scrubbers were not in operation. Not provided online pH meters
43.	The industry shall ensure that there shall not be any change in process technology and scope of working without prior approval from the Board.	Directed to comply
44.	As per G.O.Rt.No.286, the industry shall transport the industrial effluents and plying on the roads is allowed between	Directed to comply

	6 A.M. to 6 P.M. only.	
45.	The industry shall maintain concreted internal roads by cleaning regularly to avoid fugitive emissions due to vehicular movement.	Complied. (75)
46.	The industry shall comply with the all the directions issued by the Board from time to time.	Details mentioned above.
47.	The applicant shall submit Environment statement in Form V to the Regional office before 30th September of every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.	Complied.
48.	The conditions stipulated in this order are without any prejudice to rights and contentions of this Board in any Hon'ble court of Law.	---

5. Earlier, the Board Officials collected effluent samples on 07.01.2023 and 27.05.2023 from the different stages of ZLD system. The values of the analysis reports are as given below:

On 07.01.2023:

Parameter	HTDS (Raw effluent)	Stripper Feed	MEE feed	MEE Condensate + LTDS	Aeration Tank - 2	RO Feed	RO Permeate
pH	5.09	4.98	4.96	9.34	7.97	7.36	7.66
TSS	837	1024	923	142	64	31	7
TDS	1,15,580	1,09,609	1,09,628	5129	1843	1520	1402
COD	54270	74925	79380	22275	336	271	107

Note: All values are in mg/L, except pH.

- The difference in TDS values of RO feed and RO permeate is very less.
- Less difference in COD values in stripper feed and MEE feed, which implies stripper inadequacy.

On 27.05.2023:

Parameter	HTDS (Raw effluent)	Stripper Feed	MEE feed	MEE Condensate + LTDS	Aeration Tank - 2	RO Feed	RO Permeate
pH	8.19	8.20	7.75	8.54	7.46	7.83	7.13
TSS	388	388	406	<5	220	98	<5
TDS	42030	42310	43300	1018	3720	3370	78
COD	66400	66800	24000	2400	952	948	36
BOD	--	--	--	--	277	268	4
Oil & Grease	--	--	--	--	BDL	BDL	BDL

Note: All values are in mg/L, except pH.

Parameter	Cooling tower attached to MEE	Cooling tower attached to Production Block - C & D	Cooling tower attached to Production Block - A
pH	7.49	7.42	7.64
TSS	88	62	68
TDS	680	695	682
COD	236	224	244
BOD	23	21	24
Oil & Grease	BDL	BDL	BDL

Note: All values are in mg/L, except pH.

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On 17.06.2023 (collected by Rolling TF team):

Parameter	Sample collected from Aeration Tank - I	Sample collected from Aeration Tank - II
pH	935	8.4
TSS	416	242
TDS	11462	5010
COD	4577	1188

Note: All values are in mg/L, except pH.
2. The TDS values of the sample collected from aeration tanks are very high.

11. **WHEREAS**, vide reference 8th cited, the above industry was reviewed in the Task Force Committee meeting held on 07.08.2023. After detailed discussion, the Committee recommended to defer the industry and also recommended to inspect the industry by the Task Force Committee Members and submit the status report to the Board within one week. The RO-Nalgonda was instructed to coordinate with EE, R&B to resolve the storm water drainage issue.
12. **WHEREAS**, vide reference 9th cited, the Hon'ble High Court orders dt.08.08.2023 regarding Environmental Compensation Levied by the TSPCB.
13. **WHEREAS**, vide reference 10th cited, the above industry were again reviewed in the Task Force Committee meeting held on 16.08.2023 in connection with Court Cases i.e., OA. No.97 of 2022 filed before Hon'ble NGT, Chennai and Hon'ble High Court orders dt.08.08.2023 regarding Environmental Compensation Levied by the TSPCB. After detailed discussion, the Committee recommended to defer the issue and directed the TF Committee Members to inspect the industry and submit the detailed report to the Board Office.
14. **WHEREAS**, vide reference 11th cite, the Task Force Committee Members inspected the industry and submitted a detailed report to the Board Office.
 1. The industry is in operation during inspection.
 2. The industry is having ZLD system consisting of stripper, MEE, ATFD and Biological ETP followed by RO Plant.
 3. The industry has provided Biological ETP. However, the industry has not developed the bio-culture in the aeration tank of the biological ETP. Clarifier is not in operation. This indicates that biological ETP is not working effectively.
 4. The industry provided new RO system with higher capacity and same was not in operation (which was not commissioned by the supplier, since they are not meeting the standards of the RO inlet). Hence, the industry is not treating LTDS effluents in Biological ETP followed by RO.
 5. Spillages were observed at MEE area and odour was observed. Photograph of MEE area.
 6. The industry has provided scrubbers to the production blocks. The details are as follows:
 - a) Production Block - A: The industry has provided double stage scrubber along with sub cooler condenser and activated charcoal bed
 - b) Production Block -A (Extension): The Industry has provided double stage scrubber along with sub cooler condenser but not provided activated charcoal bed.
 - c) Production Block - C: The industry has provided 2 Nos. of double stage scrubbers along with sub cooler condenser and activated charcoal bed.
 - d) Production Block - D1 & D2: The industry has provided 2 Nos. of double stage scrubbers along with activated charcoal bed but not provided sub cooler condenser.
 - e) Production Block - F: The industry has provided 3 Nos. of double stage scrubbers, but not provided sub cooler condenser & activated charcoal bed.
 - f) Production Block - H: The industry has provided double stage scrubber, but not provided sub cooler condenser & activated charcoal bed.

- g) ATFD: The industry has provided double stage scrubber & activated charcoal bed, but not provided sub cooler condenser. (77)
- h) Stripper and vacuum tub: The industry has provided double stage scrubber & sub cooler condenser but not provided activated charcoal bed.
- i) HTDS & Stripper Feed Tank: The industry has provided single stage scrubber & activated charcoal bed, but not provided sub cooler condenser.

7. The industry has not provided bypass provision for rain water collection tank.
8. They are storing spent acid tanks openly.
9. The odour was observed near production block and MEE area in the premises and VOC readings are 0.196 ppm, 0.214 ppm, 0.355 ppm, 0.411 ppm, 0.407 ppm, 0.419 ppm, 0.334 ppm & 0.207 ppm.
10. The industry is a large-scale unit, and they are not having dedicated laboratory to measure the parameters of the ETP effluents and not having any environment cell to monitor the operation of the water and air pollution control systems. Most the labours working in the plant are not having PPE's.
11. The compliance status of the industry on the Non-Compliances reported in TF agenda dated: 07.08.2023 (as per RTF report):

S.No	Observation	Compliance
1	Coal dust spillages observed on the road as they are transporting crushed coal from crusher to boiler through belt conveyer.	No coal dust spillages were observed on the road.
2	Odour was observed at MEE, ATFD, biological ETP and R&D lab.	Odour was observed at MEE, ATFD, biological ETP.
3	As per the consolidated statement submitted by the industry and generated about 66.3 KLD of LTDS effluents against consented capacity 29.5 KLD during the period from December 2022 to May 2023.	The committee directed the industry to submit the clarification on this observation.

12. The compliance status of the industry on the Non-Compliances mentioned in TF agenda dated: 07.08.2023 (as per RO report):

1	The industry has not provided charcoal bed and sub cooler condensers to the scrubbers connected to production blocks A (extension), D1 & D2, F and H Blocks & ATFD and Stripper, which causes smell nuisance in the surrounding area.	Not complied
2	The industry has not provided online TDS meter to the HTDS effluents.	Not complied
3	The industry has not maintaining the records pertaining to quantity of first cut rain water collected and treated.	The industry is maintaining the logbook for rain water collection tank but not provided flow meter at rain water collection tank. The rainwater collection system is not connected properly, there is bypass, they need to arrest the bypass and ensure that rainwater is collected in the rain water collection tank and they have to provide gates for collection of first cut rain water in to tank and for bypass.
4	During inspection, leakages/ spillages of effluents were observed near MEE system.	Not complied Photo enclosed
5	The industry provided IP camera for boiler stack, at storm water	Not complied

	drain, at main gate. However, the same is not connected to the Board server.	
6	During inspection, the scrubber is not in operation which was connected to HTDS collection tank and not provided online pH meters.	During the inspection, it was observed that, the industry has provided pH meter for scrubber at HTDS collection tank. scrubber was in operation.
7	The industry has provided PIION spray system But, the same was not in operation during inspection.	During the inspection, PIION system was in operation. But the same is not like a sprinkling system, it is like water leakage, which is not effective to control odour and odour was observed at MEE area.
8	The industry has not submitted latest LDAR study report.	The industry representative informed that they submitted the latest LDAR study to RO which was conducted in Aug'2023.
9	The industry has provided 1 No of VOC analyser and connected the same to the Board's server. The VOC analyser is placed at warehouse block. As per the online data, the values are found to be zero (period verified is from 01.06.2023 to 01.08.2023).	VOC is in working condition.

15. **WHEREAS**, vide reference 12th cited, you were given an opportunity for hearing before the Task Force Committee of the Board during the meeting held on 28.08.2023. The Complainants & industry representatives (Virtually), RO-Nalgonda have attended the meeting. After detailed discussions, the Committee recommended to issue Extension of Temporary Revocation of Closure Orders for a period upto 31.10.2023 and also recommended to forfeit the Bank Guarantee of Rs.24.0 Lakhs with certain directions.
16. **WHEREAS**, after careful consideration of the material facts of the case, **the Board hereby issues the following directions to comply with:**
1. The industry shall comply with all conditions stipulated in the CFO&HWA order issued by the Board scrupulously.
 2. The industry shall comply with all the conditions stipulated in the directions Order dated: 30.05.2023.
 3. The industry shall pay the Environmental Compensation (EC) of Rs.77,70,000/- as per the Hon'ble NGT Orders vide order dated:21.06.2023, you are hereby directed to deposit an amount of Rs.77,70,000/- (Rupees Seventy Seven Lakhs Seventy Thousand Only) towards Environmental Compensation. The amount shall be deposited by way of D.D drawn in favour of "Member Secretary, T.S Pollution Control Board" payable at Hyderabad.
 4. The industry shall provide odour suppressant mist spray / sprinkle "PIION" liquid at effluent treatment area to control VOCs within one month.
 5. The industry shall conduct the LDAR study once in six months. The industry shall take necessary measures as per the latest Leak Detection and Repair (LDAR) Study to arrest the solvent losses and reduce VOCs in the premises.
17. These orders are issued under Section 31(A) of the Air (Prevention and Control of Pollution) Act 1981 (as amended by Act 47 of 1987).



TELANGANA STATE POLLUTION CONTROL BOARD
PARYAVARAN BHAVAN, A - 3, INDUSTRIAL ESTATE,
SANATHNAGAR, HYDERABAD - 500 018.

Phone: 040-23887500
Fax: 040-23815631
Website: tspcb.cgg.gov.in

Letter No. NLG-44/TSPCB/TF/HO/2023-743

Date: 13.09.2023

Sub : TSPCB – M/s. Hazelo Lab Private Limited, (Formerly M/s. Venlar Labs (P) Ltd), Dhotigudem (V), Pochampally (M), Yadadri Bhuvangiri District – Non-compliance of the Consent conditions and directions issued by the Board – **Forfeiture of Bank Guarantee of Rs.24.0 Lakhs**- Reg.

Ref : Task Force Committee meeting held on 28.08.2023.

* * * * *

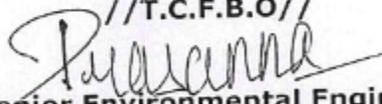
The Compliance status of the Board Directions and CFO&HWA conditions issued to **M/s. Hazelo Lab Private Limited, (Formerly M/s. Venlar Labs (P) Ltd), Dhotigudem (V), Pochampally (M), Yadadri Bhuvangiri District** was reviewed in the Task Force Committee meeting held on 28.08.2023. After detailed discussions, the Committee recommended to impose the Bank Guarantee of Rs.24.0 lakhs and forfeit the same.

In view of the above, the EE, RO, Nalgonda is hereby directed to obtain a fresh B.G. of Rs.24.0 Lakhs and address a letter to the Bank authorities to forfeit Bank Guarantee amount of Rs.24.0 Lakhs immediately for non-compliance of the directions and obtain the forfeited amount by way of D.D drawn in favour of "Member Secretary, T.S Pollution Control Board" and submit to Board office.

Further, the RO is directed to obtain B.G. of Rs.24.0 Lakhs from the industry to recoup the amount of Bank Guarantee forfeited.

Sd/-
MEMBER SECRETARY

To
The Environmental Engineer,
T.S.Pollution Control Board,
Regional Office,
Nalgonda.

//T.C.F.B.O//

Senior Environmental Engineer
(Task Force - UH-IV)

This Order has the Digital Approval by the Member Secretary.

o/c



BY REGD. POST WITH ACK. DUE

Ameyuvc - VI

ORDERS ISSUED UNDER WATER (P&CP) AMENDMENT ACT, 1988

Order No. NLG-14/TSPCB/TF/HO/2023-

762 (81)

Date: 13.09.2023

Sub: TSPCB - M/s. Ravoos Laboratories Limited (Formerly M/s. Silicon Drugs & Intermediates (P) Ltd., M/s. Anvija Pharmaceuticals (P) Ltd.), Sy.No.210, Dothigudem (V), Pochampally (M), Yadadri Bhuvanagiri District - Water (Prevention and Control of Pollution) Act, 1974 (as amended by Act 53 of 1988) - Extension of Temporary Revocation of Closure Order for a period up to 31.10.2023 - Orders Issued - Reg.

- Ref :**
1. CFO&HWA order dt.28.05.2022 valid up to 31.03.2026.
 2. Closure Order No. NLG-14/TSPCB/TF/HO/2016-2150, dt.02.03.2022.
 3. Temporary Revocation of Closure Order No.NLG-14/TSPCB/TF/HO/2016, Dt: 30.03.2022.
 4. The Hon'ble NGT, Chennai has issued directions vide Order dated: 17.01.2023.
 5. The Board issued additional directions on 21.06.2023 for Levying of Environmental Compensation.
 6. Extension of Temporary Revocation of Closure Order issued on 26.06.2023 for a period up to 31.07.2023.
 7. The Board received a complaint on twitter by Sri Panduchoppari@panduchoppari on 31.07.2023 regarding colored water stagnation in the Dothigudem area and also same complaint forwarded by the District Collector, Yadadri Bhuvanagiri District.
 8. The RO-Nalgonda Officials report dated 01.08.2023.
 9. Hearing held on 07.08.2023.
 10. Hon'ble High Court orders in WP No. 18057 of 2023, dt.08.08.2023 regarding Environmental Compensation Levied by the TSPCB
 11. The Task Force Committee Members inspected the industry on 10.08.2023 & 11.08.2023.
 12. Hearing held on 28.08.2023

* * * * *

1. **WHEREAS**, you are operating the industry located at Sy.No.210, Dothigudem (V), Pochampally (M), Yadadri Bhuvanagiri District and is a Drug Intermediates manufacturing unit.
2. **WHEREAS**, vide reference 1st cited, the industry has CFO & HWA of the Board vide order dated 28.05.2022 with a validity up to 31.03.2026.
3. **WHEREAS**, vide reference 2nd cited, the Board issued Closure order to the industry for non compliance of the Board directions / Consent conditions.
4. **WHEREAS**, vide reference 3rd cited, the Board issued Temporary revocation of closure order to the industry on 30.03.2022 for a period of three months.
5. **WHEREAS**, vide reference 4th cited, the Hon'ble NGT, Chennai vide Order dated: 17.01.2023 directed the TSPCB to furnish the compliance report on water & soil analysis.
6. **WERHEAS**, vide reference 5th cited, the Board issued additional directions to the industry on 21.06.2023 for Levying of Environmental Compensation (EC).
7. **WERHEAS**, vide reference 6th cited, the Board issued Extension of Temporary Revocation of Closure Order to the industry on 26.06.2023 for a period up to 31.07.2023.
8. **WHEREAS**, the industry have filed a Writ Petitions before Hon'ble High Court of Telangana praying the Hon'ble High Court to declare the orders issued by the Respondent Board directing the petitioner industry to deposit an amount towards Environmental Compensation without giving any notice as arbitrary and irregular, contrary to law, without power and jurisdiction and set aside the same.

DESPATCH NO:
DATE: 14 SEP 2023

9. WHEREAS, the Hon'ble High Court passed an orders dt.08.08.2023 in the WP No.18057 of 2023, the composite order dated: 21.06.2023 issued to the industry by the Board is quashed and set aside and the operative portion of the order reads as under.

"for the afore-mentioned reasons, order dated:2106.2023 passed by the Board cannot be sustained in the eye of law. Accordingly, it is quashed and set aside. The matter is remitted to the Board to consider the grounds taken by the petitioner in the explanation dated: 02.06.2023. Needless to state that the Board shall also consider the fact that consent for operation was granted to the petitioner on 08.02.2023 as well as the fact that the petitioner was not a party to the order dated: 17.01.2023 passed by National Green Tribunal in OA.No.97 of 2021. The Board shall afford and opportunity of hearing to the petitioner and shall by speaking order conclude the proceeding initiated in pursuance to show cause notice dated; 22.05.20232 . it is made clear that this court has not expressed any opinion on merits of the matter.

10. **WERHEAS**, vide reference 7th cited, the Board received a complaint on twitter by Sri Panduchoppari@panduchoppari on 31.07.2023 regarding colored water stagnation in the Dothigudem area and also same complaint forwarded by the District Collector, Yadadri Bhuvanagiri District.

11. **WHEREAS**, vide reference 8th cited, the RO-Nalgonda officials inspected the industry and submitted report to the Board office on 01.08.2023 and the following observations were made:

1. The industry is in operation during inspection.
2. The status of compliance of the industry on Board Task Force Extension of Temporary Revocation of Closure Order dt: 26.06.2023 is as follows issued Under Water (P&CP) Amendment Act, 1988 is submitted below:

S. No	Direction	Compliance
1	The industry shall comply with all conditions stipulated in the CFO&HWA order issued by the Board scrupulously.	Submitted below
2	The industry shall continue to segregate the effluents into HTDS and LTDS.	Complied
3	The industry shall regularly operate the New ZLD system for treatment of effluents. The HTDS effluents shall be treated in stripper, MEE and ATFD. The condensate & LTDS effluents shall be treated in Biological ETP followed RO system and treated effluents shall be reused in the plant. The RO rejects shall be sent to MEE for forced evaporation.	During the inspection, ZLD was in operation.
4	The industry shall install & maintain online TDS meter for HTDS effluent generation and connect the same to TSPCB server.	Complied
5	The industry shall provide first run off rain water & seepage collection pit with proper bypass arrangement for free flow of subsequent rain water, (24 kL/acre). The collected contaminated rain water shall be pumped and stored in above ground level tank of adequate capacity and the same shall be treated within the premises or send to CETP for further treatment.	The industry has provided a 2.5 KL FRP tank to collect the first run off rain water and provided pump connection into the above ground level collection tank of capacity 112 KL (2X56). By pass arrangement provided.
6	The industry shall not discharge any effluent/ leakages / spillages / seepages etc within the premises and outside the industry premises under any circumstances.	During the inspection, no discharges of effluents were observed.
7	The industry shall store drums containing raw material / in process goods I MLs /spent solvents / wastes etc., on the concrete platform under covered shed with dyke walls & proper leachate collection system and the industry shall not store drums openly on ground.	The industry has provided shed for storage of drums.

8	The industry shall collect & store the hazardous waste in an elevated closed shed with impervious lining and leachate collection system. The industry shall dispose the Hazardous Waste regularly in accordance with the CFO&HW order and shall not store beyond 90 days. *	The industry has provided shed for storage of Hazardous waste. (87)
9	The industry shall continuously operate the online monitoring system provided to the HTDS, LTDS & RO permeate as per the directions of CPCB and shall ensure continuous data transmission to the TSPCB server.	The industry has provided IP Camera along with digital flow meters at HTDS, LTDS & RO permeate and connected to the Board server.
10	The industry shall provide & maintain operate IP cameras at main gate entrance and shall be connected to the TSPCB Server.	The industry has provided IP Camera at gate and connected to Board's server.
11	The industry shall provide & maintain PTZ (Pan Tilt Zoom) cameras to focus the entire premises duly covering ZLD area, boiler stack and entire boundary of the plant.	The industry has provided IP Camera focusing Chimney area, Biological ETP (which can rotate 360 for plant view) & gate camera.
12	The industry shall not use any flexible pipelines within the premises for transfer of effluents I wastewater. All the effluent conveying pipe lines shall be fixed.	Complied
13	The industry shall not use effluents or any waste water in cooling towers and shall check the quality of the cooling circulation water regularly.	Complied
14	The industry shall maintain proper housekeeping within the premises.	Maintained Due to heavy rains, rain water is stagnated in low lying area.
15	The industry shall extend the Bank Guarantee from time to time till further orders from the Board.	The industry submitted BG of Rs. 2 Lakh with BG No.021GT02230680022 dated 09.03.2023 valid up to 08.03.2024.
16	The industry shall not carryout operations without valid revocation of closure orders. Failing which the Board will be constraint to take action against the industry	The industry has revocation of closure order dated: 26.06.2023 for a period upto 31.07.2023.

- The status of compliance of the industry on Board Task Force Levying Of Environmental Compensation Additional Directions is submitted below:

S. No	Direction	Compliance
1	The industry shall maintain sufficient free board to avoid over flows in effluent collection tanks and shall dispose the same as per CFO&HWA conditions.	Submitted below
2	The industry shall not stock the effluents in the collection tanks and shall send the excess effluents to CETP/ to treat in ZLD system in view of the rainy season.	Directed to comply

- Compliance of the industry on CFO schedule - B conditions: CFO Order No. 220523483025, dt.28.05.2022.

S. No.	Condition	Compliance																											
1	Total water consumption shall not exceed 75.0 KLD <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>S. No.</th> <th>Purpose</th> <th>Quantity in KLD</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Process</td> <td>16.5</td> </tr> <tr> <td>2</td> <td>Washings</td> <td>2.5</td> </tr> <tr> <td>3</td> <td>Boiler Feed</td> <td>24.0</td> </tr> <tr> <td>4</td> <td>Cooling tower make up</td> <td>24.0</td> </tr> <tr> <td>5</td> <td>DM Plant regeneration</td> <td>5.5</td> </tr> <tr> <td>6</td> <td>Scrubber</td> <td>2.0</td> </tr> <tr> <td>7</td> <td>Domestic</td> <td>0.5</td> </tr> <tr> <td colspan="2">Total</td> <td>75 KLD (HTDS - 45 KLD + LTDS - 30 KLD)</td> </tr> </tbody> </table>	S. No.	Purpose	Quantity in KLD	1	Process	16.5	2	Washings	2.5	3	Boiler Feed	24.0	4	Cooling tower make up	24.0	5	DM Plant regeneration	5.5	6	Scrubber	2.0	7	Domestic	0.5	Total		75 KLD (HTDS - 45 KLD + LTDS - 30 KLD)	As per the records, during the period from Jan'2023 to Jun'2023 the water consumption is 18.94 KLD as against the consented 75 KLD.
S. No.	Purpose	Quantity in KLD																											
1	Process	16.5																											
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6	Scrubber	2.0																											
7	Domestic	0.5																											
Total		75 KLD (HTDS - 45 KLD + LTDS - 30 KLD)																											

10	The industry shall maintain separate water meters for recording water consumption for process, boiler feed, cooling and domestic purposes and also maintain daily records.	The industry has provided water meters at process, boiler feed, cooling tower.
11	The industry shall segregate effluents into LTDS & HTDS effluents separately.	Complied
12	The industry shall provide collection tank to collect first run off water and same shall be treated within the premises or sent to CETP for further treatment duly following the manifest system.	The industry has provided a 2.5 KL FRP tank to collect the first run off rain water and provided pump connection into the above ground level collection tank of capacity 112 KL (2X56). By pass arrangement not provided.
13	The industry shall provide and maintain hood with extraction systems to the HTDS collection tanks and connect to the scrubbers to control the odour problem.	Complied
14	The industry shall carry out Leak Detection and Repair Study (LDAR) to access the solvent losses.	The industry has conducted Leak Detection and Repair Study in the Month of June'2023.
15	The industry shall maintain digital flow meters with totalisers (RS-485 communication) for recording the quantity of HTDS effluents, LTDS effluent & RO permeate and also maintain daily records. They shall connect the flow totaliser data to TSPCB & CPCB servers as per CPCB protocol.	The industry has provided IP Camera along with digital flow meters at HTDS, LTDS & RO permeate and connected to the Board server.
16	The industry is permitted to send HTDS effluents to the MEE system of M/s. JETL, Jeedimetla for period of maximum 15 days in a calendar year i.e., during maintenance/break down of Stripper, MEE & ATFD system and shall maintain records.	--
17	The industry shall maintain vent condensers for chemical / solvent storage tanks to control fugitive emissions.	Complied
18	The industry shall operate multi stage scrubber along with online pH monitoring system for control of process emissions. They shall maintain log book for operation of scrubber for monitoring active scrubbing media.	Complied
19	The industry shall monitor VOCs in ambient air with online VOC analyzer & connect the data to TSPCB server, within 15 days.	Complied
20	The industry shall maintain elevated platform with leachate/spillages collection pit to store drums containing chemicals & wastes to control spillages / discharges of chemicals / effluents on ground.	The industry provided shed for storage of drums.
21	The industry shall maintain IP camera with PAN, TILT Zoom, 5x or above focal length, with night vision capability at effluent collection system (HTDS & LTDS) and RO permeate as per CPCB norms. They shall connect the data to CPCB & TSPCB server.	The industry has provided IP Camera at HTDS, LTDS & RO permeate and connected to the Board server.
22	The industry shall provide and operate IP Camera with PAN, Zoom, 5x or above focal length, with night vision capability, at main gate entrance & at other gates where there is movement of effluent tankers, Solvent tankers, Chemical tankers, Hazardous Waste carrying vehicles & other material carrying vehicles. These cameras shall be connected to the website of TSPCB, with minimum backup of three months.	The industry has provided IP Camera at gate and connected to Board's server.
23	The industry shall install on line TDS meter for HTDS effluent generation and connect the same to TSPCB server within two months. They shall maintain the records for effluent generation, TDS values, salts generation on daily basis.	The industry has provided online TDS meter and connected to Board's server.

24	The industry shall develop greenbelt as per norms. (86)	The industry has developed greenbelt in an area of about 2 acres.
25	The industry shall provide adequate closed storage facilities above the ground with proper lining for storage of effluents before its treatment.	Complied
26	The industry shall not use effluents in cooling towers under any circumstances.	Complied
27	The industry shall take all necessary precautions to avoid seepages outside the industry premises.	During the inspection, no seepages were observed.
28	The industry shall not discharge any effluents on land within or outside the plant premises.	During the inspection, no discharges were observed.
29	The industry shall provide storm water drains to avoid mixing of effluent/spillages with run-off water during rains within 3 months as committed vide Ir. Dt.01.10.2020.	The industry has provided a 2.5 KL FRP tank to collect the first run off rain water and provided pump connection into the above ground level collection tank of capacity 112 KL (2X56).
30	The industry shall collect & store the Hazardous solid waste in an elevated closed storage shed with impervious lining and leachate collection system.	The industry has provided shed for storage of Hazardous waste.
31	The industry shall provide sufficient storage collection tank to ensure the collection of first run off rain water.	The industry has provided a 2.5 KL FRP tank to collect the first run off rain water and provided pump connection into the above ground level collection tank of capacity 112 KL (2X56).
32	The industry shall provide arrangement to by-pass the rain water collection tank of first run off rain water for subsequent water flow.	Complied
33	The industry shall take measures to prevent the seepages such as cement concrete flooring with proper collection system to collect contaminants / spillages in the relevant areas in the industry premises.	Complied
34	The industry shall provide stack Monitoring facility as per Emission Regulation part - 3 (ERP - 3) norms for all the major stacks of the industry within a period of two months.	Complied
35	The industry shall ensure that the port hole and ladder facility for the Stacks is safe to carry out Stack monitoring in place of monkey ladder, spiral type/scaffold ladder shall be provided to ensure safety of monitoring personnel within a period of two months.	Complied
36	The industry shall maintain records on source of starting raw material / intermediates for each product -wise and the consolidated records shall be submitted to R.O. Nalgonda every month along with invoice copies of the starting raw materials outsourced.	Complied
37	The industry shall maintain separate energy meters for recording energy consumption for air pollution control equipments and maintain record for daily energy consumption.	Complied

38	The evaporation losses in solvents shall be controlled by taking all preventive measures such as circulation of Chilled brine, transfer of solvents by using pumps instead of manual handling, closed centrifuges, providing primary & secondary condensers to all the reactor vents and all the solvent storage tanks and keeping solvent storage in ground storage tanks with closed pipeline to Reactors. The industry operate Solvent Recovery Plant in the plant. Solvents shall be recovered to the maximum extent possible and shall be reused. The industry shall submit status of efficiency of Solvent Recovery Plant to the concerned Regional Officer. The industry shall not dispose spent solvents / mixed spent solvents to the traders/ recyclers.	The industry has provided vent condenser to storage tanks. 87
39	The industry shall maintain the following records and the same shall be made available to the Board Officials during the inspection. a. Daily production details, RG-1 records and Central Excise Returns. b. Quantity of Effluents generated, force evaporated, condensate generated & treated, RO feed, RO permeate reused. c. Log Books for pollution control systems. d. Daily solid waste generated and disposed. b) The industry shall submit consolidated statement of the above on monthly basis to the concerned regional office.	Complied
40	The industry shall implement the odour control measures at source of generation and from ETP and shall ensure to maintain the same effectively to control odour problems.	The industry has provided 3 Nos. double stage scrubbers with vent condenser followed by activated charcoal bed (2 Nos. at two production blocks and one common scrubber for vent of ATFD and vent of HTDS collection tanks).
41	The industry shall ensure that there shall not be any change in process technology and scope of working without prior approval from the Board.	Complied
42	As per G.O.Rt.No.286, the industry shall transport the industrial effluents and plying on the roads is allowed between 6 A.M. to 6 P.M. only.	--
43	The industry shall maintain concreted internal roads by cleaning regularly to avoid fugitive emissions due to vehicular movement.	Complied
44	The industry shall comply with the all the directions issued by the Board from time to time.	Submitted above
45	The applicant shall submit Environment statement in Form V to the Regional office before 30th September of every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.	Submitted
46	The conditions stipulated in this order are without any prejudice to rights and contentions of this Board in any Hon'ble court of Law.	--

Remarks:

1. M/s. Ravoos Laboratories Limited (Formerly M/s. Silicon Drugs & Intermediates (P) Ltd.), Sy.No. 210, Dothigudem (V), Pochampally (M), Yadadri Bhuvanagiri District and engaged in manufacturing of Drug Intermediates.
2. The Board issued CFO & HWA to the industry vide order dated 28.05.2022 with validity up to 31.03.2026.
3. Earlier, the Board issued closure order to the industry on: 02.03.2022. Subsequently, the industry has revocation of closure order latest dated: 26.06.2023 for a period upto 31.07.2023.

4. During the inspection, manufacturing of Rabeprazol, Lansoprazol, Omeprazole products is under process.
5. The industry has provided MDC as APCE for 3 TPH & Cyclone dust collector as APCE for 1.5 TPH coal fired boilers to control the emissions.
6. The industry has provided 3 Nos. double stage scrubbers with vent condenser followed by activated charcoal bed (2 Nos. at two production blocks and one common scrubber for vent of ATFD and vent of HTDS collection tanks).
7. The industry has provided effluents treatment system consisting of Stripper (37 KLD), MEE - 45 KLD (3 Stage), Biological ETP (56 KL), ATFD (125 Kg/Hr) followed by RO plant of capacity - 1250 Ltrs/hr. During the inspection, biological ETP was in operation.
8. The industry has provided IP Camera focusing Chimney area, Biological ETP (which can rotate 360 for plant view).
9. Earlier, the Board Officials collected effluent samples on 27.05.2023 from Cooling towers attached to production block & MEE. The values of the analysis reports are as given below:

Parameter	Cooling tower attached to Production block	Cooling tower attached to MEE
pH	7.46	7.37
TSS	38	30
TDS	1270	1350
COD	64	72
BOD	12	14
Oil & Grease	--	--
Note: All values are in mg/L, except pH.		

10. The Board Officials collected effluent samples on 28.07.2023 at following points:

- Inlet of Biological ETP
- Outlet of Biological ETP
- RO permeate

12. **WHEREAS**, vide reference 9th cited, you were given an opportunity for hearing before the Task Force Committee of the Board during the meeting held on 07.08.2023. The industry representative and RO-Nalgonda have attended the meeting. After detailed discussions, the Committee recommended to inspect the industries by Task Force Committee Members.

13. **WHEREAS**, vide reference 10th cited, the Task Force Committee Members, EE, Task Force RC Puram Zone and RO-Nalgonda Officials inspected the industries on 10th & 11th of August, 2023. The details of the inspection are as follows:

1. The industry is in operation during inspection.
2. The industry has provided 3 Nos. double stage scrubbers with vent condenser followed by activated charcoal bed (2 Nos. at two production blocks and one common scrubber for vent of ATFD and vent of HTDS collection tanks). The industry has not provided Online Ph meter for scrubber at MEE area.
3. The industry has provided effluents treatment system consisting of Stripper (37 KLD), MEE - 45 KLD (3 Stage), Biological ETP (56 KL), ATFD (125 Kg/Hr) followed by RO plant of capacity - 1250 Ltrs/hr. During the inspection, biological ETP was in operation. However, MLSS is not developed in the biological ETP and thereby ETP is not in proper operating condition.
4. During inspection it was observed that, the inlet to stripper tank was not a closed tank which is leading to odour nuisance.
5. The VOCs measured at above tank and found to be 7.784 PPM.
6. The industry need to maintain records of COD, TDS every day for biological ETP so as to know the operating condition of the ETP.
7. The industry has provided MDC as APCE for 3 TPH & Cyclone dust collector as APCE for 1.5 TPH coal fired boilers to control the emissions.
8. The compliance status of the industry on the Non-Compliances reported in the TF meeting dt.07.08.2023 agenda:

S. No.	Direction	Compliance
1	Odour was observed within the premises and at MEE, ATFD area.	During inspection, Odour was observed at MEE area. The VOCs measured at above tank and found to be 0.4 PPM.
2	The industry has to improve housekeeping at MEE area.	Not maintained.
3	Biological ETP	Not complied, Biological ETP, is not functioning properly as the COD outlet was very high.
4	The industry is storing coal openly and lot of coal / ash spillages observed in the area. Proper shed is required to store the coal.	

14. **WHEREAS**, vide reference 11th cited, you were given an opportunity for hearing before the Task Force Committee of the Board during the meeting held on 28.08.2023. The Complainants & industry representatives (Virtually), RO-Nalgonda have attended the meeting. After detailed discussions, the Committee recommended to issue Extension of Temporary Revocation of Closure Orders for a period upto 31.10.2023 and also recommended to forfeit the Bank Guarantee of Rs.12.0 Lakhs with certain directions.

15. **WHEREAS**, after careful consideration of the material facts of the case, **the Board hereby issue Extension of Temporary Revocation of Closure Order to your industry for a period up to 31.10.2023 with the following directions to comply with:**

1. The industry shall comply with all conditions stipulated in the CFO&HWA order issued by the Board scrupulously.
2. The industry shall comply with all the conditions stipulated in the Extension of Temporary Revocation of Closure Order dated: 26.06.2023.
3. The industry shall pay the Environmental Compensation (EC) of Rs.50,40,000/- as per the Hon'ble NGT Orders vide order dated:21.06.2023, you are hereby directed to deposit an amount of Rs.50,40,000/- (Rupees Fifty Lakhs Forty Thousand Only) towards Environmental Compensation. The amount shall be deposited by way of D.D drawn in favour of "Member Secretary, T.S Pollution Control Board" payable at Hyderabad.
4. The industry shall continuously operate ZLD system so as to treat all the effluent and shall reuse all the treated effluent for plant needs and shall maintain the records.
5. The industry has provided aeration tanks for Biological ETP. No biological culture / bacteria (MLSS) is developed in aeration tank. Hence, the industry is not operating the Biological ETP effectively as aeration tank is not in stabilized condition with proper bio-culture.
6. The industry shall provide/maintain operate digital flow meters with IP cameras to ZLD system & provide/ maintain IP camera at main gate entrance. The industry shall provide / maintain PTZ camera to cover ZLD & boiler area. All the cameras shall be connected to the TSPCB Server.
7. The industry shall provide first runoff of rainwater & seepage collection pit with proper bypass arrangement for free flow of subsequent rain water (24 kL/acre). The collected contaminated rain water shall be pumped and stored in above ground level tank of adequate capacity and the same shall be treated within the premises or send to CETP for further treatment and disposal.
8. The industry shall provide digital flow meter for the first run off water and shall treat in their ZLD / dispose to CETP for further treatment.
9. The industry shall submit a fresh Bank Guarantee of Rs.12.0 Lakhs towards compliance of the above directions in favour of the Member Secretary, TSPCB, Hyderabad for a period of one year at concerned Regional office within in a week.
10. The industry shall recoup the Bank Guarantee of Rs.12.0 Lakhs towards Bank Guarantee forfeited to the Board from time to time before its expiry, till further orders of the Board.

90

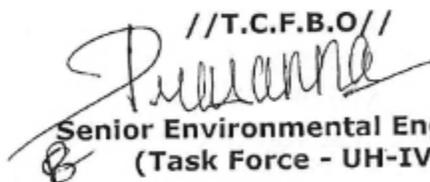
11. The industry shall not carry out operations without valid revocation of closure orders. Failing which the Board will be constrained to take action against the industry.
16. **WHEREAS**, the TSSPDCL., Ltd., has been directed to restore the power supply to your industry for a period upto 31.10.2023.
17. These orders are issued under Section 33(A) of Water (Prevention and Control of Pollution) Act, 1974 (as amended by Act 53 of 1988).
18. You are hereby directed to note that, should you misuse these orders to operate the unit violating any of the conditions mentioned above, your unit will be closed under Section 33(A) of Water (Prevention and Control of Pollution) Act, 1974 (as amended by Act 53 of 1988) without any further notice to you and you will also be liable for prosecution in the court of Metropolitan Magistrate or Judicial Magistrate of the first class under section 41(2) of Water (Prevention and Control of Pollution) Act, 1974 (as amended by Act 53 of 1988), the punishment for which include imprisonment for a term which shall not be less than one year six months and which may be extended to six years with fine.

Sd/-
MEMBER SECRETARY

To
M/s. Ravoos Laboratories Limited
(Formerly M/s. Silicon Drugs & Intermediates (P) Ltd.,
M/s. Anvija Pharmaceuticals (P) Ltd.,),
Sy.No.210, Dothigudem (V), Pochampally (M),
Yadadri Bhuvanagiri District.

Copy to:

1. The JCEE., Z.O., R.C.Puram for information and necessary action.
2. The Environmental Engineer, Regional Office, Nalgonda for information necessary action. The RO is directed coordinate with the Task Force Committee Members to inspect the industry after four weeks to verify the compliances status of the industry.
3. Concerned file.

//T.C.F.B.O//

Senior Environmental Engineer
(Task Force - UH-IV)

This Order has the Digital Approval by the Member Secretary.



BY REGD. POST WITH ACK. DUE

(91)

ORDER ISSUED UNDER AIR (P&C) AMENDMENT ACT, 1987

Order No. NLG-14/TSPCB/TF/HO/2023- 759

Date: 13.09.2023

Sub: TSPCB - M/s. Ravoos Laboratories Limited (Formerly M/s. Silicon Drugs & Intermediates (P) Ltd., M/s. Anvija Pharmaceuticals (P) Ltd.), Sy.No.210, Dothigudem (V), Pochampally (M), Yadadri Bhuvanagiri District - Air (Prevention and Control of Pollution) Act 1981 (as amended by Act 47 of 1987) - **Extension of Temporary Revocation of Closure Order for a period up to 31.10.2023 - Orders Issued** - Reg - Reg.

- Ref :**
1. CFO&HWA order dt.28.05.2022 valid up to 31.03.2026.
 2. Closure Order No. NLG-14/TSPCB/TF/HO/2016-2150, dt.02.03.2022.
 3. Temporary Revocation of Closure Order No. NLG-14/TSPCB/TF/HO/2016, Dt: 30.03.2022.
 4. The Hon'ble NGT, Chennai has issued directions vide Order dated: 17.01.2023.
 5. The Board issued additional directions on 21.06.2023 for Levying of Environmental Compensation.
 6. Extension of Temporary Revocation of Closure Order issued on 26.06.2023 for a period up to 31.07.2023.
 7. The Board received a complaint on twitter by Sri Panduchoppari@panduchoppari on 31.07.2023 regarding colored water stagnation in the Dothigudem area and also same complaint forwarded by the District Collector, Yadadri Bhuvanagiri District.
 8. The RO-Nalgonda Officials report dated 01.08.2023.
 9. Hearing held on 07.08.2023.
 10. The Task Force Committee Members inspected the industry on 10.08.2023 & 11.08.2023.
 11. Hearing held on 28.08.2023

* * * * *

1. **WHEREAS**, you are operating the industry located at Sy.No.210, Dothigudem (V), Pochampally (M), Yadadri Bhuvanagiri District and is a Drug Intermediates manufacturing unit.
2. **WHEREAS**, vide reference 1st cited, the industry has CFO & HWA of the Board vide order dated 28.05.2022 with a validity up to 31.03.2026.
3. **WHEREAS**, vide reference 2nd cited, the Board issued Closure order to the industry for non compliance of the Board directions / Consent conditions.
4. **WHEREAS**, vide reference 3rd cited, the Board issued Temporary revocation of closure order to the industry on 30.03.2022 for a period of three months.
5. **WHEREAS**, vide reference 4th cited, the Hon'ble NGT, Chennai vide Order dated: 17.01.2023 directed the TSPCB to furnish the compliance report on water & soil analysis.
6. **WERHEAS**, vide reference 5th cited, the Board issued additional directions to the industry on 21.06.2023 for Levying of Environmental Compensation (EC).
7. **WERHEAS**, vide reference 6th cited, the Board issued Extension of Temporary Revocation of Closure Order to the industry on 26.06.2023 for a period up to 31.07.2023.

DESPATCH NO:
DATE: 14 SEP 2023

(92)

8. **WERHEAS**, vide reference 7th cited, the Board received a complaint on twitter by Sri Panduchoppari@panduchoppari on 31.07.2023 regarding colored water stagnation in the Dothigudem area and also same complaint forwarded by the District Collector, Yadadri Bhuvanagiri District.

9. **WHEREAS**, the industry have filed a Writ Petitions before Hon'ble High Court of Telangana praying the Hon'ble High Court to declare the orders issued by the Respondent Board directing the petitioner industry to deposit an amount towards Environmental Compensation without giving any notice as arbitrary and irregular, contrary to law, without power and jurisdiction and set aside the same.

10. **WHEREAS**, the Hon'ble High Court passed an orders dt.08.08.2023 in the WP No.18057 of 2023, the composite order dated:21.06.2023 issued to the industry by the Board is quashed and set aside and the operative portion of the order reads as under.

"for the afore-mentioned reasons, order dated:2106.2023 passed by the Board cannot be sustained in the eye of law. Accordingly, it is quashed and set aside. The matter is remitted to the Board to consider the grounds taken by the petitioner in the explanation dated: 02.06.2023. Needless to state that the Board shall also consider the fact that consent for operation was granted to the petitioner on 08.02.2023 as well as the fact that the petitioner was not a party to the order dated: 17.01.2023 passed by National Green Tribunal in OA.No.97 of 2021. The Board shall afford and opportunity of hearing to the petitioner and shall by speaking order conclude the proceeding initiated in pursuance to show cause notice dated; 22.05.2023. it is made clear that this court has not expressed any opinion on merits of the matter.

11. **WHEREAS**, vide reference 8th cited, the RO-Nalgonda officials inspected the industry and submitted report to the Board office on 01.08.2023 and the following observations were made:

1. The industry is in operation during inspection.
2. The status of compliance of the industry on Board Task Force Extension of Temporary Revocation of Closure Order dt: 26.06.2023 issued Under Air (P&C) Amendment Act, 1987 is submitted below:

S. No	Direction	Compliance
1	The industry shall take all odour control measures and operate the same regularly to avoid odour nuisance to the surrounding environment.	The industry has provided 3 Nos. double stage scrubbers with vent condenser followed by activated charcoal bed (2 Nos. at two production blocks and one common scrubber for vent of ATFD and vent of HTDS collection tanks).
2	The industry shall provide & maintain dome with suction hood followed by double stage scrubber with online pH meter to the HTDS effluent storage tanks to control the odour nuisance.	Complied
3	The industry shall install & maintain sub cooler condensers system followed by activated charcoal bed to the vents of scrubbing system connected to HTDS collection tank so as to arrest the VOCs.	Complied
4	The industry shall install & maintain sub cooler Condensers system followed by activated charcoal bed so as to arrest the VOCs from the scrubber attached to ATFD.	Complied
5	The industry shall continuously operate scrubbers with online pH meter for control of process emissions and shall take appropriate additional measures for control smell nuisance within & outside the industry premises.	During the inspection, scrubbers were in operation.
6	The industry shall operate & maintain online VOC monitoring system and connect the same to the Board server.	Complied

7	The industry shall provide & maintain odour suppressant mist spray / sprinkle 'PITON' liquid at effluent treatment area to contain VOCs.	Provided 93
8	The industry shall provide & maintain the vent condensers for all the solvent storage / chemical storage tanks to control- the fugitive emissions.	Complied
9	The industry shall conduct the LDAR study once in six months. The industry shall take necessary measures as per the latest Leak Detection and Repair (LDAR) Study to arrest the solvent losses and reduce VOCs in the premises.	The industry has conducted Leak Detection and Repair Study in the Month of June'2023 and submitted report.
10	The industry shall not cause any air pollution to the surrounding area	Complied

- The status of compliance of the industry on Board Task Force Levying Of Environmental Compensation Additional Directions is submitted below:

S. No	Direction	Compliance
1	The industry shall maintain sufficient free board to avoid over flows in effluent collection tanks and shall dispose the same as per CFO&HWA conditions.	Submitted below
2	The industry shall not stock the effluents in the collection tanks and shall send the excess effluents to CETP/ to treat in ZLD system in view of the rainy season.	Directed to comply

- Compliance of the industry on CFO schedule - B conditions: CFO Order No. 220523483025, dt.28.05.2022.

S. No.	Condition	Compliance																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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mg/l</td></tr> <tr><td>Mo</td><td>10 mg/l</td></tr> <tr><td>Bi</td></tr></tbody></table>	Parameter	Limiting Standards	PH	6.5-8.5	Temperature	40°C	Total Solids	500 mg/l	Oil & Grease	10 mg/l	Chemical Oxygen Demand	100 mg/l	Biochemical Oxygen Demand	20 mg/l	Ammonia Nitrogen	10 mg/l	Chloride	1000 mg/l	Sulphate	1000 mg/l	Calcium	100 mg/l	Magnesium	100 mg/l	Iron	10 mg/l	Copper	1 mg/l	Zinc	1 mg/l	Nickel	1 mg/l	Lead	0.1 mg/l	Cadmium	0.01 mg/l	Fluoride	10 mg/l	Barium	10 mg/l	Strontium	10 mg/l	Selenium	0.1 mg/l	Chromium	10 mg/l	Manganese	10 mg/l	Vanadium	10 mg/l	Antimony	0.1 mg/l	As	0.1 mg/l	Pb	0.1 mg/l	Cd	0.01 mg/l	Hg	0.01 mg/l	Co	10 mg/l	Mn	10 mg/l	Cr	10 mg/l	Mo	10 mg/l	Bi	10 mg/l	Ag	0.1 mg/l	Cu	10 mg/l	Zn	10 mg/l	Ni	10 mg/l	Al	10 mg/l	Fe	10 mg/l	Mg	10 mg/l	Ca	10 mg/l	Na	10 mg/l	Cl	10 mg/l	S	10 mg/l	P	10 mg/l	K	10 mg/l	Li	10 mg/l	B	10 mg/l	F	10 mg/l	Br	10 mg/l	I	10 mg/l	Se	0.1 mg/l	Te	0.1 mg/l	Sn	10 mg/l	Pb	0.1 mg/l	Cd	0.01 mg/l	Hg	0.01 mg/l	Co	10 mg/l	Mn	10 mg/l	Cr	10 mg/l	Mo	10 mg/l	Bi	10 mg/l	Ag	0.1 mg/l	Cu	10 mg/l	Zn	10 mg/l	Ni	10 mg/l	Al	10 mg/l	Fe	10 mg/l	Mg	10 mg/l	Ca	10 mg/l	Na	10 mg/l	Cl	10 mg/l	S	10 mg/l	P	10 mg/l	K	10 mg/l	Li	10 mg/l	B	10 mg/l	F	10 mg/l	Br	10 mg/l	I	10 mg/l	Se	0.1 mg/l	Te	0.1 mg/l	Sn	10 mg/l	Pb	0.1 mg/l	Cd	0.01 mg/l	Hg	0.01 mg/l	Co	10 mg/l	Mn	10 mg/l	Cr	10 mg/l	Mo	10 mg/l	Bi	10 mg/l	Ag	0.1 mg/l	Cu	10 mg/l	Zn	10 mg/l	Ni	10 mg/l	Al	10 mg/l	Fe	10 mg/l	Mg	10 mg/l	Ca	10 mg/l	Na	10 mg/l	Cl	10 mg/l	S	10 mg/l	P	10 mg/l	K	10 mg/l	Li	10 mg/l	B	10 mg/l	F	10 mg/l	Br	10 mg/l	I	10 mg/l	Se	0.1 mg/l	Te	0.1 mg/l	Sn	10 mg/l	Pb	0.1 mg/l	Cd	0.01 mg/l	Hg	0.01 mg/l	Co	10 mg/l	Mn	10 mg/l	Cr	10 mg/l	Mo	10 mg/l	Bi	10 mg/l	Ag	0.1 mg/l	Cu	10 mg/l	Zn	10 mg/l	Ni	10 mg/l	Al	10 mg/l	Fe	10 mg/l	Mg	10 mg/l	Ca	10 mg/l	Na	10 mg/l	Cl	10 mg/l	S	10 mg/l	P	10 mg/l	K	10 mg/l	Li	10 mg/l	B	10 mg/l	F	10 mg/l	Br	10 mg/l	I	10 mg/l	Se	0.1 mg/l	Te	0.1 mg/l	Sn	10 mg/l	Pb	0.1 mg/l	Cd	0.01 mg/l	Hg	0.01 mg/l	Co	10 mg/l	Mn	10 mg/l	Cr	10 mg/l	Mo	10 mg/l	Bi	10 mg/l	Ag	0.1 mg/l	Cu	10 mg/l	Zn	10 mg/l	Ni	10 mg/l	Al	10 mg/l	Fe	10 mg/l	Mg	10 mg/l	Ca	10 mg/l	Na	10 mg/l	Cl	10 mg/l	S	10 mg/l	P	10 mg/l	K	10 mg/l	Li	10 mg/l	B	10 mg/l	F	10 mg/l	Br	10 mg/l	I	10 mg/l	Se	0.1 mg/l	Te	0.1 mg/l	Sn	10 mg/l	Pb	0.1 mg/l	Cd	0.01 mg/l	Hg	0.01 mg/l	Co	10 mg/l	Mn	10 mg/l	Cr	10 mg/l	Mo	10 mg/l	Bi	10 mg/l	Ag	0.1 mg/l	Cu	10 mg/l	Zn	10 mg/l	Ni	10 mg/l	Al	10 mg/l	Fe	10 mg/l	Mg	10 mg/l	Ca	10 mg/l	Na	10 mg/l	Cl	10 mg/l	S	10 mg/l	P	10 mg/l	K	10 mg/l	Li	10 mg/l	B	10 mg/l	F	10 mg/l	Br	10 mg/l	I	10 mg/l	Se	0.1 mg/l	Te	0.1 mg/l	Sn	10 mg/l	Pb	0.1 mg/l	Cd	0.01 mg/l	Hg	0.01 mg/l	Co	10 mg/l	Mn	10 mg/l	Cr	10 mg/l	Mo	10 mg/l	Bi	10 mg/l	Ag	0.1 mg/l	Cu	10 mg/l	Zn	10 mg/l	Ni	10 mg/l	Al	10 mg/l	Fe	10 mg/l	Mg	10 mg/l	Ca	10 mg/l	Na	10 mg/l	Cl	10 mg/l	S	10 mg/l	P	10 mg/l	K	10 mg/l	Li	10 mg/l	B	10 mg/l	F	10 mg/l	Br	10 mg/l	I	10 mg/l	Se	0.1 mg/l	Te	0.1 mg/l	Sn	10 mg/l	Pb	0.1 mg/l	Cd	0.01 mg/l	Hg	0.01 mg/l	Co	10 mg/l	Mn	10 mg/l	Cr	10 mg/l	Mo	10 mg/l	Bi	10 mg/l	Ag	0.1 mg/l	Cu	10 mg/l	Zn	10 mg/l	Ni	10 mg/l	Al	10 mg/l	Fe	10 mg/l	Mg	10 mg/l	Ca	10 mg/l	Na	10 mg/l	Cl	10 mg/l	S	10 mg/l	P	10 mg/l	K	10 mg/l	Li	10 mg/l	B	10 mg/l	F	10 mg/l	Br	10 mg/l	I	10 mg/l	Se	0.1 mg/l	Te	0.1 mg/l	Sn	10 mg/l	Pb	0.1 mg/l	Cd	0.01 mg/l	Hg	0.01 mg/l	Co	10 mg/l	Mn	10 mg/l	Cr	10 mg/l	Mo	10 mg/l	Bi	10 mg/l	Ag	0.1 mg/l	Cu	10 mg/l	Zn	10 mg/l	Ni	10 mg/l	Al	10 mg/l	Fe	10 mg/l	Mg	10 mg/l	Ca	10 mg/l	Na	10 mg/l	Cl	10 mg/l	S	10 mg/l	P	10 mg/l	K	10 mg/l	Li	10 mg/l	B	10 mg/l	F	10 mg/l	Br	10 mg/l	I	10 mg/l	Se	0.1 mg/l	Te	0.1 mg/l	Sn	10 mg/l	Pb	0.1 mg/l	Cd	0.01 mg/l	Hg	0.01 mg/l	Co	10 mg/l	Mn	10 mg/l	Cr	10 mg/l	Mo	10 mg/l	Bi	10 mg/l	Ag	0.1 mg/l	Cu	10 mg/l	Zn	10 mg/l	Ni	10 mg/l	Al	10 mg/l	Fe	10 mg/l	Mg	10 mg/l	Ca	10 mg/l	Na	10 mg/l	Cl	10 mg/l	S	10 mg/l	P	10 mg/l	K	10 mg/l	Li	10 mg/l	B	10 mg/l	F	10 mg/l	Br	10 mg/l	I	10 mg/l	Se	0.1 mg/l	Te	0.1 mg/l	Sn	10 mg/l	Pb	0.1 mg/l	Cd	0.01 mg/l	Hg	0.01 mg/l	Co	10 mg/l	Mn	10 mg/l	Cr	10 mg/l	Mo	10 mg/l	Bi	10 mg/l	Ag	0.1 mg/l	Cu	10 mg/l	Zn	10 mg/l	Ni	10 mg/l	Al	10 mg/l	Fe	10 mg/l	Mg	10 mg/l	Ca	10 mg/l	Na	10 mg/l	Cl	10 mg/l	S	10 mg/l	P	10 mg/l	K	10 mg/l	Li	10 mg/l	B	10 mg/l	F	10 mg/l	Br	10 mg/l	I	10 mg/l	Se	0.1 mg/l	Te	0.1 mg/l	Sn	10 mg/l	Pb	0.1 mg/l	Cd	0.01 mg/l	Hg	0.01 mg/l	Co	10 mg/l	Mn	10 mg/l	Cr	10 mg/l	Mo	10 mg/l	Bi	10 mg/l	Ag	0.1 mg/l	Cu	10 mg/l	Zn	10 mg/l	Ni	10 mg/l	Al	10 mg/l	Fe	10 mg/l	Mg	10 mg/l	Ca	10 mg/l	Na	10 mg/l	Cl	10 mg/l	S	10 mg/l	P	10 mg/l	K	10 mg/l	Li	10 mg/l	B	10 mg/l	F	10 mg/l	Br	10 mg/l	I	10 mg/l	Se	0.1 mg/l	Te	0.1 mg/l	Sn	10 mg/l	Pb	0.1 mg/l	Cd	0.01 mg/l	Hg	0.01 mg/l	Co	10 mg/l	Mn	10 mg/l	Cr	10 mg/l	Mo	10 mg/l	Bi	10 mg/l	Ag	0.1 mg/l	Cu	10 mg/l	Zn	10 mg/l	Ni	10 mg/l	Al	10 mg/l	Fe	10 mg/l	Mg	10 mg/l	Ca	10 mg/l	Na	10 mg/l	Cl	10 mg/l	S	10 mg/l	P	10 mg/l	K	10 mg/l	Li	10 mg/l	B	10 mg/l	F	10 mg/l	Br	10 mg/l	I	10 mg/l	Se	0.1 mg/l	Te	0.1 mg/l	Sn	10 mg/l	Pb	0.1 mg/l	Cd	0.01 mg/l	Hg	0.01 mg/l	Co	10 mg/l	Mn	10 mg/l	Cr	10 mg/l	Mo	10 mg/l	Bi	10 mg/l	Ag	0.1 mg/l	Cu	10 mg/l	Zn	10 mg/l	Ni	10 mg/l	Al	10 mg/l	Fe	10 mg/l	Mg	10 mg/l	Ca	10 mg/l	Na	10 mg/l	Cl	10 mg/l	S	10 mg/l	P	10 mg/l	K	10 mg/l	Li	10 mg/l	B	10 mg/l	F	10 mg/l	Br	10 mg/l	I	10 mg/l	Se	0.1 mg/l	Te	0.1 mg/l	Sn	10 mg/l	Pb	0.1 mg/l	Cd	0.01 mg/l	Hg	0.01 mg/l	Co	10 mg/l	Mn	10 mg/l	Cr	10 mg/l	Mo	10 mg/l	Bi	10 mg/l	Ag	0.1 mg/l	Cu	10 mg/l	Zn	10 mg/l	Ni	10 mg/l	Al	10 mg/l	Fe	10 mg/l	Mg	10 mg/l	Ca	10 mg/l	Na	10 mg/l	Cl	10 mg/l	S	10 mg/l	P	10 mg/l	K	10 mg/l	Li	10 mg/l	B	10 mg/l	F	10 mg/l	Br	10 mg/l	I	10 mg/l	Se	0.1 mg/l	Te	0.1 mg/l	Sn	10 mg/l	Pb	0.1 mg/l	Cd	0.01 mg/l	Hg	0.01 mg/l	Co	10 mg/l	Mn	10 mg/l	Cr	10 mg/l	Mo	10 mg/l	Bi	10 mg/l	Ag	0.1 mg/l	Cu	10 mg/l	Zn	10 mg/l	Ni	10 mg/l	Al	10 mg/l	Fe	10 mg/l	Mg	10 mg/l	Ca	10 mg/l	Na	10 mg/l	Cl	10 mg/l	S	10 mg/l	P	10 mg/l	K	10 mg/l	Li	10 mg/l	B	10 mg/l	F	10 mg/l	Br	10 mg/l	I	10 mg/l	Se	0.1 mg/l	Te	0.1 mg/l	Sn	10 mg/l	Pb	0.1 mg/l	Cd	0.01 mg/l	Hg	0.01 mg/l	Co	10 mg/l	Mn	10 mg/l	Cr	10 mg/l	Mo	10 mg/l	Bi	10 mg/l	Ag	0.1 mg/l	Cu	10 mg/l	Zn	10 mg/l	Ni	10 mg/l	Al	10 mg/l	Fe	10 mg/l	Mg	10 mg/l	Ca	10 mg/l	Na	10 mg/l	Cl	10 mg/l	S	10 mg/l	P	10 mg/l	K	10 mg/l	Li	10 mg/l	B	10 mg/l	F	10 mg/l	Br	10 mg/l	I	10 mg/l	Se	0.1 mg/l	Te	0.1 mg/l	Sn	10 mg/l	Pb	0.1 mg/l	Cd	0.01 mg/l	Hg	0.01 mg/l	Co	10 mg/l	Mn	10 mg/l	Cr	10 mg/l	Mo	10 mg/l	Bi	10 mg/l	Ag	0.1 mg/l	Cu	10 mg/l	Zn	10 mg/l	Ni	10 mg/l	Al	10 mg/l	Fe	10 mg/l	Mg	10 mg/l	Ca	10 mg/l	Na	10 mg/l	Cl	10 mg/l	S	10 mg/l	P	10 mg/l	K	10 mg/l	Li	10 mg/l	B	10 mg/l	F	10 mg/l	Br	10 mg/l	I	10 mg/l	Se	0.1 mg/l	Te	0.1 mg/l	Sn	10 mg/l	Pb	0.1 mg/l	Cd	0.01 mg/l	Hg	0.01 mg/l	Co	10 mg/l	Mn	10 mg/l	Cr	10 mg/l	Mo	10 mg/l	Bi
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5	The industry should comply with emission limits for DG sets of capacity upto 800 KW as per the Notification G.S.R.520 (E), dated 01.07.2003 under the Environment (Protection) Amendment Rules, 2003 and G.S.R.448(E), dated 12.07.2004 under the Environment (Protection) Second Amendment Rules, 2004. In case of DG sets of capacity more than 800 KW should comply with emission limits as per the Notification G.S.R.489 (E), dated 09.07.2002 at serial no.96, under the Environment (Protection) Act, 1986.	--
6	The industry shall comply with ambient air quality standards of PM ₁₀ (Particulate Matter size less than 10µm) - 100 µg/ m ³ ; PM _{2.5} (Particulate Matter size less than 2.5 µm) -60 µg/ m ³ ; SO ₂ - 80 µg/ m ³ ; NO _x - 80 µg/m ³ , outside the factory premises at the periphery of the industry. Standards for other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009 Noise Levels: Day time (6 AM to 10 PM) - 75 dB (A) Night time (10 PM to 6 AM) - 70 dB (A).	--
8	The industry shall pay balance consent fee annually as per rates notified in G.O.Ms.No.22. The payment of annual consent fee shall be made at the concerned RO for every financial year (i.e., April to March) within the stipulated time period i.e., 1st quarter of every financial year (April to June) is mandatory for the industry / project, failing which, the validity of the Consent Order automatically stands cancelled and operation industry / project without valid consent attracts penal action under the provision of Water Act, Air Act & Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.	Complied
9	The industry either paying annual fee or total fee for Consented period, shall pay the balance fee as per the revised rates as applicable from time to time.	Complied
10	The industry shall maintain separate water meters for recording water consumption for process, boiler feed, cooling and domestic purposes and also maintain daily records.	The industry has provided water meters at process, boiler feed, cooling tower.
11	The industry shall segregate effluents into LTDS & HTDS effluents separately.	Complied
12	The industry shall provide collection tank to collect first run off water and same shall be treated within the premises or sent to CETP for further treatment duly following the manifest system.	The industry has provided a 2.5 KL FRP tank to collect the first run off rain water and provided pump connection into the above ground level collection tank of capacity 112 KL (2X56). By pass arrangement not provided.
13	The industry shall provide and maintain hood with extraction systems to the HTDS collection tanks and connect to the scrubbers to control the odour problem.	Complied
14	The industry shall carry out Leak Detection and Repair Study (LDAR) to access the solvent losses.	The industry has conducted Leak Detection and Repair Study in the Month of June'2023.
15	The industry shall maintain digital flow meters with totalisers (RS-485 communication) for recording the quantity of HTDS effluents, LTDS effluent & RO permeate and also maintain daily records. They shall connect the flow totaliser data to TSPCB & CPCB servers as per CPCB protocol.	The industry has provided IP Camera along with digital flow meters at HTDS, LTDS & RO permeate and connected to the Board server.

16	The industry is permitted to send HTDS effluents to the MEE system of M/s. JETL, Jeedimetla for period of maximum 15 days in a calendar year i.e., during maintenance/break down of Stripper, MEE & ATFD system and shall maintain records.	-- (95)
17	The industry shall maintain vent condensers for chemical / solvent storage tanks to control fugitive emissions.	Complied
18	The industry shall operate multi stage scrubber along with online pH monitoring system for control of process emissions. They shall maintain log book for operation of scrubber for monitoring active scrubbing media.	Complied
19	The industry shall monitor VOCs in ambient air with online VOC analyzer & connect the data to TSPCB server, within 15 days.	Complied
20	The industry shall maintain elevated platform with leachate/spillages collection pit to store drums containing chemicals & wastes to control spillages / discharges of chemicals / effluents on ground.	The industry provided shed for storage of drums.
21	The industry shall maintain IP camera with PAN, TILT Zoom, 5x or above focal length, with night vision capability at effluent collection system (HTDS & LTDS) and RO permeate as per CPCB norms. They shall connect the data to CPCB & TSPCB server.	The industry has provided IP Camera at HTDS, LTDS & RO permeate and connected to the Board server.
22	The industry shall provide and operate IP Camera with PAN, Zoom, 5x or above focal length, with night vision capability, at main gate entrance & at other gates where there is movement of effluent tankers, Solvent tankers, Chemical tankers, Hazardous Waste carrying vehicles & other material carrying vehicles. These cameras shall be connected to the website of TSPCB, with minimum backup of three months.	The industry has provided IP Camera at gate and connected to Board's server.
23	The industry shall install on line TDS meter for HTDS effluent generation and connect the same to TSPCB server within two months. They shall maintain the records for effluent generation, TDS values, salts generation on daily basis.	The industry has provided online TDS meter and connected to Board's server.
24	The industry shall develop greenbelt as per norms.	The industry has developed greenbelt in an area of about 2 acres.
25	The industry shall provide adequate closed storage facilities above the ground with proper lining for storage of effluents before its treatment.	Complied
26	The industry shall not use effluents in cooling towers under any circumstances.	Complied
27	The industry shall take all necessary precautions to avoid seepages outside the industry premises.	During the inspection, no seepages were observed.
28	The industry shall not discharge any effluents on land within or outside the plant premises.	During the inspection, no discharges were observed.
29	The industry shall provide storm water drains to avoid mixing of effluent/spillages with run-off water during rains within 3 months as committed vide Ir. Dt.01.10.2020.	The industry has provided a 2.5 KL FRP tank to collect the first run off rain water and provided pump connection into the above ground level collection tank of capacity 112 KL (2X56).
30	The industry shall collect & store the Hazardous solid waste in and elevated closed storage shed with impervious lining and leachate collection system.	The industry has provided shed for storage of Hazardous waste.
31	The industry shall provide sufficient storage collection tank to ensure the collection of first run off rain water.	The industry has provided a 2.5 KL FRP tank to collect the first run off rain water and provided pump connection into the above ground level collection tank of capacity 112 KL (2X56).

32	The industry shall provide arrangement to by-pass the rain water collection tank of first run off rain water for subsequent water flow.	Complied
33	The industry shall take measures to prevent the seepages such as cement concrete flooring with proper collection system to collect contaminants / spillages in the relevant areas in the industry premises.	Complied
34	The industry shall provide stack Monitoring facility as per Emission Regulation part - 3 (ERP - 3) norms for all the major stacks of the industry within a period of two months.	Complied
35	The industry shall ensure that the port hole and ladder facility for the Stacks is safe to carry out Stack monitoring in place of monkey ladder, spiral type/scaffold ladder shall be provided to ensure safety of monitoring personnel within a period of two months.	Complied
36	The industry shall maintain records on source of starting raw material / intermediates for each product -wise and the consolidated records shall be submitted to R.O. Nalgonda every month along with invoice copies of the starting raw materials outsourced.	Complied
37	The industry shall maintain separate energy meters for recording energy consumption for air pollution control equipments and maintain record for daily energy consumption.	Complied
38	The evaporation losses in solvents shall be controlled by taking all preventive measures such as circulation of Chilled brine, transfer of solvents by using pumps instead of manual handling, closed centrifuges, providing primary & secondary condensers to all the reactor vents and all the solvent storage tanks and keeping solvent storage in ground storage tanks with closed pipeline to Reactors. The industry operate Solvent Recovery Plant in the plant. Solvents shall be recovered to the maximum extent possible and shall be reused. The industry shall submit status of efficiency of Solvent Recovery Plant to the concerned Regional Officer. The industry shall not dispose spent solvents / mixed spent solvents to the traders/ recyclers.	The industry has provided vent condenser to storage tanks.
39	The industry shall maintain the following records and the same shall be made available to the Board Officials during the inspection. e. Daily production details, RG-1 records and Central Excise Returns. f. Quantity of Effluents generated, force evaporated, condensate generated & treated, RO feed, RO permeate reused. g. Log Books for pollution control systems. h. Daily solid waste generated and disposed. b) The industry shall submit consolidated statement of the above on monthly basis to the concerned regional office.	Complied
40	The industry shall implement the odour control measures at source of generation and from ETP and shall ensure to maintain the same effectively to control odour problems.	The industry has provided 3 Nos. double stage scrubbers with vent condenser followed by activated charcoal bed (2 Nos. at two production blocks and one common scrubber for vent of ATFD and vent of HTDS collection tanks).
41	The industry shall ensure that there shall not be any change in process technology and scope of working without prior approval from the Board.	Complied
42	As per G.O.Rt.No.286, the industry shall transport the industrial effluents and plying on the roads is allowed between 6 A.M. to 6 P.M. only.	--

43	The industry shall maintain concreted internal roads by cleaning regularly to avoid fugitive emissions due to vehicular movement.	Complied (97)
44	The industry shall comply with the all the directions issued by the Board from time to time.	Submitted above
45	The applicant shall submit Environment statement in Form V to the Regional office before 30th September of every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.	Submitted
46	The conditions stipulated in this order are without any prejudice to rights and contentions of this Board in any Hon'ble court of Law.	--

Remarks:

1. M/s. Ravoos Laboratories Limited (Formerly M/s. Silicon Drugs & Intermediates (P) Ltd.), Sy.No. 210, Dothigudem (V), Pochampally (M), Yadadri Bhuvanagiri District and engaged in manufacturing of Drug Intermediates.
2. The Board issued CFO & HWA to the industry vide order dated 28.05.2022 with validity up to 31.03.2026.
3. Earlier, the Board issued closure order to the industry on: 02.03.2022. Subsequently, the industry has revocation of closure order latest dated: 26.06.2023 for a period upto 31.07.2023.
4. During the inspection, manufacturing of Rabeprazol, Lansoprozol, Omeprazole products is under process.
5. The industry has provided MDC as APCE for 3 TPH & Cyclone dust collector as APCE for 1.5 TPH coal fired boilers to control the emissions.
6. The industry has provided 3 Nos. double stage scrubbers with vent condenser followed by activated charcoal bed (2 Nos. at two production blocks and one common scrubber for vent of ATFD and vent of HTDS collection tanks).
7. The industry has provided effluents treatment system consisting of Stripper (37 KLD), MEE - 45 KLD (3 Stage), Biological ETP (56 KL), ATFD (125 Kg/Hr) followed by RO plant of capacity - 1250 Ltrs/hr. During the inspection, biological ETP was in operation.
8. The industry has provided IP Camera focusing Chimney area, Biological ETP (which can rotate 360 for plant view).
9. Earlier, the Board Officials collected effluent samples on 27.05.2023 from Cooling towers attached to production block & MEE. The values of the analysis reports are as given below:

Parameter	Cooling tower attached to Production block	Cooling tower attached to MEE
pH	7.46	7.37
TSS	38	30
TDS	1270	1350
COD	64	72
BOD	12	14
Oil & Grease	--	--

10. The Board Officials collected effluent samples on 28.07.2023 at following points:

- Inlet of Biological ETP
- Outlet of Biological ETP
- RO permeate

12. **WHEREAS**, vide reference 9th cited, you were given an opportunity for hearing before the Task Force Committee of the Board during the meeting held on 07.08.2023. The industry representative and RO-Nalgonda have attended the meeting. After detailed discussions, the Committee recommended to inspect the industries by Task Force Committee Members.

13. **WHEREAS**, vide reference 10th cited, the Task Force Committee Members, EE, Task Force RC Puram Zone and RO-Nalgonda Officials inspected the industries on 10th & 11th of August, 2023. The details of the inspection are as follows:

1. The industry is in operation during inspection.
2. The industry has provided 3 Nos. double stage scrubbers with vent condenser followed by activated charcoal bed (2 Nos. at two production blocks and one common scrubber for vent of ATFD and vent of HTDS collection tanks). The industry has not provided Online Ph meter for scrubber at MEE area.
3. The industry has provided effluents treatment system consisting of Stripper (37 KLD), MEE - 45 KLD (3 Stage), Biological ETP (56 KL), ATFD (125 Kg/Hr) followed by RO plant of capacity - 1250 Ltrs/hr. During the inspection, biological ETP was in operation. However, MLSS is not developed in the biological ETP and thereby ETP is not in proper operating condition.
4. During inspection it was observed that, the inlet to stripper tank was not a closed tank which is leading to odour nuisance.
5. The VOCs measured at above tank and found to be 7.784 PPM. Photograph submitted below:
6. The industry need to maintain records of COD, TDS every day for biological ETP so as to know the operating condition of the ETP.
7. The industry has provided MDC as APCE for 3 TPH & Cyclone dust collector as APCE for 1.5 TPH coal fired boilers to control the emissions.
8. The compliance status of the industry on the Non-Compliances reported in the TF meeting dt.07.08.2023 agenda:

S. No.	Direction	Compliance
1	Odour was observed within the premises and at MEE, ATFD area.	During inspection, Odour was observed at MEE area. The VOCs measured at above tank and found to be 0.4 PPM.
3	The industry has to improve housekeeping at MEE area.	Not maintained.
4	Biological ETP	Not complied, Biological ETP, is not functioning properly as the COD outlet was very high.
5	The industry is storing coal openly and lot of coal / ash spillages observed in the area. Proper shed is required to store the coal.	

14. **WHEREAS**, vide reference 11th cited, you were given an opportunity for hearing before the Task Force Committee of the Board during the meeting held on 28.08.2023. The Complainants & industry representatives (Virtually), RO-Nalgonda have attended the meeting. After detailed discussions, the Committee recommended to issue Extension of Temporary Revocation of Closure Orders for a period upto 31.10.2023 and also recommended to forfeit the Bank Guarantee of Rs.12.0 Lakhs with certain directions.

15. **WHEREAS**, after careful consideration of the material facts of the case, **the Board hereby issue Extension of Temporary Revocation of Closure Order to your industry for a period upto 31.10.2023 with the following directions to comply with:**

1. The industry shall comply with all conditions stipulated in the CFO&HWA order issued by the Board scrupulously.
2. The industry shall comply with all the conditions stipulated in the Extension of Temporary Revocation of Closure Order dated: 26.06.2023.
3. The industry shall pay the Environmental Compensation (EC) of Rs.50,40,000/- as per the Hon'ble NGT Orders vide order dated:21.06.2023, you are hereby directed to deposit an amount of Rs.50,40,000/- (Rupees Fifty Lakhs Forty Thousand Only) towards Environmental Compensation. The amount shall be deposited by way of D.D drawn in favour of "Member Secretary, T.S Pollution Control Board" payable at Hyderabad.
4. The industry shall provide odour suppressant mist spray / sprinkle "PIION" liquid at effluent treatment area to control VOCs within one month.

5. The industry shall conduct the LDAR study once in six months. The industry shall take necessary measures as per the latest Leak Detection and Repair (LDAR) Study to arrest the solvent losses and reduce VOCs in the premises.

(99)

16. **WHEREAS**, the TSSPDCL., Ltd., has been directed to restore the power supply to your industry from 01.08.2023 for a period upto 31.10.2023.

17. These directions are issued under Section 31(A) of the Air (Prevention and Control of Pollution) Act 1981 (as amended by Act 47 of 1987).

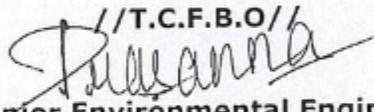
18. You are hereby directed to note that, should you misuse these orders to operate the unit violating any of the conditions mentioned above, your unit will be closed under Section 31(A) of the Air (Prevention and Control of Pollution) Act 1981 (as amended by Act 47 of 1987) without any further notice to you and you will also be liable for prosecution in the court of Metropolitan Magistrate or Judicial Magistrate of the first class under section 37(1) of Air (Prevention and Control of Pollution) Act 1981 (as amended by Act 47 of 1987), the punishment for which include imprisonment for a term which shall not be less than one year six months and which may be extended to six years with fine.

Sd/-
MEMBER SECRETARY

To
M/s. Ravoos Laboratories Limited
(Formerly M/s. Silicon Drugs & Intermediates (P) Ltd.,
M/s. Anvija Pharmaceuticals (P) Ltd.),
Sy.No.210, Dothigudem (V), Pochampally (M),
Yadadri Bhuvanagiri District.

Copy to:

1. The JCEE., Z.O., R.C.Puram for information and necessary action.
2. The Environmental Engineer, Regional Office, Nalgonda for information necessary action. The RO is directed coordinate with the Task Force Committee Members to inspect the industry after four weeks to verify the compliances status of the industry.
3. Concerned file.

//T.C.F.B.O//

Senior Environmental Engineer
(Task Force - UH-IV)

This Order has the Digital Approval by the Member Secretary.



TELANGANA STATE POLLUTION CONTROL BOARD
PARYAVARAN BHAVAN, A - 3, INDUSTRIAL ESTATE,
SANATHNAGAR, HYDERABAD - 500 018.

Phone: 23887500
Fax: 040 - 23815631
Website: tspcb.cgg.gov.in

BY REGD. POST WITH ACK. DUE

Order No.NLG-14/TSPCB/TF/HO/2023- 760

Date:13.09.2023

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Sub : TSPCB - M/s. Ravoos Laboratories Limited (Formerly M/s. Silicon Drugs & Intermediates (P) Ltd., M/s. Anvija Pharmaceuticals (P) Ltd.,), Sy.No.210, Dothigudem (V), Pochampally (M), Yadadri Bhuvanagiri District - Water (Prevention and Control of Pollution) Act, 1974 (as amended by Act 53 of 1988) and Air (Prevention and Control of Pollution) Act 1981 (as amended by Act 47 of 1987) - **Extension of Temporary Restoration of Power Supply for a period upto 31.10.2023 - Orders Issued** - Reg.

Ref : 1. Order No.NLG-14/TSPCB/TF/HO/2023-449, Dt: 26.06.2023.
2. Hearing held on 28.08.2023.
3. Order No.NLG-14/TSPCB/TF/HO/2023- , dt:13.09.2023.

* * * * *

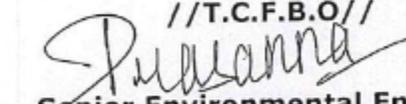
In the 1st reference mentioned above, orders under section 33(A) of Water (Prevention and Control of Pollution) Amendment Act, 1988 & under section 31(A) of Air (Prevention and Control of Pollution) Amendment Act, 1987 orders were directed to TSSPDCL to restore the power supply for a period upto 31.07.2023 to M/s. Ravoos Laboratories Limited (Formerly M/s. Silicon Drugs & Intermediates (P) Ltd., M/s. Anvija Pharmaceuticals (P) Ltd.,), Sy.No.210, Dothigudem (V), Pochampally (M), Yadadri Bhuvanagiri District.

In the 2nd reference cited, the status of the industry was reviewed before the Board's Task Force Committee meeting held on 28.08.2023. After careful consideration of all the material facts of the case, it was decided to issue extension of temporary revocation of closure orders for a period upto 31.10.2023. Accordingly the Board has issued extension of temporary revocation of closure orders to the industry. A copy of the extension of temporary revocation of closure orders is herewith enclosed.

In view of the above, the Board hereby directs the TSSPDCL to extend the power supply to M/s. Ravoos Laboratories Limited (Formerly M/s. Silicon Drugs & Intermediates (P) Ltd., M/s. Anvija Pharmaceuticals (P) Ltd.,), Sy.No.210, Dothigudem (V), Pochampally (M), Yadadri Bhuvanagiri District for a period upto 31.10.2023 for carrying out the production activities. These directions are issued under section 33(A) of Water (Prevention and Control of Pollution) Amendment Act, 1988 and under section 31(A) of Air (Prevention and Control of Pollution) Amendment Act, 1987..

Sd/-
MEMBER SECRETARY

To,
The Superintending Engineer (Operations),
Telangana State Southern Power Distribution Company Ltd.,
Yadadri Bhuvanagiri District.

//T.C.F.B.O//

Senior Environmental Engineer
(Task Force - UH-IV)

This Order has the Digital Approval by the Member Secretary.

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Annexure - VII



TELANGANA STATE POLLUTION CONTROL BOARD
PARYAVARAN BHAVAN, A - 3, INDUSTRIAL ESTATE,
SANATHNAGAR, HYDERABAD - 500 018.

Phone: 23887500
Fax: 040 - 23815631
Website: tspcb.cgg.gov.in

BY REGD. POST WITH ACK. DUE

ORDERS ISSUED UNDER WATER (P&CP) AMENDMENT ACT, 1988

Order No. NLG-50/TSPCB/TF/HO/2023- 771

Date: 13.09.2023

Sub: TSPCB - M/s. V.J.Sai Chem, Sy.No.240/B, Dhothigudem (V), Pochampally (M), Yadadri Bhuvanagiri District - Water (Prevention and Control of Pollution) Act, 1974 (as amended by Act 53 of 1988) - **Extension of Temporary Revocation of Closure Order for a period up to 31.10.2023 - Orders Issued** - Reg.

- Ref :**
1. CFO&HWA Order dt: 14.10.2021 with a validity up to 30.04.2026.
 2. Closure Order No.NLG-50/TSPCB/TF/HO/2017-, dt.02.03.2022.
 3. Temporary Revocation of Closure Order No.NLG-50/TSPCB/TF/HO/2017, Dt: 27.04.2022.
 4. The Hon'ble NGT, Chennai has issued directions vide Order dated: 17.01.2023.
 5. The Board issued additional directions on 21.06.2023 for Levying of Environmental Compensation.
 6. Extension of Temporary Revocation of Closure Order issued on 26.06.2023 for a period up to 31.07.2023.
 7. The Board received a complaint on twitter by Sri Panduchoppari@panduchoppari on 31.07.2023 regarding colored water stagnation in the Dhothigudem area and also same complaint forwarded by the District Collector, Yadadri Bhuvanagiri District.
 8. The RO-Nalgonda Officials report dated 01.08.2023.
 9. Hearing held on 07.08.2023.
 10. Hon'ble High Court orders in WP No. 18088 of 2023, dt.08.08.2023 regarding Environmental Compensation Levied by the TSPCB
 11. The Task Force Committee Members inspected the industry on 10.08.2023 & 11.08.2023.
 12. Hearing held on 28.08.2023.

* * * * *

1. **WHEREAS**, you are operating the industry located at Sy.No.240/B, Dhothigudem (V), Pochampally (M), Yadadri Bhuvanagiri District and engaged in Bulk drugs & Intermediates manufacturing unit.
2. **WHEREAS**, vide reference 1st cited, the Board issued CFO&HWA to the industry on 14.10.2021 with a validity up to 30.04.2026.
3. **WHEREAS**, vide reference 2nd cited, the Board issued Closure order to the industry for non compliance of the Board directions / Consent conditions and causing pollution in the surrounding area.
4. **WERHEAS**, vide reference 3rd cited, the Board issued Temporary Revocation of Closure Order to industry on 27.04.2022 for a period of Three months with certain directions to comply.
5. **WHEREAS**, vide reference 4th cited, the Hon'ble NGT, Chennai vide Order dated: 17.01.2023 directed the TSPCB to furnish the compliance report on water & soil analysis.
6. **WERHEAS**, vide reference 5th cited, the Board issued additional directions to the industry on 21.06.2023 for Levying of Environmental Compensation (EC).
7. **WERHEAS**, vide reference 6th cited, the Board issued Extension of Temporary Revocation of Closure Order to the industry on 26.06.2023 for a period up to 31.07.2023.
8. **WERHEAS**, vide reference 7th cited, the Board received a complaint on twitter by Sri Panduchoppari@panduchoppari on 31.07.2023 regarding colored water stagnation in the Dhothigudem area and also same complaint forwarded by the District Collector, Yadadri Bhuvanagiri District.

DESPATCH NO:
DATE: 14 SEP 2023

9. **WHEREAS**, the industry have filed a Writ Petitions before Hon'ble High Court of Telangana praying the Hon'ble High Court to declare the orders issued by the Respondent Board directing the petitioner industry to deposit an amount towards Environmental Compensation without giving any notice as arbitrary and irregular, contrary to law, without power and jurisdiction and set aside the same.

10. **WHEREAS**, the Hon'ble High Court passed an orders dt.08.08.2023 in the WP No.18088 of 2023, the composite order dated:21.06.2023 issued to the industry by the Board is quashed and set aside and the operative portion of the order reads as under.

"for the afore-mentioned reasons, order dated:2106.2023 passed by the Board cannot be sustained in the eye of law. Accordingly, it is quashed and set aside. The matter is remitted to the Board to consider the grounds taken by the petitioner in the explanati0oni dated:02.06.2023. Needless to state that the Board shall also consider the fact that consent for operation was granted to the petitioner on 08.02.2023 as well as the fact that the petitioner was not a party to the order dated: 17.01.2023 passed by National Green Tribunal in OA.No.97 of 2021. The Board shall afford and opportunity of hearing to the petitioner and shall by speaking order conclude the proceeding initiated in pursuance to show cause notice dated; 22.05.20232 . it is made clear that this court has not expressed any opinion on merits of the matter.

11. **WHEREAS**, vide reference 8th cited, the RO-Nalgonda officials inspected the industry and submitted report to the Board office on 01.08.2023 and the following observations were made:

1. The industry is in operation during inspection.
2. The compliance status of the industry on the Non-Compliances stipulated in the Extension of Temporary Revocation of Closure Order dt: 26.06.2023 is as follows:

(A) Water Act:

S. No	Direction	Compliance
1	The industry shall comply with all conditions stipulated in the CFO & HWA order issued by the Board scrupulously.	Submitted below
2	The industry shall continue to segregate the effluents into HTDS and LTDS.	Complied
3	The industry shall regularly operate the New ZLD system for treatment of effluents. The HTDS effluents shall be treated in stripper, MEE and ATFD. The condensate & LTDS effluents shall be treated in Biological ETP followed RO system and treated effluents shall be reused in the plant. The RO rejects shall be sent to MEE for forced evaporation.	The industry has ZLD system consisting of Stripper (12 KLD), MEE (25 KLD) & ATFD (2 KLD) & Aeration tank-1 (32 KLD), Aeration tank-2(11 KLD), settling tank (11 KLD), RO plant (25 KLD). During the inspection, MEE system was under operation. During the inspection it was observed that, acid proof tiles work is under progress in the Biological ETP.
4	The industry shall install & maintain online TDS meter for RIDS effluent generation and connect the same to TSPCB server.	Complied
5	The industry shall provide first run off rain water & seepage collection pit with proper bypass arrangement for free flow of subsequent rain water (24 kidacre). The collected contaminated rain water shall be pumped and stored in above ground level tank of adequate capacity and the same shall be treated within the premises or send to CETP for further treatment.	The industry has provided below ground level first run off rain water collection tank of capacity 30 KL for rain water collection.
6	The industry shall not discharge any effluent/ leakages / spillages / seepages etc. within the premises and outside the industry premises	During the inspection, no discharges were observed.

	under any circumstances.	
7	The industry shall store drums containing raw material / in process goods / MLs /spent solvents / wastes etc., on the concrete platform under covered shed with dyke walls & proper leachate collection system and the industry shall not store drums openly on ground.	The industry has provided shed for storage of drums.
8	The industry shall collect & store the hazardous waste in an elevated closed shed with impervious lining and leachate collection system. The industry shall dispose the Hazardous Waste regularly in accordance with the CFO&HW order and shall not store beyond 90 days.	The industry has provided shed for storage of hazardous waste.
9	The industry shall continuously operate the online monitoring system provided to the HTDS, LTDS & RO permeate as per the directions of CPCB and shall ensure continuous data transmission to the TSPCB server.	The industry has connected HTDS effluents and RO Permeate digital flow meters to TSPCB server. But, not connected LTDS effluents digital flow meter to Board server.
10	The industry shall provide & maintain operate IP cameras at main gate entrance and shall be connected to the TSPCB Server.	The industry has provided IP camera at main gate entrance and connected to Board server.
11	The industry shall provide & maintain PTZ (Pan Tilt Zoom) cameras to focus the entire premises duly covering ZLD area, boiler stack and entire boundary of the plant.	The industry installed 2 Nos of IP cameras at Chimney area and Biological ETP.
12	The industry shall not use any flexible pipelines within the premises for transfer of effluents / wastewater. All the effluent conveying pipe lines shall be fixed.	The industry has not provided fixed pipelines from solvent storage yard to production block. The industry using drums for transfer of solvent, this will cause odour nuisance in the surrounding area.
13	The industry shall not use effluents or any waste water in cooling towers and shall check the quality of the cooling circulation water regularly.	During the inspection, no discharges of waste water was observed.
14	The industry shall maintain proper housekeeping within the premises.	Housekeeping at MEE area needs improvement.
15	The industry shall extend the Bank Guarantee from time to time till further orders from the Board.,	The industry has submitted BG of 2 lakhs with BG No: OGT0570230076734 on 03.02.2023 with validity period of 02.02.2024.
16	The industry shall not carryout operations without valid revocation of closure orders. Failing which the Board will be constraint to take action against the industry.	The industry has revocation of closure order dated: 26.06.2023 for a period upto 31.07.2023.

(C) The compliance status of the industry on the Levying of Environmental Compensation additional directions Order dt: 21.06.2023 is as follows:

S. No	Direction	Compliance
1	The Industry shall maintain sufficient free board to avoid over flows in effluent collection tanks and shall dispose the same as per CFO&HWA conditions.	Submitted below
2	The industry shall not stock the effluents in the collection tanks and shall send the excess effluents to CETP/ to treat in ZLD system in view of the rainy season.	Directed to comply

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(D) Compliance with regard to Schedule -B conditions of CFO order No. 210523037308, dt.14.10.2021.

S. No.	Condition	Compliance																																										
1	<p>Total water consumption shall not exceed 67.8 KLD</p> <table border="1"> <thead> <tr> <th>S.No</th> <th>Purpose</th> <th>Quantity (KLD)</th> </tr> </thead> <tbody> <tr> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>1</td> <td>Process & washings</td> <td>9.7 KLD</td> </tr> <tr> <td>2</td> <td>Boiler make up, Cooling tower & DM plant</td> <td>54 KLD</td> </tr> <tr> <td>3</td> <td>Scrubber</td> <td>1.5 KLD</td> </tr> <tr> <td>4</td> <td>Domestic</td> <td>0.6 KLD</td> </tr> <tr> <td>5</td> <td>Gardening</td> <td>2.0 KLD</td> </tr> <tr> <td colspan="2">Total</td> <td>67.8 KLD</td> </tr> </tbody> </table>	S.No	Purpose	Quantity (KLD)	-	-	-	1	Process & washings	9.7 KLD	2	Boiler make up, Cooling tower & DM plant	54 KLD	3	Scrubber	1.5 KLD	4	Domestic	0.6 KLD	5	Gardening	2.0 KLD	Total		67.8 KLD	As per the records, during the last 6 months period from Jan'2023 to Jun'2023, the water consumption is 62.5 KLD (Avg) as against the consented 67.8 KLD and effluent generation is 13.22 KLD (Avg) as against the consented 24.05 KLD.																		
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4	<p>The industry shall not manufacture any un-consented products and exceeding capacities without obtaining prior Consent for Establishment (CFE) and Consent for Operation (CFO) of the Board.</p>	As per the records, during the last 6 months period from Jan'2023 to Jun'2023, the industry has manufactured 7 consented products and the quantity manufactured is 397.4 Kgs/day (avg) as against the overall production capacity of 480 Kgs/day (12 TPM).																																										
5	<p>The industry shall comply with emission limits for DG sets upto 800 KW as per the Notification G.S.R.520 (E), dated 01.07.2003 under the Environment (Protection) Amendment Rules, 2003 and G.S.R.448(E), dated 12.07.2004 under the Environment (Protection) Second Amendment Rules, 2004. In case of DG sets more than 800 KW should comply with emission limits as per the Notification G.S.R.489 (E), dated 09.07.2002 at serial no.96, under the Environment (Protection) Act, 1986.</p>	Complied																																										

6	The industry shall comply with ambient air quality standards of PM ₁₀ (Particulate Matter size less than 10 µm) - 100 µg/ m ³ ; PM _{2.5} (Particulate Matter size less than 2.5 µm) - 60 µg/ m ³ ; SO ₂ - 80 µg/ m ³ ; NO _x - 80 µg/m ³ , outside the factory premises at the periphery of the industry. Standards for other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009 Noise Levels: Day time (6 AM to 10 PM) - 75 dB (A) Night time (10 PM to 6 AM) - 70 dB (A).	--
7	The existing CFO & HWA (expansion) order dt..19.06.2019 with a validity up to 31.03.2024 stands cancelled.	--
8	The industry has paid CFO fee of Rs.7,38,810/- for a period up to 30.04.2026	Complied
9	The industry either paying annual fee or total fee for consented period, shall pay the balance fee as per the revised rates as applicable from time to time.	--
10	The industry shall segregate the HTDS & LTDS effluents.	Complied
11	The industry shall regularly operate the ZLD system to treat the effluent and 100% recycle of treated effluent.	The industry has ZLD system consisting of Stripper (12 KLD), MEE (25 KLD) & ATFD (2 KLD) & Aeration tank-1(32 KLD), Aeration tank-2(11 KLD), settling tank (11 KLD), RO plant (25 KLD). During the inspection, MEE system was under operation. During the inspection it was observed that, acid proof tiles work is under progress in the Biological ETP.
12	The industry shall maintain digital flow meters with totalisers (RS-485 communication) for recording the quantity of HTDS effluents, RO permeate and also maintain daily records. They shall connect the flow totaliser data to TSPCB & CPCB servers as per CPCB protocol. The industry shall connect the flow meter at LTDS effluent to TSPCB server within one month as committed.	The industry has provided flow meters at HTDS effluents, MEE Condensate, RO feed (Outlet Biological ETP), RO Permeate and Steam flow meter to MEE system. The industry has connected HTDS effluents and RO Permeate digital flow meters to TSPCB server. But, not connected LTDS effluents digital flow meter to Board server.
13	The industry is permitted to send HTDS effluents to the MEE system of M/s. JETL, Jeedimetla for a period of maximum 15 days in a calendar year i.e. during maintenance / break down of Stripper, MEE & ATFD system and shall maintain records.	--
14	The industry shall provide and operate IP Camera with PAN, Zoom, 5x or above focal length, with night vision capability, at main gate entrance & at other gates where there is movement of effluent tankers, Solvent tankers, Chemical tankers, Hazardous Waste carrying vehicles & other material carrying vehicles. These cameras shall be connected to the website of TSPCB, with minimum backup of three months.	The industry has provided IP camera at main gate entrance and connected to Board server.
15	The industry is permitted to send HTDS effluents to the MEE system of M/s. JETL, Jeedimetla for a period of maximum 15 days in a calendar year i.e. during maintenance / break down of Stripper, MEE & ATFD system and shall maintain records.	--

16	The industry shall maintain vent condensers for chemical / solvent storage tanks to control fugitive emissions.	Complied
17	The industry shall maintain separate water meters for recording water consumption for process, boiler feed, cooling and domestic purposes and also maintain daily records.	The industry has provided separate energy meter for ZLD system, APCE to boiler and maintaining the records.
18	The industry shall operate multi stage scrubber along with online pH monitoring system for control of process emissions. They shall maintain log book for operation of scrubber for monitoring active scrubbing media.	The industry has provided 3 Nos. of double stage scrubbers with activated charcoal bed followed by condenser. (The industry has connected vent of dome of HTDS collection tank, vent of ATFD and production block-A to same scrubber)
19	The industry shall monitor VOCs in ambient air with online VOC analyzer & connect the data to TSPCB server.	The industry has provided VOC analyzer for monitoring of VOCs and connected the same to TSPCB server.
20	The industry shall maintain elevated platform with leachate/spillages collection pit to store drums containing chemicals & wastes to control spillages / discharges of chemicals / effluents on ground.	Complied
21	The industry shall maintain IP camera with PAN, TILT Zoom, 5x or above focal length, with night vision capability at effluent collection system (HTDS & LTDS) and RO permeate as per CPCB norms. They shall connect the data to CPCB & TSPCB server.	The industry has provided IP camera along with digital flow meters combined HTDS effluents and RO Permeate and connected to TSPCB server. The industry has not connected LTDS effluents digital flow meter to Board server.
22	The industry shall install on line TDS meter for HTDS effluent generation and connect the same to TSPCB server within two months. They shall maintain the records for effluent generation, TDS values, salts generation on daily basis.	Complied
23	The industry shall develop greenbelt as per norms.	The industry has developed greenery in an area about 0.3 acre.
24	The industry shall maintain records on source of starting raw material / Intermediates for each product-wise and the consolidated records shall be submitted to R.O., Nalgonda every month along with invoice copies of the starting raw materials outsourced.	Not submitting
25	The industry shall provide adequate closed storage facilities above the ground with proper lining for storage of effluents before its treatment	Complied
26	The industry shall not use effluents in cooling towers under any circumstances.	Complied
27	The industry shall not discharge any effluents on land within or outside the plant premises.	During the inspection, no discharge of effluents were observed.
28	The industry shall provide storm water drains to avoid mixing of effluent/spillages with run-off water during rains. The industry shall collect contaminated rain water and shall dispose the same to CETP, after conforming to the influent standards of CETP duly maintain separate records.	Complied

29	The industry shall provide sufficient storage collection tank to ensure the collection of first run off rain water.	The industry has provided 3 Nos. of double stage scrubbers with activated charcoal bed followed by condenser. (The industry has connected vent of dome of HTDS collection tank, vent of ATFD and production block-A to same scrubber)
30	The industry shall provide arrangement to by-pass the rain water collection tank of first run off rain water for subsequent water flow.	Complied
31	The industry shall take measures to prevent the seepages such as cement concrete flooring with proper collection system to collect contaminants / spillages in the relevant areas in the industry premises and avoid seepages outside the industry premises.	Complied
32	The industry shall provide and maintain hood with extraction systems to the HTDS collection tanks and connect to the scrubbers to control the odour problem.	The industry has covered the effluents storage tanks with asbestos cement sheets and connected to scrubber.
33	The industry shall carry out Leak Detection and Repair Study (LDAR) to access the solvent losses and based on the study the industry shall take necessary steps to arrest the solvent losses and reduce VOCs in the premises.	The industry has conducted Leak Detection and Repair Study in the month of July'2022.
34	The industry shall provide and maintain separate energy meters for recording energy consumption for air pollution control equipments and maintain record for daily energy consumption.	Complied
35	The evaporation losses in solvents shall be controlled by taking all preventive measures such as circulation of Chilled brine, transfer of solvents by using pumps instead of manual handling, closed centrifuges, providing primary & secondary condensers to all the reactor vents and all the solvent storage tanks and keeping solvent storage in ground storage tanks with closed pipeline to Reactors.	The industry has provided vent condensers to Bulk solvent storage tanks.
36	The industry shall operate Solvent Recovery Plant in the plant. Solvents shall be recovered to the maximum extent possible and shall be reused. The industry shall submit status of efficiency of Solvent Recovery Plant to the concerned Regional Officer. The industry shall not dispose spent solvents / mixed spent solvents to the traders/ recyclers.	The industry has 3 KL solvent distillation column for recovery of spent solvents. The recovered solvents are reused in the premises.
37	The industry shall provide and maintain Stack Monitoring facility as per Emission Regulation part-3 (ERP-3) norms for all the major stacks of the industry.	Complied
38	The industry shall ensure that the Port hole and ladder facility for the Stacks is safe to carry out Stack monitoring. In place of monkey ladder, spiral type/scaffold ladder shall be provided to ensure safety of monitoring personnel.	Complied
39	The industry shall implement the odour control measures at source of generation and from ETP and shall ensure to maintain the same effectively to control odour problems.	The industry domes for storage tanks and connected to scrubber with online pH meters to control process emissions.
40	The industry shall ensure that there shall not be any change in process technology and scope of working without prior approval from the Board.	--

41	(a) The industry shall maintain the following records and the same shall be made available to the Board Officials during the inspection. i. Daily production details. ii. Quantity of Effluents generated and reused. iii. Log Books for pollution control systems. iv. Daily solid waste generated and disposed (b) The industry shall submit consolidated statement of the above on monthly basis to the Concerned Regional Office.	Maintained
42	As per G.O.Rt.No.286, the industry shall transport the industrial effluents and plying on the roads is allowed between 6 A.M. to 6 P.M. only.	--
43	The industry shall comply with Task Force directions issued by the Board from time to time.	Submitted above
44	The applicant shall submit Environment statement in Form V to the Regional office before 30th September of every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.	Submitting

Remarks:

- M/s. VJ Sai Chem., is located at Sy.No.240/B, Dothigudem (V), Pochampally (M), Yadadri Bhuvanagiri District and engaged in manufacturing of Drug Intermediates.
- The Board issued CFO & HWA to the industry vide order dated 14.10.2021 with validity up to 30.04.2026.
- During the inspection, manufacturing of Itraconazole product is under operation.
- The industry has provided Mechanical dust collector followed by Bag filter as APCE for 5 TPH & 2 TPH coal fired boilers with a common stack of height 30 mtrs.
- The industry has provided 3 Nos. of double stage scrubbers with activated charcoal bed followed by condenser. (The industry has connected vent of dome of HTDS collection tank, vent of ATFD and production block-A to same scrubber).
- The industry has provided VOC analyzer for monitoring of VOCs and connected the same to TSPCB server.
- The industry has ZLD system consisting of Stripper (12 KLD), MEE (25 KLD) & ATFD (2 KLD) & Aeration tank-1(32 KLD), Aeration tank-2 (11 KLD), Settling tank (11 KL), Clarifier, Sand & Carbon filter and treated water tank & RO plant (25 KLD). During the inspection it was observed that, acid proof tiles work is under progress in the Biological ETP.
- Earlier, the Board Officials collected effluent samples on 27.05.2023 from Cooling towers attached to production block & Chilling plant. The values of the analysis reports are as given below:

Parameter	Cooling tower attached to Production block	Cooling tower attached to Chilling plant
pH	7.25	7.80
TSS	42	38
TDS	780	860
COD	124	156
BOD	11	15
Oil & Grease	--	--

Note: All values are in mg/L, except pH.

- WHEREAS**, vide reference 9th cited, you were given an opportunity for hearing before the Task Force Committee of the Board during the meeting held on 07.08.2023. The industry representative and RO-Nalgonda have attended the meeting. After detailed discussions, the Committee recommended to inspect the industries by Task Force Committee Members.
- WHEREAS**, vide reference 10th cited, the Task Force Committee Members, EE, Task Force RC Puram Zone and RO-Nalgonda Officials inspected the industries on 10th & 11th of August,2023. The details of the inspection are as follows:

- The industry is in operation during inspection.

2. The industry has provided 3 Nos. of double stage scrubbers with activated charcoal bed followed by condenser. (The industry has connected vent of dome of HTDS collection tank, vent of ATFD and production block-A to same scrubber). The committee recommended to provide separate scrubber for HTDS collection tank dome.
3. The industry has ZLD system consisting of Stripper (12 KLD), MEE (25 KLD) & ATFD (2 KLD) & biological ETP consisting of Aeration tank-1(32 KLD), Aeration tank-2 (11 KLD), Settling tank (11 KL), Clarifier, Sand & Carbon filter and treated water tank & RO plant (25 KLD). During inspection it was observed that, bio culture development is under progress in the Biological ETP. The biological ETP is not functioning properly, just they are doing aeration.
4. During the inspection, it was observed that, the industry has stored drums openly.
5. The industry has provided Mechanical dust collector followed by Bag filter as APCE for 5 TPH & 2 TPH coal fired boilers with a common stack of height 30 mtrs.
6. The compliance status of the industry on the Non-Compliances reported in the TF meeting dt.07.08.2023 agenda (as per report of RTF team):

S. No	Direction	Compliance
1	The industry has provided scrubber to the ATFD vent and causing smell nuisance at ATFD area. However odour was observed at the ATFD area.	During the inspection, odour is observed in the industry premises. Photograph of ATFD is submitted below.
2	The overall housekeeping of the industry shall improve.	Maintained
3	The industry has installed online TDS meter but not connected to TSPCB website.	The industry has installed online TDS meter and connected to TSPCB website.
4	During the inspection spillages were observed at ATFD & MEE.	Spillages were arrested.

7. The compliance status of the industry on the Non-Compliances reported in the TF meeting dt.07.08.2023 agenda (as per RO report):

1	During the inspection it was observed that, acid proof tiles work is under progress in the Biological ETP.	Not complied, During the inspection, it was observed that tiles work in the aeration tank was completed and they are developing Bio culture in the aeration tank as part of the Biological ETP. Presently they are operating pre aeration tank as aeration to treat the LTDS effluent. They have just started the Biological ETP system till date they have not addressed the effluents. The culture they are developing is also not active.
2	The industry has not connected LTDS effluents digital flow meter to Board server.	Not complied
3	The industry has not provided fixed pipelines from solvent storage yard to production block. The industry using drums for transfer of solvent, this will cause odour nuisance in the surrounding area.	Complied
4	The industry has not provided PIION spray system.	Not complied
5	The industry is having odour in the premises.	During the inspection, odour was observed in the industry premises.
6	The industry has not submitted latest LDAR study report.	The industry has conducted LDAR study in July'2023. Copy submitted to the RO. As per the LDAR report, major leakages were found in solvent storage yard,

	production block-I, production block-II. The industry representative informed that they rectified the major leakages as per LDAR report.
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14. **WHEREAS**, vide reference 11th cited, you were given an opportunity for hearing before the Task Force Committee of the Board during the meeting held on 28.08.2023. The Complainants & industry representatives (Virtually), RO-Nalgonda have attended the meeting. After detailed discussions, the Committee recommended to issue Extension of Temporary Revocation of Closure Orders for a period up to 31.10.2023 with certain directions.
15. **WHEREAS**, after careful consideration of the material facts of the case, **the Board hereby issue Extension of Temporary Revocation of Closure Order to your industry for a period up to 31.10.2023 with the following directions to comply with:**
1. The industry shall comply with all conditions stipulated in the CFO&HWA order issued by the Board scrupulously.
 2. The industry shall comply with all the conditions stipulated in the Extension of Temporary Revocation of Closure Order dated: 26.06.2023.
 3. The industry shall pay the Environmental Compensation (EC) of Rs.22,40,000/- as per the Hon'ble NGT Orders vide order dated:21.06.2023, you are hereby directed to deposit an amount of Rs.22,40,000/- (Rupees Twenty Two Lakhs Forty Thousand Only) towards Environmental Compensation. The amount shall be deposited by way of D.D drawn in favour of "Member Secretary, T.S Pollution Control Board" payable at Hyderabad.
 4. The industry shall continuously operate ZLD system so as to treat all the effluent and shall reuse all the treated effluent for plant needs and shall maintain the records.
 5. The industry shall maintain adequate bio-culture / MLSS in the aeration tank to operate biological ETP effectively thereby reduce load on the RO.
 6. The industry shall provide/maintain operate digital flow meters with IP cameras to ZLD system & provide/ maintain IP camera at main gate entrance. The industry shall provide / maintain PTZ camera to cover ZLD & boiler area. All the cameras shall be connected to the TSPCB Server.
 7. The industry shall provide first runoff of rainwater & seepage collection pit with proper bypass arrangement for free flow of subsequent rain water (24 kL/acre). The collected contaminated rain water shall be pumped and stored in above ground level tank of adequate capacity and the same shall be treated within the premises or send to CETP for further treatment and disposal.
 8. The industry shall provide digital flow meter for the first run off water and shall treat in their ZLD / dispose to CETP for further treatment.
 9. The industry shall extend the Bank Guarantee from time to time till further orders from the Board.
 10. The industry shall not carryout operations without valid revocation of closure orders. Failing which the Board will be constraint to take action against the industry.
16. **WHEREAS**, the TSSPDCL., Ltd., has been directed to restore the power supply to your industry for a period upto 31.10.2023.
17. These orders are issued under Section 33(A) of Water (Prevention and Control of Pollution) Act, 1974 (as amended by Act 53 of 1988).

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18. You are hereby directed to note that, should you misuse these orders to operate the unit violating any of the conditions mentioned above, your unit will be closed under Section 33(A) of Water (Prevention and Control of Pollution) Act, 1974 (as amended by Act 53 of 1988) without any further notice to you and you will also be liable for prosecution in the court of Metropolitan Magistrate or Judicial Magistrate of the first class under section 41(2) of Water (Prevention and Control of Pollution) Act, 1974 (as amended by Act 53 of 1988), the punishment for which include imprisonment for a term which shall not be less than one year six months and which may be extended to six years with fine.

Sd/-
MEMBER SECRETARY

To
M/s. V.J.Sai Chem,
Sy.No.240/B, Dhothigudem (V),
Pochampally (M),
Yadadri Bhuvanagiri District.

Copy to:

1. The JCEE., Z.O., R.C.Puram for information and necessary action.
2. The Environmental Engineer, Regional Office, Nalgonda for information necessary action. The RO is directed coordinate with the Task Force Committee Members to inspect the industry after four weeks to verify the compliances status of the industry
3. Concerned file.

T.C.F.B.O.
Prasanna
Senior Environmental Engineer
(Task Force - UH-IV)

This Order has the Digital Approval by the Member Secretary.

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	TELANGANA STATE POLLUTION CONTROL BOARD PARYAVARAN BHAVAN, A - 3, INDUSTRIAL ESTATE, SANATHNAGAR, HYDERABAD - 500 018.	Phone: 23887500 Fax: 040 - 23815631 Website: tspcb.cgg.gov.in
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BY REGD. POST WITH ACK. DUE

ORDER ISSUED UNDER AIR (P&C) AMENDMENT ACT, 1987

Order No.NLG-50/TSPCB/TF/HO/2023- 770

Date:13.09.2023

SM
DESPATCH NO:
DATE : 14 SEP 2023

Sub: TSPCB - M/s. V.J.Sai Chem, Sy.No.240/B, Dhothigudem (V), Pochampally (M), Yadadri Bhuvanagiri District - Air (Prevention and Control of Pollution) Act 1981 (as amended by Act 47 of 1987)- **Extension of Temporary Revocation of Closure Order for a period up to 31.10.2023 - Orders Issued** - Reg.

- Ref :**
1. CFO&HWA Order dt: 14.10.2021 with a validity up to 30.04.2026.
 2. Closure Order No.NLG-50/TSPCB/TF/HO/2017-, dt.02.03.2022.
 3. Temporary Revocation of Closure Order No.NLG-50/TSPCB/TF/HO/2017, Dt: 27.04.2022.
 4. The Hon'ble NGT, Chennai has issued directions vide Order dated: 17.01.2023.
 5. The Board issued additional directions on 21.06.2023 for Levying of Environmental Compensation.
 6. Extension of Temporary Revocation of Closure Order issued on 26.06.2023 for a period up to 31.07.2023.
 7. The Board received a complaint on twitter by Sri Panduchoppari@panduchoppari on 31.07.2023 regarding colored water stagnation in the Dhothigudem area and also same complaint forwarded by the District Collector, Yadadri Bhuvanagiri District.
 8. The RO-Nalgonda Officials report dated 01.08.2023.
 9. Hearing held on 07.08.2023.
 13. Hon'ble High Court orders in WP No. 18088 of 2023, dt.08.08.2023 regarding Environmental Compensation Levied by the TSPCB
 10. The Task Force Committee Members inspected the industry on 10.08.2023 & 11.08.2023.
 11. Hearing held on 28.08.2023.

* * * * *

1. **WHEREAS**, you are operating the industry located at Sy.No.240/B, Dhothigudem (V), Pochampally (M), Yadadri Bhuvanagiri District and engaged in Bulk drugs & Intermediates manufacturing unit.
2. **WHEREAS**, vide reference 1st cited, the Board issued CFO&HWA to the industry on 14.10.2021 with a validity up to 30.04.2026.
3. **WHEREAS**, vide reference 2nd cited, the Board issued Closure order to the industry for non compliance of the Board directions / Consent conditions and causing pollution in the surrounding area.
4. **WERHEAS**, vide reference 3rd cited, the Board issued Temporary Revocation of Closure Order to industry on 27.04.2022 for a period of Three months with certain directions to comply.
5. **WHEREAS**, vide reference 4th cited, the Hon'ble NGT, Chennai vide Order dated: 17.01.2023 directed the TSPCB to furnish the compliance report on water & soil analysis.
6. **WERHEAS**, vide reference 5th cited, the Board issued additional directions to the industry on 21.06.2023 for Levying of Environmental Compensation (EC).
7. **WERHEAS**, vide reference 6th cited, the Board issued Extension of Temporary Revocation of Closure Order to the industry on 26.06.2023 for a period up to 31.07.2023.
8. **WERHEAS**, vide reference 7th cited, the Board received a complaint on twitter by Sri Panduchoppari@panduchoppari on 31.07.2023 regarding colored water stagnation in the Dhothigudem area and also same complaint forwarded by the District Collector, Yadadri Bhuvanagiri District

9. **WHEREAS**, the industry have filed a Writ Petitions before Hon'ble High Court of Telangana praying the Hon'ble High Court to declare the orders issued by the Respondent Board directing the petitioner industry to deposit an amount towards Environmental Compensation without giving any notice as arbitrary and irregular, contrary to law, without power and jurisdiction and set aside the same.

10. **WHEREAS**, the Hon'ble High Court passed an orders dt.08.08.2023 in the WP No.18088 of 2023, the composite order dated:21.06.2023 issued to the industry by the Board is quashed and set aside and the operative portion of the order reads as under.

"for the afore-mentioned reasons, order dated:2106.2023 passed by the Board cannot be sustained in the eye of law. Accordingly, it is quashed and set aside. The matter is remitted to the Board to consider the grounds taken by the petitioner in the explanati0oni dated:02.06.2023. Needless to state that the Board shall also consider the fact that consent for operation was granted to the petitioner on 08.02.2023 as well as the fact that the petitioner was not a party to the order dated: 17.01.2023 passed by National Green Tribunal in OA.No.97 of 2021. The Board shall afford and opportunity of hearing to the petitioner and shall by speaking order conclude the proceeding initiated in pursuance to show cause notice dated; 22.05.20232 . it is made clear that this court has not expressed any opinion on merits of the matter.

11. **WHEREAS**, vide reference 8th cited, the RO-Nalgonda officials inspected the industry and submitted report to the Board office on 01.08.2023 and the following observations were made:

1. The industry is in operation during inspection.
2. The compliance status of the industry on the Non-Compliances stipulated in the Extension of Temporary Revocation of Closure Order dt: 26.06.2023 is as follows:

Air Act:

S. No	Direction	Compliance
1	The industry shall take all odour control measures and operate the same regularly to avoid odour nuisance to the surrounding environment.	The industry has provided 3 Nos. of double stage scrubbers with activated charcoal bed followed by condenser. (The industry has connected vent of dome of HTDS collection tank, vent of ATFD and production block-A to same scrubber)
2	The industry shall provide & maintain dome with suction hood followed by double stage scrubber with online pH meter to the HTDS effluent storage tanks to control the odour nuisance.	Complied
3	The industry shall install & maintain sub cooler condensers system followed by activated charcoal. bed to the vents of scrubbing system connected to HTDS collection tank so as to arrest the VOCs.	Complied
4	The industry shall install & maintain sub cooler condensers system followed by activated charcoal bed so as to arrest the VOCs from the scrubber attached to ATFD.	Complied
5	The industry shall continuously operate scrubbers with online pH meter for control of process emissions and shall take appropriate additional measures for control smell nuisance within & outside the industry premises.	The industry has provided 3 Nos. of double stage scrubbers with activated charcoal bed followed by condenser. (The industry has connected vent of dome of HTDS collection tank, vent of ATFD and production block-A to same scrubber)
6	The industry shall operate & maintain online VOC monitoring system and connect the	Complied

	same to the Board server.	
7	The industry shall provide odour suppressant mist spray / sprinkle "PIION" liquid at effluent treatment area to contain VOCs.	Not Complied
8	The industry shall provide & maintain the vent condensers for all the solvent storage / chemical storage tanks to control the fugitive emissions.	Complied
9	The industry shall conduct the LDAR study once in six months. The industry shall take necessary measures as per the latest Leak Detection and Repair (LDAR) Study to arrest the solvent losses and reduce VOCs in the premises.	The industry has conducted Leak Detection and Repair Study in the Month of July'2022 and submitted report.
10	The industry shall not cause any air pollution to the surrounding area.	The industry is having odour in the premises.

(C) The compliance status of the industry on the Levying of Environmental Compensation additional directions Order dt: 21.06.2023 is as follows:

S. No	Direction	Compliance
1	The industry shall maintain sufficient free board to avoid over flows in effluent collection tanks and shall dispose the same as per CFO&HWA conditions.	Submitted below
2	The industry shall not stock the effluents in the collection tanks and shall send the excess effluents to CETP/ to treat in ZLD system in view of the rainy season.	Directed to comply

3. Compliance with regard to Schedule -B conditions of CFO order No. 210523037308, dt.14.10.2021.

S. No.	Condition	Compliance																																								
1	Total water consumption shall not exceed 67.8 KLD <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>S.No.</th> <th>Purpose</th> <th>Quantity (KLD)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Process & washings</td> <td>9.7 KLD</td> </tr> <tr> <td>2</td> <td>Boiler make up, Cooling tower & DM plant</td> <td>54 KLD</td> </tr> <tr> <td>3</td> <td>Scrubber</td> <td>1.5 KLD</td> </tr> <tr> <td>4</td> <td>Domestic</td> <td>0.6 KLD</td> </tr> <tr> <td>5</td> <td>Gardening</td> <td>2.0 KLD</td> </tr> <tr> <td colspan="2" style="text-align: center;">Total</td> <td>67.8 KLD</td> </tr> </tbody> </table>	S.No.	Purpose	Quantity (KLD)	1	Process & washings	9.7 KLD	2	Boiler make up, Cooling tower & DM plant	54 KLD	3	Scrubber	1.5 KLD	4	Domestic	0.6 KLD	5	Gardening	2.0 KLD	Total		67.8 KLD	As per the records, during the last 6 months period from Jan'2023 to Jun'2023, the water consumption is 62.5 KLD (Avg) as against the consented 67.8 KLD and effluent generation is 13.22 KLD (Avg) as against the consented 24.05 KLD.																			
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Copper (as Cu) mg/l	2 mg/l																																									
Lead (as Pb) mg/l	2 mg/l																																									
Mercury (as Hg) mg/l	1 mg/l																																									
Zinc (as Zn) mg/l	15 mg/l																																									
Hexavalent Chromium (as Cr ⁶⁺) mg/l	0.2 mg/l																																									
Mercury (as Hg) mg/l	0.05 mg/l																																									
Cadmium (as Cd) mg/l	0.05 mg/l																																									
Chromium (as Cr) mg/l	15 mg/l																																									
Fluoride (as F ⁻) mg/l	2 mg/l																																									
Barium (as Ba) mg/l	15.00 mg/l																																									
3	The emissions shall not contain constituents in excess of the prescribed limits mentioned below. <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Chimney No.</th> <th>Description of Chimney</th> <th>Parameter</th> <th>Emission standards</th> </tr> </thead> <tbody> <tr> <td rowspan="3">1</td> <td rowspan="3">Attached to 1x5 TPH Coal fired boiler</td> <td rowspan="3">SPM, SO₂, NO_x</td> <td>115 mg/lm³</td> </tr> <tr> <td>600 mg/lm³</td> </tr> <tr> <td>At 6% dry O₂ for solid fuel and 3% dry O₂ for liquid fuel 300 mg/lm³ At 6% dry O₂ for solid fuel and 3% dry O₂ for liquid fuel</td> </tr> <tr> <td rowspan="3">2</td> <td rowspan="3">Attached to 1x1 TPH Coal fired boiler (standby)</td> <td rowspan="3">SPM, SO₂, NO_x</td> <td>115 mg/lm³</td> </tr> <tr> <td>600 mg/lm³</td> </tr> <tr> <td>At 6% dry O₂ for solid fuel and 3% dry O₂ for liquid fuel 300 mg/lm³ At 6% dry O₂ for solid fuel and 3% dry O₂ for liquid fuel</td> </tr> <tr> <td>3</td> <td>Process emissions</td> <td>HCl</td> <td>35 mg/lm³</td> </tr> <tr> <td>4</td> <td>Attached to DG sets of capacity 1 x 250 KVA & 1 x 225 KVA</td> <td>SPM</td> <td>115 mg/lm³</td> </tr> </tbody> </table>	Chimney No.	Description of Chimney	Parameter	Emission standards	1	Attached to 1x5 TPH Coal fired boiler	SPM, SO ₂ , NO _x	115 mg/lm ³	600 mg/lm ³	At 6% dry O ₂ for solid fuel and 3% dry O ₂ for liquid fuel 300 mg/lm ³ At 6% dry O ₂ for solid fuel and 3% dry O ₂ for liquid fuel	2	Attached to 1x1 TPH Coal fired boiler (standby)	SPM, SO ₂ , NO _x	115 mg/lm ³	600 mg/lm ³	At 6% dry O ₂ for solid fuel and 3% dry O ₂ for liquid fuel 300 mg/lm ³ At 6% dry O ₂ for solid fuel and 3% dry O ₂ for liquid fuel	3	Process emissions	HCl	35 mg/lm ³	4	Attached to DG sets of capacity 1 x 250 KVA & 1 x 225 KVA	SPM	115 mg/lm ³	--																
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4	The industry shall not manufacture any un-consented products and exceeding capacities without obtaining prior Consent for Establishment (CFE) and Consent for Operation (CFO) of the Board.	As per the records, during the last 6 months period from Jan'2023 to Jun'2023, the industry has manufactured 7 consented products and the quantity manufactured is 397.4 Kgs/day (avg) as against the overall production capacity of 480 Kgs/day (12 TPM).
5	The industry shall comply with emission limits for DG sets upto 800 KW as per the Notification G.S.R.520 (E), dated 01.07.2003 under the Environment (Protection) Amendment Rules, 2003 and G.S.R.448(E), dated 12.07.2004 under the Environment (Protection) Second Amendment Rules, 2004. In case of DG sets more than 800 KW should comply with emission limits as per the Notification G.S.R.489 (E), dated 09.07.2002 at serial no.96, under the Environment (Protection) Act, 1986.	Complied
6	The industry shall comply with ambient air quality standards of PM ₁₀ (Particulate Matter size less than 10 µm) - 100 µg/ m ³ ; PM _{2.5} (Particulate Matter size less than 2.5 µm) - 60 µg/ m ³ ; SO ₂ - 80 µg/ m ³ ; NO _x - 80 µg/m ³ , outside the factory premises at the periphery of the industry. Standards for other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009 Noise Levels: Day time (6 AM to 10 PM) - 75 dB (A) Night time (10 PM to 6 AM) - 70 dB (A).	--
7	The existing CFO & HWA (expansion) order dt..19.06.2019 with a validity up to 31.03.2024 stands cancelled.	--
8	The industry has paid CFO fee of Rs.7,38,810/- for a period up to 30.04.2026	Complied
9	The industry either paying annual fee or total fee for consented period, shall pay the balance fee as per the revised rates as applicable from time to time.	--
10	The industry shall segregate the HTDS & LTDS effluents.	Complied
11	The industry shall regularly operate the ZLD system to treat the effluent and 100% recycle of treated effluent.	The industry has ZLD system consisting of Stripper (12 KLD), MEE (25 KLD) & ATFD (2 KLD) & Aeration tank-1(32 KLD), Aeration tank-2(11 KLD), settling tank (11 KLD), RO plant (25 KLD). During the inspection, MEE system was under operation. During the inspection it was observed that, acid proof tiles work is under progress in the Biological ETP.

12	The industry shall maintain digital flow meters with totalisers (RS-485 communication) for recording the quantity of HTDS effluents, RO permeate and also maintain daily records. They shall connect the flow totaliser data to TSPCB & CPCB servers as per CPCB protocol. The industry shall connect the flow meter at LTDS effluent to TSPCB server within one month as committed.	The industry has provided flow meters at HTDS effluents, MEE Condensate, RO feed (Outlet Biological ETP), RO Permeate and Steam flow meter to MEE system. The industry has connected HTDS effluents and RO Permeate digital flow meters to TSPCB server. But, not connected LTDS effluents digital flow meter to Board server.
13	The industry is permitted to send HTDS effluents to the MEE system of M/s. JETL, Jeedimetla for a period of maximum 15 days in a calendar year i.e. during maintenance / break down of Stripper, MEE & ATFD system and shall maintain records.	--
14	The industry shall provide and operate IP Camera with PAN, Zoom, 5x or above focal length, with night vision capability, at main gate entrance & at other gates where there is movement of effluent tankers, Solvent tankers, Chemical tankers, Hazardous Waste carrying vehicles & other material carrying vehicles. These cameras shall be connected to the website of TSPCB, with minimum backup of three months.	The industry has provided IP camera at main gate entrance and connected to Board server.
15	The industry is permitted to send HTDS effluents to the MEE system of M/s. JETL, Jeedimetla for a period of maximum 15 days in a calendar year i.e. during maintenance / break down of Stripper, MEE & ATFD system and shall maintain records.	--
16	The industry shall maintain vent condensers for chemical / solvent storage tanks to control fugitive emissions.	Complied
17	The industry shall maintain separate water meters for recording water consumption for process, boiler feed, cooling and domestic purposes and also maintain daily records.	The industry has provided separate energy meter for ZLD system, APCE to boiler and maintaining the records.
18	The industry shall operate multi stage scrubber along with online pH monitoring system for control of process emissions. They shall maintain log book for operation of scrubber for monitoring active scrubbing media.	The industry has provided 3 Nos. of double stage scrubbers with activated charcoal bed followed by condenser. (The industry has connected vent of dome of HTDS collection tank, vent of ATFD and production block-A to same scrubber)
19	The industry shall monitor VOCs in ambient air with online VOC analyzer & connect the data to TSPCB server.	The industry has provided VOC analyzer for monitoring of VOCs and connected the same to TSPCB server.
20	The industry shall maintain elevated platform with leachate/spillages collection pit to store drums containing chemicals & wastes to control spillages / discharges of chemicals / effluents on ground.	Complied
21	The industry shall maintain IP camera with PAN, TILT Zoom, 5x or above focal length, with night vision capability at effluent collection system (HTDS & LTDS) and RO permeate as per CPCB norms. They shall connect the data to CPCB & TSPCB server.	The industry has provided IP camera along with digital flow meters combined HTDS effluents and RO Permeate and connected to TSPCB server. The industry has not connected LTDS effluents digital flow meter to Board server.

22	The industry shall install on line TDS meter for HTDS effluent generation and connect the same to TSPCB server within two months. They shall maintain the records for effluent generation, TDS values, salts generation on daily basis.	Complied
23	The industry shall develop greenbelt as per norms.	The industry has developed greenery in an area about 0.3 acre.
24	The industry shall maintain records on source of starting raw material / Intermediates for each product-wise and the consolidated records shall be submitted to R.O., Nalgonda every month along with invoice copies of the starting raw materials outsourced.	Not submitting
25	The industry shall provide adequate closed storage facilities above the ground with proper lining for storage of effluents before its treatment	Complied
26	The industry shall not use effluents in cooling towers under any circumstances.	Complied
27	The industry shall not discharge any effluents onland within or outside the plant premises.	During the inspection, no discharge of effluents were observed.
28	The industry shall provide storm water drains to avoid mixing of effluent/spillages with run-off water during rains. The industry shall collect contaminated rain water and shall dispose the same to CETP, after conforming to the influent standards of CETP duly maintain separate records.	Complied
29	The industry shall provide sufficient storage collection tank to ensure the collection of first run off rain water.	The industry has provided 3 Nos. of double stage scrubbers with activated charcoal bed followed by condenser. (The industry has connected vent of dome of HTDS collection tank, vent of ATFD and production block-A to same scrubber)
30	The industry shall provide arrangement to by-pass the rain water collection tank of first run off rain water for subsequent water flow.	Complied
31	The industry shall take measures to prevent the seepages such as cement concrete flooring with proper collection system to collect contaminants / spillages in the relevant areas in the industry premises and avoid seepages outside the industry premises.	Complied
32	The industry shall provide and maintain hood with extraction systems to the HTDS collection tanks and connect to the scrubbers to control the odour problem.	The industry has covered the effluents storage tanks with asbestos cement sheets and connected to scrubber.
33	The industry shall carry out Leak Detection and Repair Study (LDAR) to access the solvent losses and based on the study the industry shall take necessary steps to arrest the solvent losses and reduce VOCs in the premises.	The industry has conducted Leak Detection and Repair Study in the month of July'2022.
34	The industry shall provide and maintain separate energy meters for recording energy consumption for air pollution control equipments and maintain record for daily energy consumption.	Complied

35	The evaporation losses in solvents shall be controlled by taking all preventive measures such as circulation of Chilled brine, transfer of solvents by using pumps instead of manual handling, closed centrifuges, providing primary & secondary condensers to all the reactor vents and all the solvent storage tanks and keeping solvent storage in ground storage tanks with closed pipeline to Reactors.	The industry has provided vent condensers to Bulk solvent storage tanks.
36	The industry shall operate Solvent Recovery Plant in the plant. Solvents shall be recovered to the maximum extent possible and shall be reused. The industry shall submit status of efficiency of Solvent Recovery Plant to the concerned Regional Officer. The industry shall not dispose spent solvents / mixed spent solvents to the traders/ recyclers.	The industry has 3 KL solvent distillation column for recovery of spent solvents. The recovered solvents are reused in the premises.
37	The industry shall provide and maintain Stack Monitoring facility as per Emission Regulation part-3 (ERP-3) norms for all the major stacks of the industry.	Complied
38	The industry shall ensure that the Port hole and ladder facility for the Stacks is safe to carry out Stack monitoring. In place of monkey ladder, spiral type/scaffold ladder shall be provided to ensure safety of monitoring personnel.	Complied
39	The industry shall implement the odour control measures at source of generation and from ETP and shall ensure to maintain the same effectively to control odour problems.	The industry comes for storage tanks and connected to scrubber with online pH meters to control process emissions.
40	The industry shall ensure that there shall not be any change in process technology and scope of working without prior approval from the Board.	--
41	(a) The industry shall maintain the following records and the same shall be made available to the Board Officials during the inspection. v. Daily production details. vi. Quantity of Effluents generated and reused. vii. Log Books for pollution control systems. viii. Daily solid waste generated and disposed (b) The industry shall submit consolidated statement of the above on monthly basis to the Concerned Regional Office.	Maintained
42	As per G.O.Rt.No.286, the industry shall transport the industrial effluents and plying on the roads is allowed between 6 A.M. to 6 P.M. only.	--
43	The industry shall comply with Task Force directions issued by the Board from time to time.	Submitted above
44	The applicant shall submit Environment statement in Form V to the Regional office before 30th September of every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.	Submitting

Remarks:

1. M/s. VJ Sai Chem., is located at Sy.No.240/B, Dothigudem (V), Pochampally (M), Yadadri Bhuvanagiri District and engaged in manufacturing of Drug Intermediates.
2. The Board issued CFO & HWA to the industry vide order dated 14.10.2021 with validity up to 30.04.2026.
3. During the inspection, manufacturing of Itraconazole product is under operation.
4. The industry has provided Mechanical dust collector followed by Bag filter as APCE for 5 TPH & 2 TPH coal fired boilers with a common stack of height 30 mtrs.
5. The industry has provided 3 Nos. of double stage scrubbers with activated charcoal bed followed by condenser. (The industry has connected vent of dome of HTDS collection tank, vent of ATFD and production block-A to same scrubber).
6. The industry has provided VOC analyzer for monitoring of VOCs and connected the same to TSPCB server.

7. The industry has ZLD system consisting of Stripper (12 KLD), MEE (25 KLD) & ATFD (2 KLD) & Aeration tank-1(32 KLD), Aeration tank-2 (11 KLD), Settling tank (11 KL), Clarifier, Sand & Carbon filter and treated water tank & RO plant (25 KLD). During the inspection it was observed that, acid proof tiles work is under progress in the Biological ETP.
8. Earlier, the Board Officials collected effluent samples on 27.05.2023 from Cooling towers attached to production block & Chilling plant. The values of the analysis reports are as given below:

Parameter	Cooling tower attached to Production block	Cooling tower attached to Chilling plant
pH	7.25	7.80
TSS	42	38
TDS	780	860
COD	124	156
BOD	11	15
Oil & Grease	--	--

Note: All values are in mg/L, except pH.

12. **WHEREAS**, vide reference 9th cited, you were given an opportunity for hearing before the Task Force Committee of the Board during the meeting held on 07.08.2023. The industry representative and RO-Nalgonda have attended the meeting. After detailed discussions, the Committee recommended to inspect the industries by Task Force Committee Members.

13. **WHEREAS**, vide reference 10th cited, the Task Force Committee Members, EE, Task Force RC Puram Zone and RO-Nalgonda Officials inspected the industries on 10th & 11th of August, 2023. The details of the inspection are as follows:

- The industry is in operation during inspection.
- The industry has provided 3 Nos. of double stage scrubbers with activated charcoal bed followed by condenser. (The industry has connected vent of dome of HTDS collection tank, vent of ATFD and production block-A to same scrubber). The committee recommended to provide separate scrubber for HTDS collection tank dome.
- The industry has ZLD system consisting of Stripper (12 KLD), MEE (25 KLD) & ATFD (2 KLD) & biological ETP consisting of Aeration tank-1(32 KLD), Aeration tank-2 (11 KLD), Settling tank (11 KL), Clarifier, Sand & Carbon filter and treated water tank & RO plant (25 KLD). During inspection it was observed that, bio culture development is under progress in the Biological ETP. The biological ETP is not functioning properly, just they are doing aeration.
- During the inspection, it was observed that, the industry has stored drums openly.
- The industry has provided Mechanical dust collector followed by Bag filter as APCE for 5 TPH & 2 TPH coal fired boilers with a common stack of height 30 mtrs.
- The compliance status of the industry on the Non-Compliances reported in the TF meeting dt.07.08.2023 agenda (as per report of RTF team):

S. No	Direction	Compliance
1	The industry has provided scrubber to the ATFD vent and causing smell nuisance at ATFD area. However odour was observed at the ATFD area.	During the inspection, odour is observed in the industry premises. Photograph of ATFD is submitted below.
2	The overall housekeeping of the industry shall improve.	Maintained
3	The industry has installed online TDS meter but not connected to TSPCB website.	The industry has installed online TDS meter and connected to TSPCB website.
4	During the inspection spillages were observed at ATFD & MEE.	Spillages were arrested.

7. The compliance status of the industry on the Non-Compliances reported in the TF meeting dt.07.08.2023 agenda (as per RO report):

1	During the inspection it was observed that, acid proof tiles work is under progress in the Biological ETP.	Not complied, During the inspection, it was observed that tiles work in the aeration tank was completed and they are developing Bio culture in the aeration tank as part of the Biological ETP. Presently they are operating pre aeration tank as aeration to treat the LTDS effluent. They have just started the Biological ETP system till date they have not addressed the effluents. The culture they are developing is also not active.
2	The industry has not connected LTDS effluents digital flow meter to Board server.	Not complied
3	The industry has not provided fixed pipelines from solvent storage yard to production block. The industry using drums for transfer of solvent, this will cause odour nuisance in the surrounding area.	Complied
4	The industry has not provided PIION spray system.	Not complied
5	The industry is having odour in the premises.	During the inspection, odour was observed in the industry premises.
6	The industry has not submitted latest LDAR study report.	The industry has conducted LDAR study in July'2023. Copy submitted to the RO. As per the LDAR report, major leakages were found in solvent storage yard, production block-I, production block-II. The industry representative informed that they rectified the major leakages as per LDAR report.

14. **WHEREAS**, vide reference 11th cited, you were given an opportunity for hearing before the Task Force Committee of the Board during the meeting held on 28.08.2023. The Complainants & industry representatives (Virtually), RO-Nalgonda have attended the meeting. After detailed discussions, the Committee recommended to issue Extension of Temporary Revocation of Closure Orders for a period upto 31.10.2023.

15. **WHEREAS**, after careful consideration of the material facts of the case, **the Board hereby issue Extension of Temporary Revocation of Closure Order to your industry for a period upto 31.10.2023 with the following directions to comply with:**

1. The industry shall comply with all conditions stipulated in the CFO&HWA order issued by the Board scrupulously.
2. The industry shall comply with all the conditions stipulated in the Extension of Temporary Revocation of Closure Order dated: 26.06.2023.
3. The industry shall pay the Environmental Compensation (EC) of Rs.22,40,000/- as per the Hon'ble NGT Orders vide order dated:21.06.2023, you are hereby directed to deposit an amount of Rs.22,40,000/- (Rupees Twenty Two Lakhs Forty Thousand Only) towards Environmental Compensation. The amount shall be deposited by way of D.D drawn in favour of "Member Secretary, T.S Pollution Control Board" payable at Hyderabad.
4. The industry shall provide odour suppressant mist spray / sprinkle "PIION" liquid at effluent treatment area to control VOCs within one month.
5. The industry shall conduct the LDAR study once in six months. The industry shall take necessary measures as per the latest Leak Detection and Repair (LDAR) Study to arrest the solvent losses and reduce VOCs in the premises.

(121)

16. **WHEREAS**, the TSSPDCL., Ltd., has been directed to restore the power supply to your industry from 01.08.2023 for a period upto 31.10.2023.
17. These directions are issued under Section 31(A) of the Air (Prevention and Control of Pollution) Act 1981 (as amended by Act 47 of 1987).
18. You are hereby directed to note that, should you misuse these orders to operate the unit violating any of the conditions mentioned above, your unit will be closed under Section 31(A) of the Air (Prevention and Control of Pollution) Act 1981 (as amended by Act 47 of 1987) without any further notice to you and you will also be liable for prosecution in the court of Metropolitan Magistrate or Judicial Magistrate of the first class under section 37(1) of Air (Prevention and Control of Pollution) Act 1981 (as amended by Act 47 of 1987), the punishment for which include imprisonment for a term which shall not be less than one year six months and which may be extended to six years with fine.

Sd/-

MEMBER SECRETARY

To
M/s. V.J.Sai Chem,
Sy.No.240/B, Dhothigudem (V),
Pochampally (M),
Yadadri Bhuvanagiri District.

Copy to:

1. The JCEE., Z.O., R.C.Puram for information and necessary action.
2. The Environmental Engineer, Regional Office, Nalgonda for information and necessary action.
3. Concerned file.

//T.C.F.B.O//

Senior Environmental Engineer
(Task Force - UH-IV)

This Order has the Digital Approval by the Member Secretary.

122



TELANGANA STATE POLLUTION CONTROL BOARD
PARYAVARAN BHAVAN, A - 3, INDUSTRIAL ESTATE,
SANATHNAGAR, HYDERABAD - 500 018.

Phone: 23887500
Fax: 040 - 23815631
Website: tspcb.cgg.gov.in

BY REGD. POST WITH ACK. DUE

Order No.NLG-50/TSPCB/TF/HO/2023- 772

Date:13.09.2023

Sub : TSPCB - M/s. V.J.Sai Chem, Sy.No.240/B, Dhothigudem (V), Pochampally (M), Yadadri Bhuvanagiri District - Water (Prevention and Control of Pollution) Act, 1974 (as amended by Act 53 of 1988) and Air (Prevention and Control of Pollution) Act 1981 (as amended by Act 47 of 1987) - **Extension of Temporary Restoration of Power Supply for a period upto 31.10.2023 - Orders Issued** - Reg.

Ref : 1. Order No.NLG-50/TSPCB/TF/HO/2023-458, dt:26.06.2023.
2. Hearing held on 11.05.2023.
3. Order No.NLG-50/TSPCB/ TF/HO/2023- , dt:13.09.2023.

In the 1st reference mentioned above, under section 33(A) of Water (Prevention and Control of Pollution) Amendment Act, 1988 & under section 31(A) of Air (Prevention and Control of Pollution) Amendment Act, 1987 orders were directed to TSSPDCL to restore the power supply for a period upto 31.07.2023 to M/s. V.J.Sai Chem, Sy.No.240/B, Dhothigudem (V), Pochampally (M), Yadadri Bhuvanagiri District.

In the 2nd reference cited, the status of the industry was reviewed before the Board's Task Force Committee meeting held on 28.08.2023. After careful consideration of all the material facts of the case, it was decided to issue extension of temporary revocation of closure orders for a period upto 31.10.2023. Accordingly the Board has issued extension of temporary revocation of closure orders to the industry. A copy of the extension of temporary revocation of closure orders is herewith enclosed.

In view of the above, the Board hereby directs the TSSPDCL to extend the power supply to M/s. V.J.Sai Chem, Sy.No.240/B, Dhothigudem (V), Pochampally (M), Yadadri Bhuvanagiri District for a period up to 31.10.2023 for carrying out the production activities. These directions are issued under section 33(A) of Water (Prevention and Control of Pollution) Amendment Act, 1988 and under section 31(A) of Air (Prevention and Control of Pollution) Amendment Act, 1987.

Sd/-
MEMBER SECRETARY

To,
The Superintending Engineer (Operations),
Telangana State Southern Power Distribution Company Ltd.,
Yadadri Bhuvanagiri District.

Copy to:

1. The JCEE, Z.O, R.C.Puram for information and necessary action.
2. The Environmental Engineer, Regional Office, Nalgonda for information and necessary action.
3. Concerned file.

T.C.F.B.O/
P. S. S. S.
Senior Environmental Engineer
(Task Force - UH-IV)

This Order has the Digital Approval by the Member Secretary.

DESPATCH NO:
DATE: 14 SEP 2023

Sai



TELANGANA STATE POLLUTION CONTROL BOARD
PARYAVARAN BHAVAN, A - 3, INDUSTRIAL ESTATE,
SANATHNAGAR, HYDERABAD - 500 018.

Phone: 23887500
Fax: 040 - 23815631
Website: tspcb.cgg.gov.in

BY REGD. POST WITH ACK. DUE

Annexure - VIII

ORDERS ISSUED UNDER WATER (P&CP) AMENDMENT ACT, 1988

Order No. NLG-96/TSPCB/TF/HO/2023-

785 (123)

Date: 13.09.2023

Sub: TSPCB - M/s. SVR Laboratories (P) Ltd., Sy.No. 239/A, 239/E, Dothigudem (V), Pochampally (M), Yadadri Bhuvanagiri District - Water (Prevention and Control of Pollution) Act, 1974 (as amended by Act 53 of 1988) - **Extension of Temporary Revocation of Closure Order for a period up to 31.10.2023 - Orders Issued** - Reg.

- Ref :**
1. CFO Order dt. 09.11.2021 and valid up to 31.10.2025.
 2. Closure Order No. NLG-96/TSPCB/TF/HO/2016-, dt. 02.03.2022.
 3. Temporary Revocation of Closure Order No. NLG-96/TSPCB/TF/HO/2016, Dt: 27.04.2022.
 4. The Hon'ble NGT, Chennai has issued directions vide Order dated: 17.01.2023.
 5. The Board issued additional directions on 21.06.2023 for Levying of Environmental Compensation.
 6. Extension of Temporary Revocation of Closure Order issued on 26.06.2023 for a period up to 31.07.2023.
 7. The Board received a complaint on twitter by Sri Panduchoppari@panduchoppari on 31.07.2023 regarding colored water stagnation in the Dothigudem area and also same complaint forwarded by the District Collector, Yadadri Bhuvanagiri District.
 8. The RO-Nalgonda Officials report dated 01.08.2023.
 9. Hearing held on 07.08.2023.
 10. Hon'ble High Court orders in WP.No.18108 of 2023 dt. 08.08.2023 regarding Environmental Compensation Levied by the TSPCB.
 11. The Task Force Committee Members inspected the industry on 10.08.2023 & 11.08.2023.
 12. Hearing held on 28.08.2023.

1. **WHEREAS**, you are operating the industry located at Sy.No. 239/A, 239/E, Dothigudem (V), Pochampally (M), Yadadri Bhuvanagiri District and engaged in manufacturing of Bulk Drugs & Intermediates.
2. **WHEREAS**, vide reference 1st cited, the industry has obtained CFO&HWA from the Board vide orders dt. 09.11.2021 and valid up to 31.10.2025.
3. **WHEREAS**, vide reference 2nd cited, the Board issued Closure order to the industry on 02.03.2022 for non compliance of the Board directions / Consent conditions and causing pollution in the surrounding area.
4. **WERHEAS**, vide reference 3rd cited, the Board issued Temporary Revocation of Closure Order to industry on 27.04.2022 for a period of Three months with certain directions to comply.
5. **WHEREAS**, vide reference 4th cited, the Hon'ble NGT, Chennai vide Order dated: 17.01.2023 directed the TSPCB to furnish the compliance report on water & soil analysis.
6. **WERHEAS**, vide reference 5th cited, the Board issued additional directions to the industry on 21.06.2023 for Levying of Environmental Compensation (EC).
7. **WERHEAS**, vide reference 6th cited, the Board issued Extension of Temporary Revocation of Closure Order to the industry on 26.06.2023 for a period up to 31.07.2023.
8. **WHEREAS**, the industry have filed a Writ Petitions before Hon'ble High Court of Telangana praying the Hon'ble High Court to declare the orders issued by the Respondent Board directing the petitioner industry to deposit an amount towards Environmental Compensation without giving any notice as arbitrary and irregular, contrary to law, without power and jurisdiction and set aside the same.

9. **WHEREAS**, the Hon'ble High Court passed an orders dt.08.08.2023 in the WP No.18108 of 2023, the composite order dated:21.06.2023 issued to the industry by the Board is quashed and set aside and the operative portion of the order reads as under.

"for the afore-mentioned reasons, order dated:21.06.2023 passed by the Board cannot be sustained in the eye of law. Accordingly, it is quashed and set aside. The matter is remitted to the Board to consider the grounds taken by the petitioner in the explanation dated:02.06.2023. Needless to state that the Board shall also consider the fact that consent for operation was granted to the petitioner on 08.02.2023 as well as the fact that the petitioner was not a party to the order dated: 17.01.2023 passed by National Green Tribunal in OA.No.97 of 2021. The Board shall afford and opportunity of hearing to the petitioner and shall by speaking order conclude the proceeding initiated in pursuance to show cause notice dated; 22.05.20232 . it is made clear that this court has not expressed any opinion on merits of the matter.

10. **WERHEAS**, vide reference 7th cited, the Board received a complaint on twitter by Sri Panduchoppari@panduchoppari on 31.07.2023 regarding colored water stagnation in the Dothigudem area and also same complaint forwarded by the District Collector, Yadadri Bhuvanagiri District.

11. **WHEREAS**, vide reference 8th cited, the RO-Nalgonda officials inspected the industry and submitted report to the Board office on 01.08.2023 and the following observations were made:

1. The industry is in operation during inspection.
2. The status of compliance of the industry on the directions stipulated in the Extension of Temporary Revocation of Closure Order dt: 26.06.2023 is as follows:

(A) Water Act:

S. No	Direction	Compliance
1	The industry shall comply with all conditions stipulated in the CFO&HWA order issued by the Board scrupulously.	Submitted above
2	The industry shall continue to segregate the effluents into HTDS and LTDS.	Complied
3	The industry shall regularly operate the New ZLD system for treatment of effluents. The HTDS effluents shall be treated in stripper, MEE and ATFD. The condensate & LTDS effluents shall be treated in Biological ETP followed RO system and treated effluents shall be reused in the plant. The RO rejects shall be sent to MEE for forced evaporation.	During the inspection, the MEE system was under operation. Installation work of condenser to stripper was under progress.
4	The industry shall install & maintain online TDS meter for HTDS effluent generation and connect the same to TSPCB server.	Complied
5	The industry shall provide first run off rain water & seepage collection pit with proper bypass arrangement for free flow of subsequent rain water (24 kL/acre). The collected contaminated rain water shall be pumped and stored in above ground level tank of adequate capacity and the same shall be treated within the premises or send to CETP for further treatment.	The industry has constructed first run off rain water tank (on ground) of about 35 KL capacity with bypass arrangement.
6	The industry shall not discharge any effluent/ leakages / spillages / seepages etc. within the premises and outside the industry premises under any circumstances.	During inspection, no discharges were observed.
7	The industry shall store drums containing raw material / in process goods / MLs /spent solvents / wastes etc., on the concrete platform under covered shed with dyke walls & proper leachate collection system and the industry shall not store drums openly on ground.	The industry has provided separate shed for storage of drums.

8	The industry shall collect & store the hazardous waste in an elevated closed shed with impervious lining and leachate collection system. The industry shall dispose the Hazardous Waste regularly in accordance with the CFO&HW order and shall not store beyond 90 days.	Complied 
9	The industry shall continuously operate the online monitoring system provided to the HTDS, LTDS & RO permeate as per the directions of CPCB and shall ensure continuous data transmission to the TSPCB server.	The industry has provided digital flow meter for HTDS effluents, LTDS effluents, RO permeate and RO rejects and Steam flow meter to MEE system.
10	The industry shall provide & maintain operate IP cameras at main gate entrance and shall be connected to the TSPCB Server.	The industry has provided IP camera at main gate entrance and connected to Board server.
11	The industry shall provide PTZ (Pan Tilt Zoom) cameras to focus the entire premises duly covering ZLD area, boiler stack and entire boundary of the plant.	Provided
12	The industry shall not use any flexible pipelines within the premises for transfer of effluents / wastewater. All the effluent conveying pipe lines shall be fixed.	Complied
13	The industry shall not use effluents or any waste water in cooling towers and shall check the quality of the cooling circulation water regularly.	Complied
14	The industry shall maintain proper housekeeping within the premises.	Maintained
15	The industry shall extend the Bank Guarantee from time to time till further orders from the Board.	The industry has submitted Bank Guarantee of Rs. 2.0 lakhs with BG no: 50830IGL0001823, dt: 13.04.2023 with validity period up to 12.04.2024.
16	The industry shall not carryout operations without valid revocation of closure orders. Failing which the Board will be constraint to take action against the industry.	Directed to comply

3. Compliance with regard to Schedule -B conditions of CFO (Change of product mix) order No. 210523174503, dt.09.11.2021.

S.No	Condition	Compliance																																										
1	<p>Total water consumption shall not exceed 40.3 KLD</p> <table border="1"> <thead> <tr> <th>S.No.</th> <th>Purpose</th> <th>Quantity (KLD)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Process & washings</td> <td>9.60</td> </tr> <tr> <td>2</td> <td>Boiler & Cooling make up</td> <td>23.3</td> </tr> <tr> <td>3</td> <td>DM Plant regeneration</td> <td>0.7</td> </tr> <tr> <td>4</td> <td>Scrubber</td> <td>0.7</td> </tr> <tr> <td>5</td> <td>Domestic & Gardening</td> <td>6.0</td> </tr> <tr> <td></td> <td>Total</td> <td>40.3 KLD</td> </tr> </tbody> </table>	S.No.	Purpose	Quantity (KLD)	1	Process & washings	9.60	2	Boiler & Cooling make up	23.3	3	DM Plant regeneration	0.7	4	Scrubber	0.7	5	Domestic & Gardening	6.0		Total	40.3 KLD	As per the records of the industry, during the period from Jan'23 to Jun'23, the water consumption is 22.9 KLD as against the consented quantity of 40.3 KLD.																					
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2	<p>During the maintenance/breakdown of ZLD, the pre-treated effluents sent to CETP for a period of maximum 15 days in calendar year, duly meeting the following inlet standards.</p> <table border="1"> <thead> <tr> <th>Parameter</th> <th>Limiting Standards</th> </tr> </thead> <tbody> <tr><td>pH</td><td>5.5 - 9.0</td></tr> <tr><td>Temperature °C</td><td>45.0</td></tr> <tr><td>Total Dissolved Solids (Inorganic)</td><td>5,000 mg/l</td></tr> <tr><td>Oil and Grease</td><td>20 mg/l</td></tr> <tr><td>Phenolic Compounds (as C₆H₅OH)</td><td>5 mg/l</td></tr> <tr><td>Ammonical Nitrogen (as N)</td><td>50 mg/l</td></tr> <tr><td>Cyanide (as C₂N₂)</td><td>2 mg/l</td></tr> <tr><td>Chromium Hexavalent (as Cr⁶⁺)</td><td>2 mg/l</td></tr> <tr><td>Chromium (total) (as Cr³⁺)</td><td>2 mg/l</td></tr> <tr><td>Copper (as Cu)</td><td>3 mg/l</td></tr> <tr><td>Lead (as Pb)</td><td>1 mg/l</td></tr> <tr><td>Nickel (as Ni)</td><td>3 mg/l</td></tr> <tr><td>Zinc (as Zn)</td><td>15 mg/l</td></tr> <tr><td>Arsenic (as As)</td><td>0.2 mg/l</td></tr> <tr><td>Mercury (as Hg)</td><td>0.01 mg/l</td></tr> <tr><td>Cadmium (as Cd)</td><td>1 mg/l</td></tr> <tr><td>Selenium (as Se)</td><td>0.05 mg/l</td></tr> <tr><td>Fluoride (as F)</td><td>15 mg/l</td></tr> <tr><td>Boron (as B)</td><td>7 mg/l</td></tr> <tr><td>COD</td><td>15,000 mg/l</td></tr> </tbody> </table>	Parameter	Limiting Standards	pH	5.5 - 9.0	Temperature °C	45.0	Total Dissolved Solids (Inorganic)	5,000 mg/l	Oil and Grease	20 mg/l	Phenolic Compounds (as C ₆ H ₅ OH)	5 mg/l	Ammonical Nitrogen (as N)	50 mg/l	Cyanide (as C ₂ N ₂)	2 mg/l	Chromium Hexavalent (as Cr ⁶⁺)	2 mg/l	Chromium (total) (as Cr ³⁺)	2 mg/l	Copper (as Cu)	3 mg/l	Lead (as Pb)	1 mg/l	Nickel (as Ni)	3 mg/l	Zinc (as Zn)	15 mg/l	Arsenic (as As)	0.2 mg/l	Mercury (as Hg)	0.01 mg/l	Cadmium (as Cd)	1 mg/l	Selenium (as Se)	0.05 mg/l	Fluoride (as F)	15 mg/l	Boron (as B)	7 mg/l	COD	15,000 mg/l	--
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<p>3</p>	<p>The emissions shall not contain constituents in excess of the prescribed limits mentioned below.</p> <table border="1" data-bbox="289 385 946 619"> <thead> <tr> <th>Constituent</th> <th>Prescribed Limit</th> <th>Actual Concentration</th> <th>Remarks</th> </tr> </thead> <tbody> <tr> <td>As per Consent Order No. G.O. Ms. No. 1144/2019</td> <td>As per G.O. Ms. No. 1144/2019</td> <td></td> <td></td> </tr> <tr> <td>As per Consent Order No. G.O. Ms. No. 1144/2019</td> <td>As per G.O. Ms. No. 1144/2019</td> <td></td> <td></td> </tr> <tr> <td>As per Consent Order No. G.O. Ms. No. 1144/2019</td> <td>As per G.O. Ms. No. 1144/2019</td> <td></td> <td></td> </tr> <tr> <td>As per Consent Order No. G.O. Ms. No. 1144/2019</td> <td>As per G.O. Ms. No. 1144/2019</td> <td></td> <td></td> </tr> <tr> <td>As per Consent Order No. G.O. Ms. No. 1144/2019</td> <td>As per G.O. Ms. No. 1144/2019</td> <td></td> <td></td> </tr> <tr> <td>As per Consent Order No. G.O. Ms. No. 1144/2019</td> <td>As per G.O. Ms. No. 1144/2019</td> <td></td> <td></td> </tr> <tr> <td>As per Consent Order No. G.O. Ms. No. 1144/2019</td> <td>As per G.O. Ms. No. 1144/2019</td> <td></td> <td></td> </tr> </tbody> </table> <p>*As per MOEF&CC Notification No.GSR 96(E), dt. 29.01.2018 published under the Environment (Protection) Rules, 1986.</p>	Constituent	Prescribed Limit	Actual Concentration	Remarks	As per Consent Order No. G.O. Ms. No. 1144/2019	As per G.O. Ms. No. 1144/2019			As per Consent Order No. G.O. Ms. No. 1144/2019	As per G.O. Ms. No. 1144/2019			As per Consent Order No. G.O. Ms. No. 1144/2019	As per G.O. Ms. No. 1144/2019			As per Consent Order No. G.O. Ms. No. 1144/2019	As per G.O. Ms. No. 1144/2019			As per Consent Order No. G.O. Ms. No. 1144/2019	As per G.O. Ms. No. 1144/2019			As per Consent Order No. G.O. Ms. No. 1144/2019	As per G.O. Ms. No. 1144/2019			As per Consent Order No. G.O. Ms. No. 1144/2019	As per G.O. Ms. No. 1144/2019			<p>--</p>
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<p>4</p>	<p>The industry shall not manufacture any un-consented products and exceeding capacities without obtaining prior Consent for Establishment (CFE) and Consent for Operation (CFO) of the Board.</p>	<p>As per the records of the industry, during the period from Jan'23 to Jun'23, the production is 212.4 Kg/day as against the consented quantity of 758.33 kgs/day.</p>																																
<p>5</p>	<p>The industry shall comply with emission limits for DG sets upto 800 KW as per the Notification G.S.R.520 (E), dated 01.07.2003 under the Environment (Protection) Amendment Rules, 2003 and G.S.R.448(E), dated 12.07.2004 under the Environment (Protection) Second Amendment Rules, 2004. In case of DG sets more than 800 KW should comply with emission limits as per the Notification G.S.R.489 (E), dated 09.07.2002 at serial no.96, under the Environment (Protection) Act, 1986.</p>	<p>--</p>																																
<p>6</p>	<p>The industry shall comply with ambient air quality standards of PM₁₀ (Particulate Matter size less than 10 µm) - 100 µg/ m³; PM_{2.5} (Particulate Matter size less than 2.5 µm) - 60 µg/ m³; SO₂ - 80 µg/ m³; NO_x - 80 µg/m³, outside the factory premises at the periphery of the industry. Standards for other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009. Noise Levels: Day time (6 AM to 10 PM)-75 dB (A) Night time (10 PM to 6 AM) - 70 dB (A).</p>	<p>--</p>																																
<p>7</p>	<p>The existing CFO & HWA (for phase-1 expansion) order dt.04.06.2019 with a validity up to 31.03.2024 stands cancelled.</p>	<p>--</p>																																
<p>8</p>	<p>The industry has paid CFO fee of Rs.3,60,000/- for a period up to 31.07.2022</p>	<p>The industry has paid annual consent fee of Rs. Rs. 42,800/- for a period upto 31.03.2024.</p>																																
<p>9</p>	<p>The industry shall pay balance consent fee annually as per rates notified in G.O.Ms.No.22. The payment of annual consent fee shall be made at concerned RO for every financial year (i.e., April to March) within the stipulated time period i.e., 1st quarter of every financial year (April to June) is mandatory for the industry / project, failing which, the validity of the Consent Order automatically stands cancelled and operation industry / project without valid consent attracts penal action under the provision of Water Act, Air Act & Hazardous and Other Wastes (Management & Transboundary Movement) Rules,2016.</p>	<p>Complied</p>																																
<p>10</p>	<p>The industry either paying annual fee or total fee for consented period, shall pay the balance fee as per the revised rates as applicable from time to time.</p>	<p>Complied</p>																																
<p>11</p>	<p>The industry shall segregate effluents into LTDS & HTDS effluents separately.</p>	<p>Complied.</p>																																

12	The industry shall regularly operate the ZLD system to treat the effluent and 100% recycle of treated effluent. 127	During the inspection, the MEE system was under operation. Installation work of condenser to stripper was under progress.
13	The industry shall maintain digital flow meters with totalisers (RS-485 communication) for recording the quantity of LTDS, HTDS effluents, RO permeate and also maintain daily records. They shall connect the flow totaliser data to TSPCB & CPCB servers as per CPCB protocol.	The industry has provided digital flow meter for HTDS effluents, LTDS effluents, RO permeate and RO rejects and Steam flow meter to MEE system.
14	The industry is permitted to send HTDS effluents to the MEE system of M/s. JETL, Jeedimetla for a period of maximum 15 days in a calendar year i.e. during maintenance / break down of Stripper, MEE & ATFD system and shall maintain records.	--
15	The industry shall provide and operate IP Camera with PAN, Zoom, 5x or above focal length, with night vision capability, at main gate entrance & at other gates where there is movement of effluent tankers, Solvent tankers, Chemical tankers, Hazardous Waste carrying vehicles & other material carrying vehicles. These cameras shall be connected to the website of TSPCB, with minimum backup of three months.	The industry has provided IP camera at main gate entrance and connected to Board server.
16	The industry shall maintain vent condensers for chemical / solvent storage tanks to control fugitive emissions.	Complied
17	The industry shall maintain separate water meters for recording water consumption for process, boiler feed, cooling and domestic purposes and also maintain daily records.	The industry has provided mechanical flow meters for boiler feed, process, Cooling tower & Domestic.
18	The industry shall operate multi stage scrubber along with online pH monitoring system for control of process emissions. They shall maintain log book for operation of scrubber for monitoring active scrubbing media.	The industry has provided 3 numbers of two stage scrubbers with 2 Nos. of online pH meters and provided activated charcoal bed, sub cooler condenser at scrubbers outlet to control process emissions and maintaining records.
19	The industry shall monitor VOCs in ambient air with online VOC analyzer & connect the data to TSPCB server.	The industry has provided VOC analyzer for monitoring of VOCs and connected the same to TSPCB server.
20	The industry shall maintain elevated platform with leachate/spillages collection pit to store drums containing chemicals & wastes to control spillages / discharges of chemicals / effluents on ground.	The industry has provided separate shed for storage of drums.
21	The industry shall maintain IP camera with PAN, TILT Zoom, 5x or above focal length, with night vision capability at effluent collection system (HTDS & LTDS) and RO permeate as per CPCB norms. They shall connect the data to CPCB & TSPCB server.	The industry has provided IP camera along with digital flow meters for HTDS effluents, LTDS effluents & RO permeate and connected the same to TSPCB server.
22	The industry shall install on line TDS meter for HTDS effluent generation and connect the same to TSPCB server within two months. They shall maintain the records for effluent generation, TDS values, salts generation on daily basis.	The industry provided online TDS meter and connected to Board Server.
23	The industry shall develop greenbelt as per norms.	The industry is having greenery in an area of about 1.0 Acre.

24	The industry shall maintain records on source of starting raw material / Intermediates for each product-wise and the consolidated records shall be submitted to R.O., Nalgonda every month along with invoice copies of the starting raw materials outsourced.	The industry shall follow.
25	The industry shall provide adequate closed storage facilities above the ground with proper lining for storage of effluents before its treatment	The industry has provided above ground level tanks of capacity HTDS-80 KL, LTDS-8 KL.
26	The industry shall not use effluents in cooling towers under any circumstances.	--
27	The industry shall not discharge any effluents onland within or outside the plant premises.	During the inspection, no discharge of effluents were observed.
28	The industry shall provide storm water drains to avoid mixing of effluent/spillages with run-off water during rains. The industry shall collect contaminated rain water and shall dispose the same to CETP, after conforming to the influent standards of CETP duly maintain separate records.	The industry has constructed first run off rain water tank (on ground) of about 35 KL capacity with bypass arrangement.
29	The industry shall provide sufficient storage collection tank to ensure the collection of first run off rain water.	
30	The industry shall provide arrangement to by-pass the rain water collection tank of first run off rain water for subsequent water flow.	Provided
31	The industry shall take measures to prevent the seepages such as cement concrete flooring with proper collection system to collect contaminants / spillages in the relevant areas in the industry premises and avoid seepages outside the industry premises.	The industry provided concrete wall towards North-West side to prevent seepages.
32	The industry shall provide and maintain hood with extraction systems to the HTDS collection tanks and connect to the scrubbers to control the odour problem.	The industry has provided dome covers to the effluents storage tanks and hood connected to scrubber. The industry has connected ATFD vent followed by activated charcoal bed followed by scrubber.
33	The industry shall carry out Leak Detection and Repair Study (LDAR) to access the solvent losses and based on the study the industry shall take necessary steps to arrest the solvent losses and reduce VOCs in the premises.	The industry has submitted Leak Detection and Repair Study report dated 23.06.2022.
34	The industry shall provide and maintain separate energy meters for recording energy consumption for air pollution control equipments and maintain record for daily energy consumption.	The industry has provided separate energy meter for MEE system, RO plant & Scrubbing system and maintaining the records.
35	The evaporation losses in solvents shall be controlled by taking all preventive measures such as circulation of Chilled brine, transfer of solvents by using pumps instead of manual handling, closed centrifuges, providing primary & secondary condensers to all the reactor vents and all the solvent storage tanks and keeping solvent storage in ground storage tanks with closed pipeline to Reactors.	The industry has provided vent condensers with chilled brine circulation to the bulk solvent storage tanks to avoid solvent losses.
36	The industry shall operate Solvent Recovery Plant in the plant. Solvents shall be recovered to the maximum extent possible and shall be reused. The industry shall submit status of efficiency of Solvent Recovery Plant to the concerned Regional Officer. The industry shall not dispose spent solvents / mixed spent solvents to the traders / recyclers.	The industry is not having Solvent recovery system. The spent solvents are recovered by simple distillation and reused.

37	The industry shall provide and maintain Stack Monitoring facility as per Emission Regulation part-3 (ERP-3) norms for all the major stacks of the industry.	Complied (129)
38	The industry shall ensure that the Port hole and ladder facility for the Stacks is safe to carry out Stack monitoring. In place of monkey ladder, spiral type/scaffold ladder shall be provided to ensure safety of monitoring personnel.	Complied
39	The industry shall implement the odour control measures at source of generation and from ETP and shall ensure to maintain the same effectively to control odour problems.	The industry has provided 3 numbers of two stage scrubbers with 2 Nos. of online pH meters and provided activated charcoal bed, sub cooler condenser at scrubbers outlet to control process emissions. The industry has provided dome covers to the effluents storage tanks and hood connected to scrubber. The industry has connected ATFD condenser vent to activated charcoal bed followed by scrubber.
40	The industry shall ensure that there shall not be any change in process technology and scope of working without prior approval from the Board	Complied
41	(a) The industry shall maintain the following records and the same shall be made available to the Board Officials during the inspection. i) Daily production details. ii) Quantity of Effluents generated and reused. iii) Log Books for pollution control systems. iv) Daily solid waste generated and disposed (b) The industry shall submit consolidated statement of the above on monthly basis to the Concerned Regional Office.	Maintained
42	As per G.O.Rt.No.286, the industry shall transport the industrial effluents and plying on the roads is allowed between 6 A.M. to 6 P.M. only.	NA
43	The industry shall comply with Task Force directions issued by the Board from time to time.	Submitted below
44	The applicant shall submit Environment statement in Form V to the Regional office before 30th September of every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.	Submitting
45	The conditions stipulated in this order are without any prejudice to rights and contentions of this Board in any Hon'ble court of Law.	--

Remarks:

1. M/s. SVR Laboratories (P) Ltd., Sy.No. 238(part), 239/A, 239/E, Dhothigudem (V), Pochampally (M), Yadadri Bhuvanagiri District and engaged in manufacturing of Bulk Drugs & Intermediates.
2. The Board issued CFO & HWA to the industry vide order dated 09.11.2021 which is valid up to 31.10.2025.
3. During inspection on 17.07.2023 & 27.07.2023, the industry was in operation.
4. The industry has provided 3 numbers of two stage scrubbers with 2 Nos. of online pH meters and provided activated charcoal bed, sub cooler condenser at scrubbers outlet to control process emissions. The industry has provided dome covers to the effluents storage tanks and hood connected to scrubber. The industry has connected ATFD condenser vent to activated charcoal bed followed by scrubber.
5. The industry has provided effluent treatment system consisting of Stripper (30 KLD), MEE - 30 KLD, ATFD (6 KLD) and Biological ETP - 40 KLD capacity consisting of Collection cum equalization tank, Aeration tank-1, Aeration tank-2,

Settling Tank, Clarifier, Treated water collection tank followed by RO plant of 96 KLD capacity. During the inspection, the Biological ETP was developed with bioculture and ready for treating the LTDS.

6. The industry has 5 TPH & 4 TPH coal fired boilers and provided cyclone dust collector followed by Bag filter as APCE and stack of height 30 mtrs. The industry is having 1x4 lac.kcal/hr Thermic fluid heater and 2x1000 KVA DG sets.
 7. The industry has provided IP camera along with digital flow meters for HTDS effluents, LTDS effluents & RO permeate and connected the same to TSPCB server.
 8. The industry has provided VOC analyzer for monitoring of VOCs and connected to TSPCB server.
 9. As per the records of the industry, during the period from Jan'23 to Jun'23, the production is 212.4 Kg/day as against the consented quantity of 758.33 kgs/day.
 10. As per the records of the industry, during the period from Jan'23 to Jun'23, the water consumption is 22.9 KLD as against the consented quantity of 40.3 KLD. As per the records of the industry, during the period from Jan'23 to Jun'23, the Inorganic salts disposal to M/s. TSDF is 57.7 Tons & Organic salts disposal to Cement industries is 29.1 Tons. During inspection, inorganic salts of about 40 Tons & Organic residue of about 2 Tons was present in the industry premises.
12. **WHEREAS**, vide reference 9th cited, you were given an opportunity for hearing before the Task Force Committee of the Board during the meeting held on 07.08.2023. The industry representative and RO-Nalgonda have attended the meeting. After detailed discussions, the Committee recommended to inspect the industries by Task Force Committee Members.
13. **WHEREAS**, vide reference 10th cited, the Task Force Committee Members, EE, Task Force RC Puram Zone and RO-Nalgonda Officials inspected the industries on 10th & 11th of August, 2023. The details of the inspection are as follows:
1. During inspection on 10.08.2023, the industry was in operation.
 2. The industry has provided 3 nos. of two stage scrubbers with 2 Nos. of online pH meters and provided activated charcoal bed, sub cooler condenser at scrubbers outlet to control process emissions. The industry has provided dome covers to the effluents storage tanks and hood connected to scrubber. The industry has connected ATFD condenser vent to activated charcoal bed followed by scrubber.
 3. The industry has provided effluent treatment system consisting of Stripper (30 KLD), MEE -30 KLD, ATFD (6 KLD) and Biological ETP- 40 KLD capacity consisting of Collection cum equalization tank, Aeration tank-1, Aeration tank-2, Settling Tank, Clarifier, Treated water collection tank followed by RO plant of 96 KLD capacity. During the inspection, the industry representative informed that the outlet COD of biological ETP is 1000. The industry has developed less quantity of MLSS in the Biological ETP (which is leading to inadequate for reduction of COD in bio-ETP). The committee recommended that, the industry has to increase the MLSS in the biological ETP.
 4. During the inspection, it was observed that, the insulation to calandria of MEE was not proper.
 5. The industry has provided drums storage yard, however empty drums are stored openly on ground.
 6. The industry has 5 TPH & 4 TPH coal fired boilers and provided cyclone dust collector followed by Bag filter as APCE and stack of height 30 mtrs. The industry is having 1x4 lac.kcal/hr Thermic fluid heater and 2x1000 KVA DG sets.
 7. The compliance status of the industry on the Non-Compliance stipulated in agenda copy dated:07.08.2023:

S. No	Direction	Compliance
1	The industry has not provided separate detoxification area for cleaning of drums.	The industry has provided detoxification area for drums. Photo enclosed as below.
2	The industry has not submitted latest LDAR study report.	The industry has conducted LDAR study in May'2023. Copy submitted to RO. As per the LDAR report, major leakages were

	(131)	found in solvent storage yard, production block-I. The industry representative informed that they rectified the major leakages as per LDAR report.
3	The housekeeping of the industry is very poor. Lot of spillages were observed at the MEE area, ATFD area and hazardous waste storage area.	Housekeeping needs improvement.
4	Fumes were observed during inspection and causing odour nuisance in the surrounding area.	---
5	Biological ETP	Not Complied, the bio-culture is not available, they are just aerating it. Need to establish bio-culture.

Non compliances observed in Task Force meeting as per RO report:

1.	Installation work of condenser to stripper was under progress.	Installed.
2.	During inspection, inorganic salts of about 40 Tons & Organic residue of about 2 Tons was present in the industry premises.	During inspection, inorganic salts of about 40 Tons & Organic residue of about 2 Tons was present in the industry premises. Photograph enclosed as below. The committee recommended to dispose the waste immediately.
3.	During the inspection, odour of solvent toluene was observed in the premises.	The industry has provided Pan-drier for filtration of toluene in closed condition.
4.	The industry has not provided sub cooler condensers system followed by activated charcoal bed to the vents of scrubbing system connected to HTDS collection tank so as to arrest the VOCs.	The industry has provided single stage scrubber followed by activated charcoal bed for vents of HTDS collection tank. The committee recommended for double stage scrubber for vents of HTDS collection tank.
5.	The industry has not submitted latest LDAR status report	The industry has conducted LDAR study in May/2023. Copy submitted to RO. As per the LDAR report, major leakages were found in solvent storage yard, production block-I. The industry representative informed that they rectified the major leakages as per LDAR report.

14. **WHEREAS**, vide reference 11th cited, you were given an opportunity for hearing before the Task Force Committee of the Board during the meeting held on 28.08.2023. The Complainants & industry representatives (Virtually), RO-Nalgonda have attended the meeting. After detailed discussions, the Committee recommended to issue Extension of Temporary Revocation of Closure Orders for a period up to 31.10.2023 with certain directions.

15. **WHEREAS**, after careful consideration of the material facts of the case, **the Board hereby issue Extension of Temporary Revocation of Closure Order to your industry for a period up to 31.10.2023 with the following directions to comply with:**

1. The industry shall comply with all conditions stipulated in the CFO&HWA order issued by the Board scrupulously.
2. The industry shall comply with all the conditions stipulated in the Extension of Temporary Revocation of Closure Order dated: 26.06.2023.
3. The industry shall pay the Environmental Compensation (EC) of Rs.44,80,000/- as per the Hon'ble NGT Orders vide order dated:21.06.2023, you are hereby directed to deposit an amount of Rs.44,80,000/- (Rupees Forty Four Lakhs Eighty Thousand Only) towards Environmental Compensation. The amount shall be deposited by way of D.D drawn in favour of "Member Secretary, T.S Pollution Control Board" payable at Hyderabad.

(32)

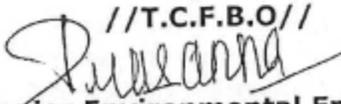
4. The industry shall continuously operate ZLD system so as to treat all the effluent and shall reuse all the treated effluent for plant needs and shall maintain the records.
 5. The industry shall maintain adequate bio-culture / MLSS in the aeration tank to operate biological ETP effectively thereby reduce load on the RO.
 6. The industry shall provide/maintain operate digital flow meters with IP cameras to ZLD system & provide/ maintain IP camera at main gate entrance. The industry shall provide / maintain PTZ camera to cover ZLD & boiler area. All the cameras shall be connected to the TSPCB Server.
 7. The industry shall provide first runoff of rainwater & seepage collection pit with proper bypass arrangement for free flow of subsequent rain water (24 kL/acre). The collected contaminated rain water shall be pumped and stored in above ground level tank of adequate capacity and the same shall be treated within the premises or send to CETP for further treatment and disposal.
 8. The industry shall provide digital flow meter for the first run off water and shall treat in their ZLD / dispose to CETP for further treatment.
 9. The industry shall extend the Bank Guarantee from time to time till further orders from the Board.
 10. The industry shall not carryout operations without valid revocation of closure orders. Failing which the Board will be constraint to take action against the industry.
16. **WHEREAS**, the TSSPDCL., Ltd., has been directed to restore the power supply to your industry for a period up to 31.10.2023.
17. These orders are issued under Section 33(A) of Water (Prevention and Control of Pollution) Act, 1974 (as amended by Act 53 of 1988).
18. You are hereby directed to note that, should you misuse these orders to operate the unit violating any of the conditions mentioned above, your unit will be closed under Section 33(A) of Water (Prevention and Control of Pollution) Act, 1974 (as amended by Act 53 of 1988) without any further notice to you and you will also be liable for prosecution in the court of Metropolitan Magistrate or Judicial Magistrate of the first class under section 41(2) of Water (Prevention and Control of Pollution) Act, 1974 (as amended by Act 53 of 1988), the punishment for which include imprisonment for a term which shall not be less than one year six months and which may be extended to six years with fine.

Sd/-
MEMBER SECRETARY

To
M/s. SVR Laboratories (P) Ltd.,
Sy.No. 239/A, 239/E, Dothigudem (V),
Pochampally (M), Yadadri Bhuvanagiri District.

Copy to:

1. The JCEE., Z.O., R.C.Puram for information and necessary action.
2. The Environmental Engineer, Regional Office, Nalgonda for information necessary action. The RO is directed coordinate with the Task Force Committee Members to inspect the industry after four weeks to verify the compliances status of the industry
3. Concerned file.

//T.C.F.B.O//

Senior Environmental Engineer
(Task Force - UH-IV)

This Order has the Digital Approval by the Member Secretary.

ORDER ISSUED UNDER AIR (P&C) AMENDMENT ACT, 1987

Order No. NLG-96/TSPCB/TF/HO/2023- ~~264~~ (133) **Date: 13.09.2023**

Sub: TSPCB - M/s. SVR Laboratories (P) Ltd., Sy.No. 239/A, 239/E, Dothigudem (V), Pochampally (M), Yadadri Bhuvanagiri District - Air (Prevention and Control of Pollution) Act 1981 (as amended by Act 47 of 1987) - **Extension of Temporary Revocation of Closure Order for a period up to 31.10.2023 - Orders Issued** - Reg.

- Ref:*
1. CFO Order dt. 09.11.2021 and valid up to 31.10.2025.
 2. Closure Order No. NLG-96/TSPCB/TF/HO/2016-, dt. 02.03.2022.
 3. Temporary Revocation of Closure Order No. NLG-96/TSPCB/TF/HO/2016, Dt: 27.04.2022.
 4. The Hon'ble NGT, Chennai has issued directions vide Order dated: 17.01.2023.
 5. The Board issued additional directions on 21.06.2023 for Levying of Environmental Compensation.
 6. Extension of Temporary Revocation of Closure Order issued on 26.06.2023 for a period up to 31.07.2023.
 7. The Board received a complaint on twitter by Sri Panduchoppari@panduchoppari on 31.07.2023 regarding colored water stagnation in the Dothigudem area and also same complaint forwarded by the District Collector, Yadadri Bhuvanagiri District.
 8. The RO-Nalgonda Officials report dated 01.08.2023.
 9. Hearing held on 07.08.2023.
 10. Hon'ble High Court orders in WP.No.18108 of 2023 dt. 08.08.2023 regarding Environmental Compensation Levied by the TSPCB.
 11. The Task Force Committee Members inspected the industry on 10.08.2023 & 11.08.2023.
 12. Hearing held on 28.08.2023.

* * * * *

1. **WHEREAS**, you are operating the industry located at Sy.No. 239/A, 239/E, Dothigudem (V), Pochampally (M), Yadadri Bhuvanagiri District and engaged in manufacturing of Bulk Drugs & Intermediates.
2. **WHEREAS**, vide reference 1st cited, the industry has obtained CFO&HWA from the Board vide orders dt. 09.11.2021 and valid up to 31.10.2025.
3. **WHEREAS**, vide reference 2nd cited, the Board issued Closure order to the industry on 02.03.2022 for non compliance of the Board directions / Consent conditions and causing pollution in the surrounding area.
4. **WERHEAS**, vide reference 3rd cited, the Board issued Temporary Revocation of Closure Order to industry on 27.04.2022 for a period of Three months with certain directions to comply.
5. **WHEREAS**, vide reference 4th cited, the Hon'ble NGT, Chennai vide Order dated: 17.01.2023 directed the TSPCB to furnish the compliance report on water & soil analysis.
6. **WERHEAS**, vide reference 5th cited, the Board issued additional directions to the industry on 21.06.2023 for Levying of Environmental Compensation (EC).
7. **WERHEAS**, vide reference 6th cited, the Board issued Extension of Temporary Revocation of Closure Order to the industry on 26.06.2023 for a period up to 31.07.2023.
8. **WHEREAS**, the industry have filed a Writ Petitions before Hon'ble High Court of Telangana praying the Hon'ble High Court to declare the orders issued by the Respondent Board directing the petitioner industry to deposit an amount towards Environmental Compensation without giving any notice as arbitrary and irregular, contrary to law, without power and jurisdiction and set aside the same.

Signature
 DISPATCH NO:
 DATE: 14 SEP 2023

9. **WHEREAS**, the Hon'ble High Court passed an orders dt.08.08.2023 in the WP No.18108 of 2023, the composite order dated: 21.06.2023 issued to the industry by the Board is quashed and set aside and the operative portion of the order reads as under.

"for the afore-mentioned reasons, order dated:2106.2023 passed by the Board cannot be sustained in the eye of law. Accordingly, it is quashed and set aside. The matter is remitted to the Board to consider the grounds taken by the petitioner in the explanation dated: 02.06.2023. Needless to state that the Board shall also consider the fact that consent for operation was granted to the petitioner on 08.02.2023 as well as the fact that the petitioner was not a party to the order dated: 17.01.2023 passed by National Green Tribunal in OA.No.97 of 2021. The Board shall afford and opportunity of hearing to the petitioner and shall by speaking order conclude the proceeding initiated in pursuance to show cause notice dated; 22.05.20232 . it is made clear that this court has not expressed any opinion on merits of the matter.

10. **WERHEAS**, vide reference 7th cited, the Board received a complaint on twitter by Sri Panduchoppari@panduchoppari on 31.07.2023 regarding colored water stagnation in the Dothigudem area and also same complaint forwarded by the District Collector, Yadadri Bhuvanagiri District.
11. **WHEREAS**, vide reference 8th cited, the RO-Nalgonda officials inspected the industry and submitted report to the Board office on 01.08.2023 and the following observations were made:

1. The industry is in operation during inspection
2. The status of compliance of the industry on the directions stipulated in the Temporary Revocation of Closure Order dt: 26.06.2023 is as follows:

Air Act:

S. No	Direction	Compliance
1	The industry shall take all odour control measures and operate the same regularly to avoid odour nuisance to the surrounding environment.	During the inspection, odour of solvent toluene was observed in the premises.
2	The industry shall provide & maintain dome with suction hood followed by double stage scrubber with online pH meter to the HTDS effluent storage tanks to control the odour nuisance.	The industry has provided dome with suction hood followed by single stage scrubber.
3	The industry shall install & maintain sub cooler condensers system followed by activated charcoal bed to the vents of scrubbing system connected to HTDS collection tank so as to arrest the VOCs.	Not complied
4	The industry shall install & maintain sub cooler condensers system followed by activated charcoal bed so as to arrest the VOCs from the scrubber attached to ATFD.	The industry has provided activated charcoal bed followed by single stage scrubber to ATFD vent.
5	The industry shall continuously operate scrubbers with online pH meter for control of process emissions and shall take appropriate additional measures for control smell nuisance within & outside the industry premises.	The industry has provided 3 Nos. of double stage scrubbers followed by activated char coal bed for production blocks and provided 1 no single stage scrubber to the vent of HTDS storage tanks.
6	The industry shall operate & maintain online VOC monitoring system and connect the same to the Board server.	The industry has provided VOC analyzer for monitoring of VOCs and connected to TSPCB server.
7	The industry shall provide odour suppressant mist spray / sprinkle "PIION" liquid at effluent treatment area to contain VOCs.	Not complied
8	The industry shall provide & maintain the vent condensers for all the solvent storage / chemical	Complied

	storage tanks to control the fugitive emissions.	
9	The industry shall conduct the LDAR study once in six months. The industry shall take necessary measures as per the latest Leak Detection and Repair (LDAR) Study to arrest the solvent losses and reduce VOCs in the premises.	The industry has submitted Leak Detection and Repair Study report dated 23.06.2022. 135
10	The industry shall not cause any air pollution to the surrounding area.	During the inspection, odour of solvent toluene was observed in the premises.

3. Compliance with regard to Schedule -B conditions of CFO (Change of product mix) order No. 210523174503, dt.09.11.2021.

S.No	Condition	Compliance																																										
1	<p>Total water consumption shall not exceed 40.3 KLD</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>S.No.</th> <th>Purpose</th> <th>Quantity (KLD)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Process & washings</td> <td>9.60</td> </tr> <tr> <td>2</td> <td>Boiler & Cooling make up</td> <td>23.3</td> </tr> <tr> <td>3</td> <td>DM Plant regeneration</td> <td>0.7</td> </tr> <tr> <td>4</td> <td>Scrubber</td> <td>0.7</td> </tr> <tr> <td>5</td> <td>Domestic & Gardening</td> <td>6.0</td> </tr> <tr> <td colspan="2">Total</td> <td>40.3 KLD</td> </tr> </tbody> </table>	S.No.	Purpose	Quantity (KLD)	1	Process & washings	9.60	2	Boiler & Cooling make up	23.3	3	DM Plant regeneration	0.7	4	Scrubber	0.7	5	Domestic & Gardening	6.0	Total		40.3 KLD	As per the records of the industry, during the period from Jan'23 to Jun'23, the water consumption is 22.9 KLD as against the consented quantity of 40.3 KLD.																					
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3	<p>The emissions shall not contain constituents in excess of the prescribed limits mentioned below.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Constituent</th> <th>Prescribed Limit</th> <th>Actual Limit</th> </tr> </thead> <tbody> <tr> <td>As per MOEF&CC Notification No.GSR 96(E), dt. 29.01.2018 published under the Environment (Protection) Rules, 1986.</td> <td></td> <td></td> </tr> </tbody> </table>	Constituent	Prescribed Limit	Actual Limit	As per MOEF&CC Notification No.GSR 96(E), dt. 29.01.2018 published under the Environment (Protection) Rules, 1986.			--																																				
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4	The industry shall not manufacture any un-consented products and exceeding capacities without obtaining prior Consent for Establishment (CFE) and Consent for Operation (CFO) of the Board.	As per the records of the industry, during the period from Jan'23 to Jun'23, the production is 212.4 Kg/day as against the consented quantity of 758.33 kgs/day.																																										
5	The industry shall comply with emission limits for DG sets up to 800 KW as per the Notification G.S.R.520 (E), dated 01.07.2003 under the Environment (Protection) Amendment Rules, 2003 and G.S.R.448(E), dated 12.07.2004 under the Environment (Protection) Second Amendment Rules, 2004. In case of DG sets more than 800 KW should comply with emission limits as per the Notification G.S.R.489 (E), dated 09.07.2002 at serial no.96, under the Environment (Protection) Act, 1986.	--																																										

6	The industry shall comply with ambient air quality standards of PM ₁₀ (Particulate Matter size less than 10 µm) - 100 µg/ m ³ ; PM _{2.5} (Particulate Matter size less than 2.5 µm) - 60 µg/ m ³ ; SO ₂ - 80 µg/ m ³ ; NO _x - 80 µg/m ³ , outside the factory premises at the periphery of the industry. Standards for other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009. Noise Levels: Day time (6 AM to 10 PM)-75 dB (A) Night time (10 PM to 6 AM) - 70 dB (A).	--
7	The existing CFO & HWA (for phase-1 expansion) order dt.04.06.2019 with a validity up to 31.03.2024 stands cancelled.	--
8	The industry has paid CFO fee of Rs.3,60,000/- for a period up to 31.07.2022	The industry has paid annual consent fee of Rs. Rs. 42,800/- for a period upto 31.03.2024.
9	The industry shall pay balance consent fee annually as per rates notified in G.O.Ms.No.22. The payment of annual consent fee shall be made at concerned RO for every financial year (i.e., April to March) within the stipulated time period i.e., 1 st quarter of every financial year (April to June) is mandatory for the industry / project, failing which, the validity of the Consent Order automatically stands cancelled and operation industry / project without valid consent attracts penal action under the provision of Water Act, Air Act & Hazardous and Other Wastes (Management & Transboundary Movement) Rules,2016.	Complied
10	The industry either paying annual fee or total fee for consented period, shall pay the balance fee as per the revised rates as applicable from time to time.	Complied
11	The industry shall segregate effluents into LTDS & HTDS effluents separately.	Complied.
12	The industry shall regularly operate the ZLD system to treat the effluent and 100% recycle of treated effluent.	During the inspection, the MEE system was under operation. Installation work of condenser to stripper was under progress.
13	The industry shall maintain digital flow meters with totalisers (RS-485 communication) for recording the quantity of LTDS, HTDS effluents, RO permeate and also maintain daily records. They shall connect the flow totaliser data to TSPCB & CPCB servers as per CPCB protocol.	The industry has provided digital flow meter for HTDS effluents, LTDS effluents, RO permeate and RO rejects and Steam flow meter to MEE system.
14	The industry is permitted to send HTDS effluents to the MEE system of M/s. JETL, Jeedimetla for a period of maximum 15 days in a calendar year i.e. during maintenance / break down of Stripper, MEE & ATFD system and shall maintain records.	--
15	The industry shall provide and operate IP Camera with PAN, Zoom, 5x or above focal length, with night vision capability, at main gate entrance & at other gates where there is movement of effluent tankers, Solvent tankers, Chemical tankers, Hazardous Waste carrying vehicles & other material carrying vehicles. These cameras shall be connected to the website of TSPCB, with minimum backup of three months.	The industry has provided IP camera at main gate entrance and connected to Board server.

16	The industry shall maintain vent condensers for chemical / solvent storage tanks to control fugitive emissions.	Complied (137)
17	The industry shall maintain separate water meters for recording water consumption for process, boiler feed, cooling and domestic purposes and also maintain daily records.	The industry has provided mechanical flow meters for boiler feed, process, Cooling tower & Domestic.
18	The industry shall operate multi stage scrubber along with online pH monitoring system for control of process emissions. They shall maintain log book for operation of scrubber for monitoring active scrubbing media.	The industry has provided 3 numbers of two stage scrubbers with 2 Nos. of online pH meters and provided activated charcoal bed, sub cooler condenser at scrubbers outlet to control process emissions and maintaining records.
19	The industry shall monitor VOCs in ambient air with online VOC analyzer & connect the data to TSPCB server.	The industry has provided VOC analyzer for monitoring of VOCs and connected the same to TSPCB server.
20	The industry shall maintain elevated platform with leachate/spillages collection pit to store drums containing chemicals & wastes to control spillages / discharges of chemicals / effluents on ground.	The industry has provided separate shed for storage of drums.
21	The industry shall maintain IP camera with PAN, TILT Zoom, 5x or above focal length, with night vision capability at effluent collection system (HTDS & LTDS) and RO permeate as per CPCB norms. They shall connect the data to CPCB & TSPCB server.	The industry has provided IP camera along with digital flow meters for HTDS effluents, LTDS effluents & RO permeate and connected the same to TSPCB server.
22	The industry shall install on line TDS meter for HTDS effluent generation and connect the same to TSPCB server within two months. They shall maintain the records for effluent generation, TDS values, salts generation on daily basis.	The industry provided online TDS meter and connected to Board Server.
23	The industry shall develop greenbelt as per norms.	The industry is having greenery in an area of about 1.0 Acre.
24	The industry shall maintain records on source of starting raw material / Intermediates for each product-wise and the consolidated records shall be submitted to R.O., Nalgonda every month along with invoice copies of the starting raw materials outsourced.	The industry shall follow.
25	The industry shall provide adequate closed storage facilities above the ground with proper lining for storage of effluents before its treatment	The industry has provided above ground level tanks of capacity HTDS-80 KL, LTDS-8 KL.
26	The industry shall not use effluents in cooling towers under any circumstances.	--
27	The industry shall not discharge any effluents onland within or outside the plant premises.	During the inspection, no discharge of effluents were observed.
28	The industry shall provide storm water drains to avoid mixing of effluent/spillages with run-off water during rains. The industry shall collect contaminated rain water and shall dispose the same to CETP, after conforming to the influent standards of CETP duly maintain separate records.	The industry has constructed first run off rain water tank (on ground) of about 35 KL capacity with bypass arrangement.
29	The industry shall provide sufficient storage collection tank to ensure the collection of first run off rain water.	

30	The industry shall provide arrangement to bypass the rain water collection tank of first run off rain water for subsequent water flow.	Provided
31	The industry shall take measures to prevent the seepages such as cement concrete flooring with proper collection system to collect contaminants / spillages in the relevant areas in the industry premises and avoid seepages outside the industry premises.	The industry provided concrete wall towards North-West side to prevent seepages.
32	The industry shall provide and maintain hood with extraction systems to the HTDS collection tanks and connect to the scrubbers to control the odour problem.	The industry has provided dome covers to the effluents storage tanks and hood connected to scrubber. The industry has connected ATFD vent followed by activated charcoal bed followed by scrubber.
33	The industry shall carry out Leak Detection and Repair Study (LDAR) to assess the solvent losses and based on the study the industry shall take necessary steps to arrest the solvent losses and reduce VOCs in the premises.	The industry has submitted Leak Detection and Repair Study report dated 23.06.2022.
34	The industry shall provide and maintain separate energy meters for recording energy consumption for air pollution control equipments and maintain record for daily energy consumption.	The industry has provided separate energy meter for MEE system, RO plant & Scrubbing system and maintaining the records.
35	The evaporation losses in solvents shall be controlled by taking all preventive measures such as circulation of Chilled brine, transfer of solvents by using pumps instead of manual handling, closed centrifuges, providing primary & secondary condensers to all the reactor vents and all the solvent storage tanks and keeping solvent storage in ground storage tanks with closed pipeline to Reactors.	The industry has provided vent condensers with chilled brine circulation to the bulk solvent storage tanks to avoid solvent losses.
36	The industry shall operate Solvent Recovery Plant in the plant. Solvents shall be recovered to the maximum extent possible and shall be reused. The industry shall submit status of efficiency of Solvent Recovery Plant to the concerned Regional Officer. The industry shall not dispose spent solvents / mixed spent solvents to the traders / recyclers.	The industry is not having Solvent recovery system. The spent solvents are recovered by simple distillation and reused.
37	The industry shall provide and maintain Stack Monitoring facility as per Emission Regulation part-3 (ERP-3) norms for all the major stacks of the industry.	Complied
38	The industry shall ensure that the Port hole and ladder facility for the Stacks is safe to carry out Stack monitoring. In place of monkey ladder, spiral type/scaffold ladder shall be provided to ensure safety of monitoring personnel.	Complied

39	The industry shall implement the odour control measures at source of generation and from ETP and shall ensure to maintain the same effectively to control odour problems. <div style="text-align: center;">139</div>	The industry has provided 3 numbers of two stage scrubbers with 2 Nos. of online pH meters and provided activated charcoal bed, sub cooler condenser at scrubbers outlet to control process emissions. The industry has provided dome covers to the effluents storage tanks and hood connected to scrubber. The industry has connected ATFD condenser vent to activated charcoal bed followed by scrubber.
40	The industry shall ensure that there shall not be any change in process technology and scope of working without prior approval from the Board	Complied
41	(a) The industry shall maintain the following records and the same shall be made available to the Board Officials during the inspection. i) Daily production details. ii) Quantity of Effluents generated and reused. iii) Log Books for pollution control systems. iv) Daily solid waste generated and disposed (b) The industry shall submit consolidated statement of the above on monthly basis to the Concerned Regional Office.	Maintained
42	As per G.O.Rt.No.286, the industry shall transport the industrial effluents and plying on the roads is allowed between 6 A.M. to 6 P.M. only.	NA
43	The industry shall comply with Task Force directions issued by the Board from time to time.	Submitted below
44	The applicant shall submit Environment statement in Form V to the Regional office before 30th September of every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.	Submitting
45	The conditions stipulated in this order are without any prejudice to rights and contentions of this Board in any Hon'ble court of Law.	--

Remarks:

1. M/s. SVR Laboratories (P) Ltd., Sy.No. 238(part), 239/A, 239/E, Dhothigudem (V), Pochampally (M), Yadadri Bhuvanagiri District and engaged in manufacturing of Bulk Drugs & Intermediates.
2. The Board issued CFO & HWA to the industry vide order dated 09.11.2021 which is valid up to 31.10.2025.
3. During inspection on 17.07.2023 & 27.07.2023, the industry was in operation.
4. The industry has provided 3 numbers of two stage scrubbers with 2 Nos. of online pH meters and provided activated charcoal bed, sub cooler condenser at scrubbers outlet to control process emissions. The industry has provided dome covers to the effluents storage tanks and hood connected to scrubber. The industry has connected ATFD condenser vent to activated charcoal bed followed by scrubber.

5. The industry has provided effluent treatment system consisting of Stripper (30 KLD), MEE - 30 KLD, ATFD (6 KLD) and Biological ETP - 40 KLD capacity consisting of Collection cum equalization tank, Aeration tank-1, Aeration tank-2, Settling Tank, Clarifier, Treated water collection tank followed by RO plant of 96 KLD capacity. During the inspection, the Biological ETP was developed with bioculture and ready for treating the LTDS.
6. The industry has 5 TPH & 4 TPH coal fired boilers and provided cyclone dust collector followed by Bag filter as APCE and stack of height 30 mtrs. The industry is having 1x4 lac.kcal/hr Thermic fluid heater and 2x1000 KVA DG sets.
7. The industry has provided IP camera along with digital flow meters for HTDS effluents, LTDS effluents & RO permeate and connected the same to TSPCB server.
8. The industry has provided VOC analyzer for monitoring of VOCs and connected to TSPCB server.
9. As per the records of the industry, during the period from Jan'23 to Jun'23, the production is 212.4 Kg/day as against the consented quantity of 758.33 kgs/day.
10. As per the records of the industry, during the period from Jan'23 to Jun'23, the water consumption is 22.9 KLD as against the consented quantity of 40.3 KLD. As per the records of the industry, during the period from Jan'23 to Jun'23, the Inorganic salts disposal to M/s. TSDF is 57.7 Tons & Organic salts disposal to Cement industries is 29.1 Tons. During inspection, inorganic salts of about 40 Tons & Organic residue of about 2 Tons was present in the industry premises.
12. **WHEREAS**, vide reference 9th cited, you were given an opportunity for hearing before the Task Force Committee of the Board during the meeting held on 07.08.2023. The industry representative and RO-Nalgonda have attended the meeting. After detailed discussions, the Committee recommended to inspect the industries by Task Force Committee Members.
13. **WHEREAS**, vide reference 10th cited, the Task Force Committee Members, EE, Task Force RC Puram Zone and RO-Nalgonda Officials inspected the industries on 10th & 11th of August, 2023. The details of the inspection are as follows:
 1. During inspection on 10.08.2023, the industry was in operation.
 2. The industry has provided 3 nos. of two stage scrubbers with 2 Nos. of online pH meters and provided activated charcoal bed, sub cooler condenser at scrubbers outlet to control process emissions. The industry has provided dome covers to the effluents storage tanks and hood connected to scrubber. The industry has connected ATFD condenser vent to activated charcoal bed followed by scrubber.
 3. The industry has provided effluent treatment system consisting of Stripper (30 KLD), MEE -30 KLD, ATFD (6 KLD) and Biological ETP- 40 KLD capacity consisting of Collection cum equalization tank, Aeration tank-1, Aeration tank-2, Settling Tank, Clarifier, Treated water collection tank followed by RO plant of 96 KLD capacity. During the inspection, the industry representative informed that the outlet COD of biological ETP is 1000. The industry has developed less quantity of MLSS in the Biological ETP (which is leading to inadequate for reduction of COD in bio-ETP). The committee recommended that, the industry has to increase the MLSS in the biological ETP.
 4. During the inspection, it was observed that, the insulation to calendria of MEE was not proper.
 5. The industry has provided drums storage yard, however empty drums are stored openly on ground. Photo enclosed.
 6. The industry has 5 TPH & 4 TPH coal fired boilers and provided cyclone dust collector followed by Bag filter as APCE and stack of height 30 mtrs. The industry is having 1x4 lac.kcal/hr Thermic fluid heater and 2x1000 KVA DG sets.
 7. The compliance status of the industry on the Non-Compliance stipulated in agenda copy dated:07.08.2023:

S. No	Direction	Compliance
1	The industry has not provided separate detoxification area for cleaning of drums.	The industry has provided detoxification area for drums. Photo enclosed as below.
2	The industry has not submitted latest LDAR study report.	The industry has conducted LDAR study in May'2023. Copy submitted to RO. As per the LDAR report, major leakages were found in solvent storage yard, production block-I. The industry representative informed that they rectified the major leakages as per LDAR report.
3	The housekeeping of the industry is very poor. Lot of spillages were observed at the MEE area, ATFD area and hazardous waste storage area.	Housekeeping needs improvement.
4	Fumes were observed during inspection and causing odour nuisance in the surrounding area.	---
5	Biological ETP	Not Complied, the bio-culture is not available, they are just aerating it. Need to establish bio-culture.

Non compliances observed in Task Force meeting as per RO report:

1.	Installation work of condenser to stripper was under progress.	Installed.
2.	During inspection, inorganic salts of about 40 Tons & Organic residue of about 2 Tons was present in the industry premises.	During inspection, inorganic salts of about 40 Tons & Organic residue of about 2 Tons was present in the industry premises. Photograph enclosed as below. The committee recommended to dispose the waste immediately.
3.	During the inspection, odour of solvent toluene was observed in the premises.	The industry has provided Pandrier for filtration of toluene in closed condition.
4.	The industry has not provided sub cooler condensers system followed by activated charcoal bed to the vents of scrubbing system connected to HTDS collection tank so as to arrest the VOCs.	The industry has provided single stage scrubber followed by activated charcoal bed for vents of HTDS collection tank. The committee recommended for double stage scrubber for vents of HTDS collection tank.
5.	The industry has not submitted latest LDAR status report	The industry has conducted LDAR study in May'2023. Copy submitted to RO. As per the LDAR report, major leakages were found in solvent storage yard, production block-I. The industry representative informed that they rectified the major leakages as per LDAR report.

14. **WHEREAS**, vide reference 11th cited, you were given an opportunity for hearing before the Task Force Committee of the Board during the meeting held on 28.08.2023. The Complainants & industry representatives (Virtually), RO-Nalgonda have attended the meeting. After detailed discussions, the Committee recommended to issue Extension of Temporary Revocation of Closure Orders for a period upto 31.10.2023.

15. **WHEREAS**, after careful consideration of the material facts of the case, **the Board hereby issue Extension of Temporary Revocation of Closure Order to your industry for a period up to 31.10.2023 with the following directions to comply with:**

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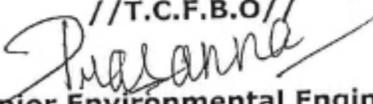
1. The industry shall comply with all conditions stipulated in the CFO&HWA order issued by the Board scrupulously.
 2. The industry shall comply with all the conditions stipulated in the Extension of Temporary Revocation of Closure Order dated: 26.06.2023.
 3. The industry shall pay the Environmental Compensation (EC) of Rs.44,80,000/- as per the Hon'ble NGT Orders, you are hereby directed to deposit an amount of Rs.44,80,000/- (Rupees Forty Four Lakhs Eighty Thousand Only) towards Environmental Compensation. The amount shall be deposited by way of D.D drawn in favour of "Member Secretary, T.S Pollution Control Board" payable at Hyderabad.
 4. The industry shall provide odour suppressant mist spray / sprinkle "PIION" liquid at effluent treatment area to control VOCs within one month.
 5. The industry shall conduct the LDAR study once in six months. The industry shall take necessary measures as per the latest Leak Detection and Repair (LDAR) Study to arrest the solvent losses and reduce VOCs in the premises.
16. **WHEREAS**, the TSSPDCL., Ltd., has been directed to restore the power supply to your industry from 01.08.2023 for a period upto 31.10.2023.
17. These directions are issued under Section 31(A) of the Air (Prevention and Control of Pollution) Act 1981 (as amended by Act 47 of 1987).
18. You are hereby directed to note that, should you misuse these orders to operate the unit violating any of the conditions mentioned above, your unit will be closed under Section 31(A) of the Air (Prevention and Control of Pollution) Act 1981 (as amended by Act 47 of 1987) without any further notice to you and you will also be liable for prosecution in the court of Metropolitan Magistrate or Judicial Magistrate of the first class under section 37(1) of Air (Prevention and Control of Pollution) Act 1981 (as amended by Act 47 of 1987), the punishment for which include imprisonment for a term which shall not be less than one year six months and which may be extended to six years with fine.

Sd/-
MEMBER SECRETARY

To
M/s. SVR Laboratories (P) Ltd.,
Sy.No. 239/A, 239/E, Dothigudem (V),
Pochampally (M), Yadadri Bhuvanagiri District.

Copy to:

1. The JCEE., Z.O., R.C.Puram for information and necessary action.
2. The Environmental Engineer, Regional Office, Nalgonda for information necessary action. The RO is directed coordinate with the Task Force Committee Members to inspect the industry after four weeks to verify the compliances status of the industry
3. Concerned file.

//T.C.F.B.O//

Senior Environmental Engineer
(Task Force - UH-IV)

This Order has the Digital Approval by the Member Secretary.



TELANGANA STATE POLLUTION CONTROL BOARD
PARYAVARAN BHAVAN, A - 3, INDUSTRIAL ESTATE,
SANATHNAGAR, HYDERABAD - 500 018.

Phone: 23887500
Fax: 040 - 23815631
Website: tspcb.cgg.gov.in

BY REGD. POST WITH ACK. DUE

Order No.NLG-96/TSPCB/TF/HO/2023- 763

Date:13.09.2023

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Sub : TSPCB - M/s. SVR Laboratories (P) Ltd., Sy.No. 239/A, 239/E, Dothigudem (V), Pochampally (M), Yadadri Bhuvanagiri District - Water (Prevention and Control of Pollution) Act, 1974 (as amended by Act 53 of 1988) and Air (Prevention and Control of Pollution) Act 1981 (as amended by Act 47 of 1987) - **Extension of Temporary Restoration of Power Supply for a period upto 31.10.2023 - Orders Issued** - Reg.

Ref : 1. Order No.NLG-96/TSPCB/TF/HO/2023-455, dt:26.06.2023.
2. Hearing held on 28.08.2023.
3. Order No.NLG-96/TSPCB/TF/HO/2023- , dt.13.09.2023.

* * * * *

In the 1st reference mentioned above, orders under section 33(A) of Water (Prevention and Control of Pollution) Amendment Act, 1988 & under section 31(A) of Air (Prevention and Control of Pollution) Amendment Act, 1987 orders were directed to TSSPDCL to restore the power supply for a period upto 31.07.2023 to M/s. SVR Laboratories (P) Ltd., Sy.No. 239/A, 239/E, Dothigudem (V), Pochampally (M), Yadadri Bhuvanagiri District.

In the 2nd reference cited, the status of the industry was reviewed before the Board's Task Force Committee meeting held on 28.08.2023. After careful consideration of all the material facts of the case, it was decided to issue extension of temporary revocation of closure orders for a period upto 31.10.2023. Accordingly the Board has issued extension of temporary revocation of closure orders to the industry. A copy of the extension of temporary revocation of closure orders is herewith enclosed.

In view of the above, the Board hereby directs the TSSPDCL to extend the power supply to M/s. SVR Laboratories (P) Ltd., Sy.No. 239/A, 239/E, Dothigudem (V), Pochampally (M), Yadadri Bhuvanagiri District for a period up to 31.10.2023 for carrying out the production activities. These directions are issued under section 33(A) of Water (Prevention and Control of Pollution) Amendment Act, 1988 and under section 31(A) of Air (Prevention and Control of Pollution) Amendment Act, 1987.

Sd/-
MEMBER SECRETARY

To,
The Superintending Engineer (Operations),
T.S. Southern Power Distribution Company Ltd.,
Yadadri Bhuvanagiri District.

Copy to:

1. The JCEE, Z.O, R.C.Puram for information and necessary action.
2. The Environmental Engineer, Regional Office, Nalgonda for information and necessary action.
3. Concerned file.

//T.C.F.B.O//

Senior Environmental Engineer
(Task Force - UH-IV)

This Order has the Digital Approval by the Member Secretary.



TELANGANA STATE POLLUTION CONTROL BOARD
PARYAVARAN BHAVAN, A - 3, INDUSTRIAL ESTATE,
SANATHNAGAR, HYDERABAD - 500 018.

Phone: 23887500
Fax: 040 - 23815631
Website: tspcb.cgg.gov.in

BY REGD. POST WITH ACK. DUE

Annexure - IX

ORDERS ISSUED UNDER WATER (P&CP) AMENDMENT ACT, 1988

Order No. NLG-50/TSPCB/TF/HO/2023-744

Date: 13.09.2023

Sub: TSPCB - M/s. Chemic Life Sciences Pvt. Ltd., Sy.No.238 & 239, Dhotigudem (V), Pochampally (M), Yadadri Bhuvanagiri District - Water (Prevention and Control of Pollution) Act, 1974 (as amended by Act 53 of 1988) - Extension of Temporary Revocation of Closure Order for a period up to 31.10.2023 - Orders Issued - Reg.

- Ref :
1. CFO & HWA Order dt.02.05.2023, valid up to 30.04.2028.
 2. Closure Order No.NLG-50/TSPCB/TF/HO/2017-, dt.02.03.2022.
 3. Temporary Revocation of Closure Order No.NLG-47/TSPCB/TF/HO/2016, Dt: 27.04.2022.
 4. The Hon'ble NGT, Chennai has issued directions vide Order dated: 17.01.2023.
 5. The Board issued additional directions on 21.06.2023 for Levying of Environmental Compensation.
 6. Extension of Temporary Revocation of Closure Order issued on 26.06.2023 for a period up to 31.07.2023.
 7. The Board received a complaint on twitter by Sri Panduchoppari@panduchoppari on 31.07.2023 and also same complaint forwarded by the District Collector, Yadadri Bhuvanagiri District.
 8. The RO-Nalgonda Officials report dated 01.08.2023.
 9. The Hon'ble High Court passed an orders dt.08.08.2023 in W.P.No.17179 of 2023.
 10. Hearing held on 07.08.2023.
 11. The Task Force Committee Members inspected the industry on 10.08.2023 & 11.08.2023.
 12. Hearing held on 28.08.2023.

1. **WHEREAS**, you are operating the industry located at Sy.No.238 & 239, Dhotigudem (V), Pochampally (M), Yadadri Bhuvanagiri District is manufacturing Drug intermediates.
2. **WHEREAS**, vide reference 1st cited, the Board issued CFO&HWA vide order dt:02.05.2023, which is valid up to 30.04.2028.
3. **WHEREAS**, vide reference 2nd cited, the Board issued Closure order to the industry on 02.03.2022 for non compliance of the Board directions / Consent conditions and causing pollution in the surrounding area.
4. **WERHEAS**, vide reference 3rd cited, the Board issued Temporary Revocation of Closure Order to industry on 27.04.2022 for a period of Three months with certain directions to comply.
5. **WHEREAS**, vide reference 4th cited, the Hon'ble NGT, Chennai vide Order dated: 17.01.2023 directed the TSPCB to furnish the compliance report on water & soil analysis.
6. **WERHEAS**, vide reference 5th cited, the Board issued additional directions to the industry on 21.06.2023 for Levying of Environmental Compensation (EC).
7. **WERHEAS**, vide reference 6th cited, the Board issued Extension of Temporary Revocation of Closure Order to the industry on 26.06.2023 for a period up to 31.07.2023.
8. **WERHEAS**, the industry has filed a WP No. 19239 of 2023 in Hon'ble High Court of Telangana praying to declare the action of the Respondent No.1 (i.e., TSPCB) in passing the impugned order NLG-96/TSPCB/TF/HO/2023-435, Dt.21.06.2023 directing the petitioner to deposit amount of Rs. Rs. 44,80,000/- towards

Environmental Compensation pending disposal of application O.A.No.97 of 2021 on the file of Hon'ble NGT as illegal and also praying to set aside the order dt.21.06.2023.

9. **WHEREAS**, the Hon'ble High Court passed an orders dt.08.08.2023 in W.P.No.17179 of 2023, the composite order dated 21.06.2023 issue to the industry by the Board is quashed and set aside and the operative portion of the order reads as under:

"For the afore-mentioned reasons, order dated 21.06.2023 passed by the Board cannot be sustained in the eye of law. Accordingly, it is quashed and set aside. The matter is remitted to the Board to consider the grounds taken by the petitioner in the explanation dated 02.06.2023. Needless to state that the Board shall also consider the fact that consent for operation was granted to the petitioner on 08.02.2023 as well as the fact that the petitioner was not a party to the order dated 17.01.2023 passed by National Green Tribunal in O.A.No.97 of 2021. The Board shall afford an opportunity of hearing to the petitioner and shall by a speaking order conclude the proceeding initiated in pursuance to show cause notice dated 22.05.2023. It is made clear that this Court has not expressed any opinion on merits of the matter."

10. **WERHEAS**, vide reference 7th cited, the Board received a complaint on twitter by Sri Panduchoppari@panduchoppari on 31.07.2023 regarding colored water stagnation in the Dothigudem area and also same complaint forwarded by the District Collector, Yadadri Bhuvanagiri District.

11. **WHEREAS**, vide reference 8th cited, the RO-Nalgonda officials inspected the industry and submitted report to the Board office on 01.08.2023 and the following observations were made:

1. The industry is in operation during inspection.

- The compliance status of the industry on the directions stipulated in the Extension of Temporary Revocation of Closure Order dt: 26.06.2023 is as follows:

Water Act:

S. No	Direction	Compliance
1	The industry shall comply with all conditions stipulated in the CFO&HWA order issued by the Board scrupulously.	Submitted.
2	The industry shall continue to segregate the effluents into HTDS and LTDS.	<ul style="list-style-type: none"> Not complied. The industry has provided Separate tanks for collection of HTDS and LTDS. During inspection observed that, they are collecting washings (HTDS) into MEE & ATFD condensate (LTDS) collection tank. This may decrease the efficiency of Biological ETP.
3	The industry shall regularly operate the New ZLD system for treatment of effluents. The HTDS effluents shall be treated in stripper, MEE and ATFD. The condensate & LTDS effluents shall be treated in Biological ETP followed RO system and treated effluents shall be reused in the plant. The RO rejects shall be sent to MEE for forced evaporation.	<ul style="list-style-type: none"> Not complied. During inspection observed that the colour of effluent in the aeration tanks is white in colour. Hence, the Biological ETP is not operating properly. No continuous fixed pipe line is existing between Bio ETP and RO system. The industry representative has informed that they are carrying centrifuge operations after aeration and then the remaining effluent is sending for filtration before RO system. But, no fixed pipe line system is existing for centrifuge at ZLD area. The industry is not maintaining proper records for flow meters and energy meters.

4	The industry shall install online TDS meter for HTDS effluent generation and connect the same to TSPCB server. (146)	<ul style="list-style-type: none"> • They provided online TDS meter for HTDS effluent. The same are connected to TSPCB Server. • Not maintaining log books for recording flow meter readings.
5	The industry shall provide first run off rain water & seepage collection pit with proper bypass arrangement for free flow of subsequent rain water (24 kL/acre). The collected contaminated rain water shall be pumped and stored in above ground level tank of adequate capacity and the same shall be treated within the premises or send to CETP for further treatment.	They provided rain water collection drains and provided above ground level tank of 310 KL for storage of rain water.
6	The industry shall not discharge any effluent/ leakages / spillages / seepages etc. within the premises and outside the industry premises under any circumstances.	Not Complied. Spillages were observed near production block-II.
7	The industry shall store drums containing raw material / in process goods / MLs /spent solvents / wastes etc., on the concrete platform under covered shed with dyke walls & proper leachate collection system and the industry shall not store drums openly on ground.	Complied.
8	The industry shall collect & store the hazardous waste in an elevated closed shed with impervious lining and leachate collection system. The industry shall dispose the Hazardous Waste regularly in accordance with the CFO&HW order and shall not store beyond 90 days.	The industry provided separate storage shed with acid proof tiles near Biological ETP area for hazardous waste. The ATFD salts are stored inside the shed.
9	The industry shall continuously operate the online monitoring system provided to the HTDS, LTDS & RO permeate as per the directions of CPCB and shall ensure continuous data transmission to the TSPCB server.	The industry has provided separate digital flow meter with totalizer for HTDS, LTDS, RO permeate, MEE feed and MEE condensate, online TDS meter for HTDS effluent and also provided steam flow meter to the inlet collection line of MEE and ATFD. They provided IP camera without PTZ feature for RO permeate value recording.
10	The industry shall connect the IP camera provided to the LTDS effluents digital flow meter to the TSPCB server.	They provided IP camera without PTZ feature for RO permeate value recording.
11	The industry shall provide PTZ (pan tilt zoom) cameras to focus the entire premises duly covering ZLD area, boiler stack and entire boundary of the plant.	Complied. They provided PTZ IP camera at ZLD area and Boiler stack area and at main gate.
12	The industry shall not use any flexible pipelines within the premises for transfer of effluents / wastewater. All the effluent conveying pipe lines shall be fixed.	Complied.

13	The industry shall not use effluents or any waste water in cooling towers and shall check the quality of the cooling circulation water regularly.	During inspection, No odour nuisance was observed in Cooling Towers. The Board Officials collected samples from cooling towers on 27.05.2023 to verify use of any effluents or waste water in cooling towers.
14	The industry shall maintain proper housekeeping within the premises.	<ul style="list-style-type: none"> Not complied During inspection, some renovation works are under progress. They not maintained good housekeeping near production block - II & in the dismantling block.
15	The industry shall extend the Bank Guarantee from time to time till further orders from the Board.	Directed to comply
16	The industry shall not carryout operations without valid revocation of closure orders. Failing which the Board will be constraint to take action against the industry.	The Board issued Temporary Revocation of closure Order to industry vide order dt. 26.06.2023 and same is valid upto 31.07.2023.

- Compliance of the industry on CFO schedule - B conditions: CFO Order No. 230524255692, dt.13.01.2023

S. No.	Condition	Compliance																																																																		
1	<p>The industry shall take steps to reduce water consumption to the extent possible and consumption shall NOT exceed the quantities prescribed below:</p> <table border="1"> <thead> <tr> <th>S. No</th> <th>Purpose</th> <th>Quantity in KLD</th> </tr> </thead> <tbody> <tr><td>1</td><td>Process</td><td>15.4</td></tr> <tr><td>2</td><td>Washings (reactor, containers, floor, etc)</td><td>2</td></tr> <tr><td>3</td><td>Boiler feed makeup (20% makeup)</td><td>16</td></tr> <tr><td>4</td><td>Cooling tower make up</td><td>9</td></tr> <tr><td>5</td><td>DM regeneration</td><td>1</td></tr> <tr><td>6.</td><td>Scrubber</td><td>1</td></tr> <tr><td>7</td><td>Q.C and R&D</td><td>0.8</td></tr> <tr><td>8</td><td>Domestic</td><td>4</td></tr> <tr><td>9</td><td>Gardening</td><td>10</td></tr> <tr><td colspan="2" style="text-align: center;">Total:</td><td>59.2 KLD</td></tr> </tbody> </table>	S. No	Purpose	Quantity in KLD	1	Process	15.4	2	Washings (reactor, containers, floor, etc)	2	3	Boiler feed makeup (20% makeup)	16	4	Cooling tower make up	9	5	DM regeneration	1	6.	Scrubber	1	7	Q.C and R&D	0.8	8	Domestic	4	9	Gardening	10	Total:		59.2 KLD	The industry is not maintaining proper records.																																	
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4	The industry shall not manufacture any un-consented products and exceeding capacities without obtaining prior Consent for Establishment (CFE) and Consent for Operation (CFO) of the Board.	The industry is not maintaining proper records. (148)
5	The industry shall comply with emission limits for DG sets upto 800 KW as per the Notification G.S.R.520 (E), dated 01.07.2003 under the Environment (Protection) Amendment Rules, 2003 and G.S.R.448(E), dated 12.07.2004 under the Environment (Protection) Second Amendment Rules, 2004. In case of DG sets more than 800 KW should comply with emission limits as per the Notification G.S.R.489 (E), dated 09.07.2002 at serial no.96, under the Environment (Protection) Act, 1986.	Complied.
6	The industry shall comply with ambient air quality standards of PM10(Particulate Matter size less than 10µm) - 100 µg/ m ³ ; PM2.5(Particulate Matter size less than 2.5 µm) - 60 µg/ m ³ ; SO ₂ - 80 µg/ m ³ ; NO _x - 80 µg/m ³ , NH ₃ - 400 µg/m ³ outside the factory premises at the periphery of the industry. Standards for other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009 Noise Levels: Day time (6 AM to 10 PM) - 75 dB (A) Night time (10 PM to 6 AM) - 70 dB (A).	--
7	The industry has paid CFO fee Rs. Rs.15,00,000/- upto 31.12.2027. The industry has to pay balance CFE differential fee of Rs. 4,50,000/-.	Complied. The industry has paid the balance CFE fee of Rs. 4,50,000/- on 13.01.2023 with UTR no UTIBR52023011300361829.
8	The industry either paying annual fee or total fee for Consented period, shall pay the balance fee as per the revised rates as applicable from time to time.	
9	The industry shall maintain separate water meters for recording water consumption for process, boiler feed, cooling and domestic purposes and also maintain daily records.	The industry has provided separate energy meter for ZLD system and scrubbing system.
10	The industry shall segregate effluents into LTDS & HTDS effluents separately.	Complied
11	The industry shall provide and maintain digital flow meters with totalisers (RS-485 communication) for recording the quantity of HTDS effluents, LTDS effluents & RO permeate and also maintain daily records. They shall connect the flow totaliser data to TSPCB & CPCB servers as per CPCB protocol.	The industry has provided separate digital flow meter with totalizer for HTDS, LTDS, RO permeate, MEE feed and MEE condensate and also provided steam flow meter to the inlet collection line of MEE and ATFD. But, the flow meter for MEE condensate is not in working condition. They provided IP camera without PTZ feature for RO permeate value recording.
12	The industry is permitted to send HTDS effluents to the MEE system of M/s. JETL, Jeedimetla for a period of maximum 15 days in a calendar year i.e. during maintenance / break down of Stripper, MEE & ATFD system and shall maintain records.	---

13	The industry shall provide and operate IP Camera with PAN, Zoom, 5x or above focal length, with night vision capability, at main gate entrance & at other gates where there is movement of effluent tankers, Solvent tankers, Chemical tankers, Hazardous Waste carrying vehicles & other material carrying vehicles. These cameras shall be connected to the website of TSPCB, with minimum backup of three months.	The industry has provided PTZ camera at main gate entrance & plant area and connected to TSPCB server.
14	The industry shall maintain vent condensers for chemical / solvent storage tanks to control fugitive emissions. They shall install vent condensers to the underground storage tanks.	The industry has provided vent condensers to Bulk solvent storage tanks.
15	The industry shall maintain separate water meters for recording water consumption for process, boiler feed, cooling and domestic purposes and also maintain daily records.	The industry has provided flow meter for total water consumption i.e., outlet of bore well. But, not provided separate flow meters for individual consumption of water in the units of plant i.e., Boiler, cooling towers, process, washings etc.,
16	The industry shall operate multi stage scrubber along with online pH monitoring system for control of process emissions. They shall maintain log book for operation of scrubber for monitoring active scrubbing media.	They provided 2 stage scrubber followed by sub cooler condenser followed by activated charcoal bed for production block - I. They provided 2 stage Scrubber for production Block - II & III, but, not provided sub cooler condenser followed by activated charcoal bed. They not provided pH meters for scrubbers.
17	The industry shall monitor VOCs in ambient air with online VOC analyzer & connect the data to TSPCB server.	The industry has provided Online VOC meter and same is connected to TSPCB Server.
18	The industry shall maintain elevated platform with leachate/spillages collection pit to store drums containing chemicals & wastes to control spillages / discharges of chemicals / effluents on ground.	The industry provided closed shed with impervious lining and platform with dyke wall.
19	The industry shall maintain IP camera with PAN, TILT Zoom, 5x or above focal length, with night vision capability at effluent collection system (HTDS & LTDS) and RO permeate as per CPCB norms. They shall connect the data to CPCB & TSPCB server.	They provided IP camera without PTZ feature for RO permeate value recording
20	The industry shall install additional PTZ (Pan Tilt Zoom) cameras at suitable locations to ensure proper coverage of emissions/ discharge points and other vulnerable areas covering entire operations of the industry.	The industry has provided PTZ IP camera at ZLD area and Main gate entrance area and connected to TSPCB server. The industry has provided 1 PTZ IP camera inside the ZLD shed. But, this may not cover whole ZLD system.
21	The industry shall maintain online TDS meter for HTDS effluent generation and connect the same to TSPCB server. They shall maintain the records for effluent generation, TDS values, salts generation on daily basis.	Not complied.
22	The industry shall maintain hood with extraction systems to the HTDS collection tanks and connect to the scrubbers to control the odor problem.	Complied.

23	The industry shall develop greenbelt as per norms. (150)	The industry has made plantation in an area of 4.2 Acres.
24	The industry shall install sub cooler condensers system followed by activated charcoal bed so as to arrest the VOCs from the scrubber attached to ATFD.	They provided scrubber followed by sub cooler condenser followed by another scrubber and outlet is connected to activated charcoal bed for MEE system. They provided pH meter for the scrubber.
25	The industry shall install the sub cooler condensers system followed by activated charcoal bed to the vents of scrubbing systems so as to arrest the VOCs.	Complied.
26	All the process and vacuum leak sources shall be collected through fume extraction system connected to a Cryogenic condensation followed by activated charcoal bed to control air pollution.	Complied.
27	The industry shall maintain records on source of starting raw material / Intermediates for each product-wise and the consolidated records shall be submitted to R.O., Nalgonda every month along with invoice copies of the starting raw materials outsourced.	Not complied.
28	The industry shall provide adequate closed storage facilities above the ground with proper lining for storage of effluents before its treatment.	Complied.
29	The industry shall not use effluents in cooling towers under any circumstances.	No odour nuisance was observed at cooling towers.
30	The industry shall not discharge any effluents onland within or outside the plant premises.	No discharge of effluent within the industry. But, effluent spillages were observed near production block-II.
31	The industry shall maintain storm water drains to avoid mixing of effluent/spillages with run-off water during rains. The industry shall collect contaminated rain water and shall dispose the same to CETP, after conforming to the influent standards of CETP duly maintain separate records.	They provided rain water collection drains and provided above ground level tank for storage of rain water.
32	The industry shall provide sufficient storage collection tank to ensure the collection of first run off rain water.	They provided rain water collection drains and provided above ground level tank of 310 KL for storage of rain water.
33	The industry shall provide arrangement to bypass the rain water collection tank of first run off rain water for subsequent water flow.	Complied.
34	The industry shall take measures to prevent the seepages such as cement concrete flooring with proper collection system to collect contaminants / spillages in the relevant areas in the industry premises and avoid seepages outside the industry premises.	Not complied. Spillages are observed.
35	The industry shall carry out Leak Detection and Repair Study (LDAR) to access the solvent losses and based on the study the industry shall take necessary steps to arrest the solvent losses and reduce VOCs in the premises.	<ul style="list-style-type: none"> • Not complied. • The industry has conducted Leak Detection and Repair Study in the Month of February'2022.
36	The industry shall provide and maintain separate energy meters for recording energy consumption for air pollution control equipments and maintain record for daily energy consumption.	Complied.

37	The evaporation losses in solvents shall be controlled by taking all preventive measures such as circulation of Chilled brine, transfer of solvents by using pumps instead of manual handling, closed centrifuges, providing primary & secondary condensers to all the reactor vents and all the solvent storage tanks and keeping solvent storage in ground storage tanks with closed pipeline to Reactors.	Complied.
38	The industry shall operate Solvent Recovery Plant in the plant. Solvents shall be recovered to the maximum extent possible and shall be reused. The industry shall submit status of efficiency of Solvent Recovery Plant to the concerned Regional Officer. The industry shall not dispose spent solvents / mixed spent solvents to recyclers.	The industry is not having solvent recovery plant. Recovering the solvents by simple distillation in the reactors and reusing. The solvent recovery system (SRS) column is observed within the plant and SRS system construction has not completed.
39	The industry shall provide and maintain Stack Monitoring facility as per Emission Regulation part-3 (ERP-3) norms for all the major stacks of the industry.	Complied.
40	The industry shall ensure that the Port hole and ladder facility for the Stacks is safe to carry out Stack monitoring. In place of monkey ladder, spiral type/scaffold ladder shall be provided to ensure safety of monitoring personnel.	Complied.
41	The industry shall ensure that there shall not be any change in process technology and scope of working without prior approval from the Board	---
42	(a) The industry shall maintain the following records and the same shall be made available to the Board Officials during the inspection. i) Daily production details. ii) Quantity of Effluents generated and reused. iii) Log Books for pollution control systems. iv) Daily solid waste generated and disposed (b) The industry shall submit consolidated statement of the above on monthly basis to the Concerned Regional Office.	Not complied.
43	As per G.O.Rt.No.286, the industry shall transport the industrial effluents and plying on the roads is allowed between 6 A.M. to 6 P.M. only	---
44	The industry shall comply with Task Force directions issued by the Board from time to time	Submitted.
45	The applicant shall submit Environment statement in Form V to the Regional office before 30th September of every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof	Directed to comply.
46	The conditions stipulated in this order are without any prejudice to rights and contentions of this Board in any Hon'ble court of Law	---

Remarks:

1. M/s. Chemic Life Sciences (P) Ltd. Is located at Sy No. 238 & 239, Dhotigudem (V), Pochampally (M), Yadadri Bhuvanagiri District and engaged in manufacturing of Drug Intermediates.
2. The industry has obtained CFE (Expansion) of the Board vide order dt.07.06.2021.

3. Subsequently, the industry has CFO & HWA (renewal) of the Board vide order dated 02.05.2023 with validity up to 30.04.2028. (152)
4. Details of treatment systems provided for effluent treatment is as below:
1. The total water consumption is 399.7 KLD. The industry has provided flow meter for total water consumption i.e., outlet of bore well. The industry generates HTDS effluents - 51.1 KLD and LTDS effluents - 29.5 KLD.
 2. The industry has installed ZLD system consisting of Stripper- 75 KLD, MEE - 75 KLD, ATFD - 25 KLD, Biological ETP - 100 KLD and RO plant - 100 KLD. Biological ETP (100 KLD) consists of coagulation, flocculation, 2 Nos. of tube settlers and 2 Nos. of aeration tanks (75 KL capacity each)) and RO (100 KLD).
 3. During inspection observed that the colour of effluent in the aeration tanks is white in colour. Hence, the Biological ETP is not operating properly. No continuous fixed pipe line is existing between Bio ETP and RO system. The industry representative has informed that they are carrying centrifuge operations after aeration and then the remaining effluent is sending for filtration before RO system. But, no fixed pipe line system is existing for centrifuge at ZLD area.
 4. The industry has provided Separate tanks for collection of HTDS and LTDS. But, During inspection observed that, they are collecting washings (HTDS) into MEE & ATFD condensate (LTDS) collection tank. This may decrease the efficiency of Biological ETP.
 5. The industry has provided separate digital flow meter with totalizer for HTDS, LTDS, RO permeate, MEE feed and MEE condensate, online TDS meter for HTDS effluent and also provided steam flow meter to the inlet collection line of MEE and ATFD. They provided IP camera without PTZ feature for RO permeate value recording. The industry is not maintaining proper records for flow meters and energy meters.
 6. They provided scrubber followed by sub cooler condenser followed by another scrubber and outlet is connected to activated charcoal bed for MEE system. They provided pH meter for the scrubber.
 7. The industry has provided 2 x 60 KL tanks for HTDS collection cum storage tanks, 1 x 60 KL tank for LTDS and 1 x 60 KL tank for RO permeate storage purpose. The industry has connected HTDS collection tanks vent to the scrubber.
 8. The industry has provided 1 PTZ IP camera in the ZLD area and the industry representative has informed that they connected the same to TSPCB Server.
 9. They provided rain water collection drains and provided above ground level tank of 310 KL for storage of rain water.
5. Details of treatment systems provided for process emissions from production blocks is as below:
- i. The industry is having 4 Nos. of production blocks. In which, one production is under dismantling stage.
 - ii. They provided 2 Nos. of ANFDs for production block - I, 1 No of ANFD installed and another 2 Nos. are under installation in production block - III and provided centrifuge system in production Block - II.
 - iii. They provided separate fume extraction hoods at reactor openings at production block - I to avoid process emissions.
 - iv. They provided 2 stage scrubber followed by sub cooler condenser followed by activated charcoal bed for production block - I. They provided scrubber followed by sub cooler condenser followed by another scrubber and outlet is connected to activated charcoal bed for production Block - II & III.
 - v. During inspection, 2 cooling towers are in operation and no odour nuisance was observed near cooling towers.
 - vi. They provided acid proof tiles lining for production block - I and in some area of production block - III. But, not provided acid proof tiles lining for production block -II.

- vii. During inspection, Production block - I & III is in operation and perceptible odour nuisance was observed from the production block - II. They not maintained good house keeping near production block - II & in the dismantling block. Spillages were observed near production block - II.
- viii. During inspection observed that additional scrubbers in production block - II are under installation stage.
- ix. The solvent recovery system (SRS) column is observed within the plant and SRS system construction has not completed.
6. Details of treatment systems provided for fugitive emissions sources is as below:
- The industry has installed 4.5 TPH coal fired Boiler and provided MDC as APCE and also installed 6 TPH coal fired boiler and provided cyclone dust collector followed by bag filter as APCE. They provided separate energy meters for APCE.
 - They also installed 1x 2 Lakh K.cal/hr (Coal Fired) Thermic fluid heater and provided Mechanical dust collector as APCE and connected to common stack of 4.5 TPH Boiler and also provided 1x 5 Lakh K.cal/hr (Electric) Thermic fluid heater and 1 x 125 KVA, 1x360 KVA & 1x500 KVA DG sets with acoustic enclosures.
7. The industry has provided closed shed for storage of Hazardous waste storage and provided acid proof tiles as floor lining.
8. The industry has provided IP camera at ZLD area and Main gate entrance area and connected to TSPCB server.
9. The Board has collected water samples from cooling towers on 27.05.2023 to verify any use of untreated effluent/ wastewater in cooling towers and The parameter values as per the analysis reports are given below:

Parameter	Cooling tower attached to Production Block - 2	Cooling tower attached to Production Block & MEE
pH	6.78	7.12
TSS	38	35
TDS	750	1560
COD	240	220

Note: All values are in mg/L, except pH

12. **WHEREAS**, vide reference 9th cited, you were given an opportunity for hearing before the Task Force Committee of the Board during the meeting held on 07.08.2023. The industry representative and RO-Nalgonda have attended the meeting. After detailed discussions, the Committee recommended to inspect the industries by Task Force Committee.
13. **WHEREAS**, vide reference 10th cited, the Task Force Committee inspected the industries on 10th & 11th of August, 2023 and the following observations were made:
- The industry was in operation during inspection.
 - The industry has provided ZLD system consisting of Stripper, MEE, ATFD, Biological ETP and RO plant. Biological ETP consists of coagulation, flocculation, 2 Nos. of tube settlers and 2 Nos. of aeration tanks and RO.
 - During inspection observed that the colour of effluent in the aeration tanks is white colour which indicates no biological culture / bacteria is developed in aeration tank. Hence, the Biological ETP is not functioning. No continuous fixed pipe line is existing between Bio ETP and RO system. The RO system is not functioning.
 - The industry has provided Separate tanks for collection of HTDS and LTDS. But, During inspection observed that, they are collecting washings (HTDS) into MEE & ATFD condensate (LTDS) collection tank. This may decrease the efficiency of Biological ETP.
 - During the inspection, it was observed that, the RO is not in operational condition.
 - During the inspection it was observed that, BPR's are not available at production block-I which indicates they are not maintaining any records for raw materials and products.

7. The Biological ETP was not in operational condition as aeration tank is not stabilised with bio-culture.
8. The industry has provided drums storage yard, however drums were observed on naked ground near the production block-II.
9. The industry has to do energy audit in the premises as no proper insulation for steam carrying pipes.
10. The industry has not provided leachate collection pit at the effluent collection tanks area.
11. The industry has provided 2 x 60 KL tanks for HTDS collection cum storage tanks, 1 x 60 KL tank for LTDS and 1 x 60 KL tank for RO permeate storage purpose. The industry has connected HTDS collection tanks vent to the scrubber.
12. The compliance status of the industry on the Non-Compliances reported in the TF meeting dt.07.08.2023 agenda (as per report of RTF team):

S. No	Direction	Compliance
1	The house keeping of the industry at ATFD has to be improved.	Improved.
2	The odour was observed within the industry premises and it may carry outside the premises during the wind flow.	Odour was observed near MEE area.

13. The compliance status of the industry on the Non-Compliances reported in the TF meeting dt.07.08.2023 agenda (as per RO report):

3	During inspection observed that the colour of effluent in the aeration tanks is white. Hence, the Biological ETP is not operating properly. No continuous fixed pipe line is existing between Bio ETP and RO system. The industry representative has informed that they are carrying centrifuge operations after aeration and then the remaining effluent is sending for filtration before RO system. But, no fixed pipe line system is existing for centrifuge at ZLD area.	Not complied The industry has provided aeration tanks for Biological ETP. No biological culture / bacteria (MLSS) is developed in aeration tank. Hence, the industry is not operating the Biological ETP effectively as aeration tank is not in stabilized condition with proper bio-culture.
4	The industry has provided Separate tanks for collection of HTDS and LTDS. But, During inspection observed that, they are collecting washings (HTDS) into MEE & ATFD condensate (LTDS) collection tank. This may decrease the efficiency of Biological ETP.	Not complied
6	Spillages were observed near production block-II. During inspection, some renovation works are under progress. They not maintained good housekeeping near production block - II & in the dismantling block.	Spillages are arrested. Housekeeping is improved near production block-II. (During the inspection, production block-II is not in operation).
7	The industry has not provided odour suppressant mist spray / PIION system.	Not complied
8	The industry has not submitted the latest LDAR study report.	Not complied
9	The industry has provided 1 PTZ IP camera inside the ZLD shed. But, this may not cover whole ZLD system.	IP camera is shifted to another location to cover the ZLD system.
10	The industry has not provided online TDS meter for HTDS effluent generation.	Provided Photo enclosed.
11	The industry has not maintaining the records pertaining to production, quantity of effluent generation & re-used, log books for pollution control systems and hazardous waste generation and disposal.	Not maintaining the records for raw material and products.

(155)

14. **WHEREAS**, vide reference 11th cited, you were given an opportunity for hearing before the Task Force Committee of the Board during the meeting held on 28.08.2023. The Complainants & industry representatives (Virtually), RO-Nalgonda have attended the meeting. After detailed discussions, the Committee recommended to issue Extension of Temporary Revocation of Closure Orders for a period upto 31.10.2023 and also recommended to forfeit the Bank Guarantee of Rs.12.0 Lakhs with certain directions.
15. **WHEREAS**, after careful consideration of the material facts of the case, **the Board hereby issue Extension of Temporary Revocation of Closure Order to your industry for a period upto 31.10.2023 with the following directions to comply with:**
1. The industry shall comply with all conditions stipulated in the CFO&HWA order issued by the Board scrupulously.
 2. The industry shall comply with all the conditions stipulated in the Extension of Temporary Revocation of Closure Order dated: 26.06.2023.
 3. The industry shall pay the Environmental Compensation (EC) of Rs.44,80,000/- as per the Hon'ble NGT Orders vide order dated:21.06.2023, you are hereby directed to deposit an amount of Rs.44,80,000/- (Rupees Forty Four Lakhs Eighty Thousand Only) towards Environmental Compensation. The amount shall be deposited by way of D.D drawn in favour of "Member Secretary, T.S Pollution Control Board" payable at Hyderabad.
 4. The industry shall continuously operate ZLD system so as to treat all the effluent and shall reuse all the treated effluent for plant needs and shall maintain the records.
 5. The industry shall maintain adequate bio-culture / MLSS in the aeration tank to operate biological ETP effectively thereby reduce load on the RO.
 6. The industry shall provide/maintain operate digital flow meters with IP cameras to ZLD system & provide/ maintain IP camera at main gate entrance. The industry shall provide / maintain PTZ camera to cover ZLD & boiler area. All the cameras shall be connected to the TSPCB Server.
 7. The industry shall provide first runoff of rainwater & seepage collection pit with proper bypass arrangement for free flow of subsequent rain water (24 kL/acre). The collected contaminated rain water shall be pumped and stored in above ground level tank of adequate capacity and the same shall be treated within the premises or send to CETP for further treatment and disposal.
 8. The industry shall provide digital flow meter for the first run off water and shall treat in their ZLD / dispose to CETP for further treatment.
 9. The industry shall submit a fresh Bank Guarantee of Rs.12.0 Lakhs towards compliance of the above directions in favour of the Member Secretary, TSPCB, Hyderabad for a period of one year at concerned Regional office within in a week.
 10. The industry shall recoup the Bank Guarantee of Rs.12.0 Lakhs towards Bank Guarantee forfeited to the Board from time to time before its expiry, till further orders of the Board
 11. The industry shall not carryout operations without valid revocation of closure orders. Failing which the Board will be constraint to take action against the industry.
16. **WHEREAS**, the TSSPDCL., Ltd., has been directed to restore the power supply to your industry for a period upto 31.10.2023.
17. These orders are issued under Section 33(A) of Water (Prevention and Control of Pollution) Act, 1974 (as amended by Act 53 of 1988).

18. You are hereby directed to note that, should you misuse these orders to operate the unit violating any of the conditions mentioned above, your unit will be closed under Section 33(A) of Water (Prevention and Control of Pollution) Act, 1974 (as amended by Act 53 of 1988) without any further notice to you and you will also be liable for prosecution in the court of Metropolitan Magistrate or Judicial Magistrate of the first class under section 41(2) of Water (Prevention and Control of Pollution) Act, 1974 (as amended by Act 53 of 1988), the punishment for which include imprisonment for a term which shall not be less than one year six months and which may be extended to six years with fine.

156

Sd/-
MEMBER SECRETARY

To
M/s. Chemic Life Sciences Pvt. Ltd.,
Sy.No.238 & 239, Dhotigudem (V), Pochampally (M),
Yadadri Bhuvanagiri District

Copy to:

1. The JCEE., Z.O., R.C.Puram for information and necessary action.
2. The Environmental Engineer, Regional Office, Nalgonda for information necessary action. The RO is directed coordinate with the Task Force Committee Members to inspect the industry after four weeks to verify the compliances status of the industry.
3. Concerned file.

P. Prasadanna
//T.C.F.B.O//
Senior Environmental Engineer
(Task Force - UH-IV)

This Order has the Digital Approval by the Member Secretary.



TELANGANA STATE POLLUTION CONTROL BOARD
PARYAVARAN BHAVAN, A - 3, INDUSTRIAL ESTATE,
SANATHNAGAR, HYDERABAD - 500 018.

Phone: 23887500
Fax: 040 - 23815631
Website: tspcb.cgg.gov.in

BY REGD. POST WITH ACK. DUE

ORDERS ISSUED UNDER WATER (P&CP) AMENDMENT ACT, 1988

Order No.NLG-50/TSPCB/TF/HO/2023-

745
157

Date:13.09.2023

DESPATCH NO:
DATE: 14 SEP 2023

Sub: TSPCB - M/s. Chemic Life Sciences Pvt. Ltd., Sy.No.238 & 239, Dhotigudem (V), Pochampally (M), Yadadri Bhuvanagiri District - Water (Prevention and Control of Pollution) Act, 1974 (as amended by Act 53 of 1988) - **Extension of Temporary Revocation of Closure Order for a period up to 31.10.2023 - Orders Issued** - Reg.

* * * * *

- Ref :**
1. CFO & HWA Order dt.02.05.2023, valid up to 30.04.2028.
 2. Closure Order No.NLG-50/TSPCB/TF/HO/2017-, dt.02.03.2022.
 3. Temporary Revocation of Closure Order No.NLG-47/TSPCB/TF/HO/2016, Dt: 27.04.2022.
 4. The Hon'ble NGT, Chennai has issued directions vide Order dated: 17.01.2023.
 5. The Board issued additional directions on 21.06.2023 for Levying of Environmental Compensation.
 6. Extension of Temporary Revocation of Closure Order issued on 26.06.2023 for a period up to 31.07.2023.
 7. The Board received a complaint on twitter by Sri Panduchoppari@panduchoppari on 31.07.2023 and also same complaint forwarded by the District Collector, Yadadri Bhuvanagiri District.
 8. The RO-Nalgonda Officials report dated 01.08.2023.
 9. The Hon'ble High Court passed an orders dt.08.08.2023 in W.P.No.17179 of 2023.
 10. Hearing held on 07.08.2023.
 11. The Task Force Committee Members inspected the industry on 10.08.2023 & 11.08.2023.
 12. Hearing held on 28.08.2023.

1. **WHEREAS**, you are operating the industry located at Sy.No.238 & 239, Dhotigudem (V), Pochampally (M), Yadadri Bhuvanagiri District is manufacturing Drug intermediates.
2. **WHEREAS**, vide reference 1st cited, the Board issued CFO&HWA vide order dt:02.05.2023, which is valid up to 30.04.2028.
3. **WHEREAS**, vide reference 2nd cited, the Board issued Closure order to the industry on 02.03.2022 for non compliance of the Board directions / Consent conditions and causing pollution in the surrounding area.
4. **WERHEAS**, vide reference 3rd cited, the Board issued Temporary Revocation of Closure Order to industry on 27.04.2022 for a period of Three months with certain directions to comply.
5. **WHEREAS**, vide reference 4th cited, the Hon'ble NGT, Chennai vide Order dated: 17.01.2023 directed the TSPCB to furnish the compliance report on water & soil analysis.
6. **WERHEAS**, vide reference 5th cited, the Board issued additional directions to the industry on 21.06.2023 for Levying of Environmental Compensation (EC).
7. **WERHEAS**, vide reference 6th cited, the Board issued Extension of Temporary Revocation of Closure Order to the industry on 26.06.2023 for a period up to 31.07.2023.
8. **WERHEAS**, the industry has filed a WP No. 19239 of 2023 in Hon'ble High Court of Telangana praying to declare the action of the Respondent No.1 (i.e., TSPCB) in passing the impugned order NLG-96/TSPCB/TF/HO/2023-435, Dt.21.06.2023 directing the petitioner to deposit amount of Rs. Rs. 44,80,000/- towards

Environmental Compensation pending disposal of application O.A.No.97 of 2021 on the file of Hon'ble NGT as illegal and also praying to set aside the order dt.21.06.2023.

9. **WHEREAS**, the Hon'ble High Court passed an orders dt.08.08.2023 in W.P.No.17179 of 2023, the composite order dated 21.06.2023 issue to the industry by the Board is quashed and set aside and the operative portion of the order reads as under:

"For the afore-mentioned reasons, order dated 21.06.2023 passed by the Board cannot be sustained in the eye of law. Accordingly, it is quashed and set aside. The matter is remitted to the Board to consider the grounds taken by the petitioner in the explanation dated 02.06.2023. Needless to state that the Board shall also consider the fact that consent for operation was granted to the petitioner on 08.02.2023 as well as the fact that the petitioner was not a party to the order dated 17.01.2023 passed by National Green Tribunal in O.A.No.97 of 2021. The Board shall afford an opportunity of hearing to the petitioner and shall by a speaking order conclude the proceeding initiated in pursuance to show cause notice dated 22.05.2023. It is made clear that this Court has not expressed any opinion on merits of the matter."

10. **WERHEAS**, vide reference 7th cited, the Board received a complaint on twitter by Sri Panduchoppari@panduchoppari on 31.07.2023 regarding colored water stagnation in the Dothigudem area and also same complaint forwarded by the District Collector, Yadadri Bhuvanagiri District.

11. **WHEREAS**, vide reference 8th cited, the RO-Nalgonda officials inspected the industry and submitted report to the Board office on 01.08.2023 and the following observations were made:

1. The industry is in operation during inspection.
 - The compliance status of the industry on the directions stipulated in the Extension of Temporary Revocation of Closure Order dt: 26.06.2023 is as follows:

Water Act:

S. No	Direction	Compliance
1	The industry shall comply with all conditions stipulated in the CFO&HWA order issued by the Board scrupulously.	Submitted.
2	The industry shall continue to segregate the effluents into HTDS and LTDS.	<ul style="list-style-type: none"> • Not complied. • The industry has provided Separate tanks for collection of HTDS and LTDS. • During inspection observed that, they are collecting washings (HTDS) into MEE & ATFD condensate (LTDS) collection tank. This may decrease the efficiency of Biological ETP.
3	The industry shall regularly operate the New ZLD system for treatment of effluents. The HTDS effluents shall be treated in stripper, MEE and ATFD. The condensate & LTDS effluents shall be treated in Biological ETP followed RO system and treated effluents shall be reused in the plant. The RO rejects shall be sent to MEE for forced evaporation.	<ul style="list-style-type: none"> • Not complied. • During inspection observed that the colour of effluent in the aeration tanks is white in colour. Hence, the Biological ETP is not operating properly. • No continuous fixed pipe line is existing between Bio ETP and RO system. • The industry representative has informed that they are carrying centrifuge operations after aeration and then the remaining effluent is sending for filtration before RO system. But, no fixed pipe line system is existing for centrifuge at ZLD area. • The industry is not maintaining proper records for flow meters and energy meters.

4	The industry shall install online TDS meter for HTDS effluent generation and connect the same to TSPCB server. (159)	<ul style="list-style-type: none"> • They provided online TDS meter for HTDS effluent. The same are connected to TSPCB Server. • Not maintaining log books for recording flow meter readings.
5	The industry shall provide first run off rain water & seepage collection pit with proper bypass arrangement for free flow of subsequent rain water (24 kL/acre). The collected contaminated rain water shall be pumped and stored in above ground level tank of adequate capacity and the same shall be treated within the premises or send to CETP for further treatment.	They provided rain water collection drains and provided above ground level tank of 310 KL for storage of rain water.
6	The industry shall not discharge any effluent/ leakages / spillages / seepages etc. within the premises and outside the industry premises under any circumstances.	Not Complied. Spillages were observed near production block-II.
7	The industry shall store drums containing raw material / in process goods / MLs / spent solvents / wastes etc., on the concrete platform under covered shed with dyke walls & proper leachate collection system and the industry shall not store drums openly on ground.	Complied.
8	The industry shall collect & store the hazardous waste in an elevated closed shed with impervious lining and leachate collection system. The industry shall dispose the Hazardous Waste regularly in accordance with the CFO&HW order and shall not store beyond 90 days.	The industry provided separate storage shed with acid proof tiles near Biological ETP area for hazardous waste. The ATFD salts are stored inside the shed.
9	The industry shall continuously operate the online monitoring system provided to the HTDS, LTDS & RO permeate as per the directions of CPCB and shall ensure continuous data transmission to the TSPCB server.	The industry has provided separate digital flow meter with totalizer for HTDS, LTDS, RO permeate, MEE feed and MEE condensate, online TDS meter for HTDS effluent and also provided steam flow meter to the inlet collection line of MEE and ATFD. They provided IP camera without PTZ feature for RO permeate value recording.
10	The industry shall connect the IP camera provided to the LTDS effluents digital flow meter to the TSPCB server.	They provided IP camera without PTZ feature for RO permeate value recording.
11	The industry shall provide PTZ (pan tilt zoom) cameras to focus the entire premises duly covering ZLD area, boiler stack and entire boundary of the plant.	Complied. They provided PTZ IP camera at ZLD area and Boiler stack area and at main gate.
12	The industry shall not use any flexible pipelines within the premises for transfer of effluents / wastewater. All the effluent conveying pipe lines shall be fixed.	Complied.

13	The industry shall not use effluents or any waste water in cooling towers and shall check the quality of the cooling circulation water regularly.	During inspection, No odour nuisance was observed in Cooling Towers. The Board Officials collected samples from cooling towers on 27.05.2023 to verify use of any effluents or waste water in cooling towers.
14	The industry shall maintain proper housekeeping within the premises.	<ul style="list-style-type: none"> Not complied During inspection, some renovation works are under progress. They not maintained good housekeeping near production block - II & in the dismantling block.
15	The industry shall extend the Bank Guarantee from time to time till further orders from the Board.	Directed to comply
16	The industry shall not carryout operations without valid revocation of closure orders. Failing which the Board will be constraint to take action against the industry.	The Board issued Temporary Revocation of closure Order to industry vide order dt. 26.06.2023 and same is valid upto 31.07.2023.

- Compliance of the industry on CFO schedule - B conditions: CFO Order No. 230524255692, dt.13.01.2023

S. No.	Condition	Compliance																																																															
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4	The industry shall not manufacture any un-consented products and exceeding capacities without obtaining prior Consent for Establishment (CFE) and Consent for Operation (CFO) of the Board.	The industry is not maintaining proper records. (161)
5	The industry shall comply with emission limits for DG sets upto 800 KW as per the Notification G.S.R.520 (E), dated 01.07.2003 under the Environment (Protection) Amendment Rules, 2003 and G.S.R.448(E), dated 12.07.2004 under the Environment (Protection) Second Amendment Rules, 2004. In case of DG sets more than 800 KW should comply with emission limits as per the Notification G.S.R.489 (E), dated 09.07.2002 at serial no.96, under the Environment (Protection) Act, 1986.	Complied.
6	The industry shall comply with ambient air quality standards of PM10(Particulate Matter size less than 10µm) - 100 µg/ m ³ ; PM2.5(Particulate Matter size less than 2.5 µm) - 60 µg/ m ³ ; SO ₂ - 80 µg/ m ³ ; NO _x - 80 µg/m ³ , NH ₃ - 400 µg/m ³ outside the factory premises at the periphery of the industry. Standards for other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009 Noise Levels: Day time (6 AM to 10 PM) - 75 dB (A) Night time (10 PM to 6 AM) - 70 dB (A).	--
7	The industry has paid CFO fee Rs. Rs.15,00,000/- upto 31.12.2027. The industry has to pay balance CFE differential fee of Rs. 4,50,000/-.	Complied. The industry has paid the balance CFE fee of Rs. 4,50,000/- on 13.01.2023 with UTR no UTIBR52023011300361829.
8	The industry either paying annual fee or total fee for Consented period, shall pay the balance fee as per the revised rates as applicable from time to time.	
9	The industry shall maintain separate water meters for recording water consumption for process, boiler feed, cooling and domestic purposes and also maintain daily records.	The industry has provided separate energy meter for ZLD system and scrubbing system.
10	The industry shall segregate effluents into LTDS & HTDS effluents separately.	Complied
11	The industry shall provide and maintain digital flow meters with totalisers (RS-485 communication) for recording the quantity of HTDS effluents, LTDS effluents & RO permeate and also maintain daily records. They shall connect the flow totaliser data to TSPCB & CPCB servers as per CPCB protocol.	The industry has provided separate digital flow meter with totalizer for HTDS, LTDS, RO permeate, MEE feed and MEE condensate and also provided steam flow meter to the inlet collection line of MEE and ATFD. But, the flow meter for MEE condensate is not in working condition. They provided IP camera without PTZ feature for RO permeate value recording.
12	The industry is permitted to send HTDS effluents to the MEE system of M/s. JETL, Jeedimetla for a period of maximum 15 days in a calendar year i.e. during maintenance / break down of Stripper, MEE & ATFD system and shall maintain records.	---

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13	The industry shall provide and operate IP Camera with PAN, Zoom, 5x or above focal length, with night vision capability, at main gate entrance & at other gates where there is movement of effluent tankers, Solvent tankers, Chemical tankers, Hazardous Waste carrying vehicles & other material carrying vehicles. These cameras shall be connected to the website of TSPCB, with minimum backup of three months.	The industry has provided PTZ camera at main gate entrance & plant area and connected to TSPCB server.
14	The industry shall maintain vent condensers for chemical / solvent storage tanks to control fugitive emissions. They shall install vent condensers to the underground storage tanks.	The industry has provided vent condensers to Bulk solvent storage tanks.
15	The industry shall maintain separate water meters for recording water consumption for process, boiler feed, cooling and domestic purposes and also maintain daily records.	The industry has provided flow meter for total water consumption i.e., outlet of bore well. But, not provided separate flow meters for individual consumption of water in the units of plant i.e., Boiler, cooling towers, process, washings etc.,
16	The industry shall operate multi stage scrubber along with online pH monitoring system for control of process emissions. They shall maintain log book for operation of scrubber for monitoring active scrubbing media.	They provided 2 stage scrubber followed by sub cooler condenser followed by activated charcoal bed for production block - I. They provided 2 stage Scrubber for production Block - II & III, but, not provided sub cooler condenser followed by activated charcoal bed. They not provided pH meters for scrubbers.
17	The industry shall monitor VOCs in ambient air with online VOC analyzer & connect the data to TSPCB server.	The industry has provided Online VOC meter and same is connected to TSPCB Server.
18	The industry shall maintain elevated platform with leachate/spillages collection pit to store drums containing chemicals & wastes to control spillages / discharges of chemicals / effluents on ground.	The industry provided closed shed with impervious lining and platform with dyke wall.
19	The industry shall maintain IP camera with PAN, TILT Zoom, 5x or above focal length, with night vision capability at effluent collection system (HTDS & LTDS) and RO permeate as per CPCB norms. They shall connect the data to CPCB & TSPCB server.	They provided IP camera without PTZ feature for RO permeate value recording
20	The industry shall install additional PTZ (Pan Tilt Zoom) cameras at suitable locations to ensure proper coverage of emissions/ discharge points and other vulnerable areas covering entire operations of the industry.	The industry has provided PTZ IP camera at ZLD area and Main gate entrance area and connected to TSPCB server. The industry has provided 1 PTZ IP camera inside the ZLD shed. But, this may not cover whole ZLD system.
21	The industry shall maintain online TDS meter for HTDS effluent generation and connect the same to TSPCB server. They shall maintain the records for effluent generation, TDS values, salts generation on daily basis.	Not complied.
22	The industry shall maintain hood with extraction systems to the HTDS collection tanks and connect to the scrubbers to control the odor problem.	Complied.

23	The industry shall develop greenbelt as per norms. (163)	The industry has made plantation in an area of 4.2 Acres.
24	The industry shall install sub cooler condensers system followed by activated charcoal bed so as to arrest the VOCs from the scrubber attached to ATFD.	They provided scrubber followed by sub cooler condenser followed by another scrubber and outlet is connected to activated charcoal bed for MEE system. They provided pH meter for the scrubber.
25	The industry shall install the sub cooler condensers system followed by activated charcoal bed to the vents of scrubbing systems so as to arrest the VOCs.	Complied.
26	All the process and vacuum leak sources shall be collected through fume extraction system connected to a Cryogenic condensation followed by activated charcoal bed to control air pollution.	Complied.
27	The industry shall maintain records on source of starting raw material / Intermediates for each product-wise and the consolidated records shall be submitted to R.O., Nalgonda every month along with invoice copies of the starting raw materials outsourced.	Not complied.
28	The industry shall provide adequate closed storage facilities above the ground with proper lining for storage of effluents before its treatment.	Complied.
29	The industry shall not use effluents in cooling towers under any circumstances.	No odour nuisance was observed at cooling towers.
30	The industry shall not discharge any effluents onland within or outside the plant premises.	No discharge of effluent within the industry. But, effluent spillages were observed near production block-II.
31	The industry shall maintain storm water drains to avoid mixing of effluent/spillages with run-off water during rains. The industry shall collect contaminated rain water and shall dispose the same to CETP, after conforming to the influent standards of CETP duly maintain separate records.	They provided rain water collection drains and provided above ground level tank for storage of rain water.
32	The industry shall provide sufficient storage collection tank to ensure the collection of first run off rain water.	They provided rain water collection drains and provided above ground level tank of 310 KL for storage of rain water.
33	The industry shall provide arrangement to bypass the rain water collection tank of first run off rain water for subsequent water flow.	Complied.
34	The industry shall take measures to prevent the seepages such as cement concrete flooring with proper collection system to collect contaminants / spillages in the relevant areas in the industry premises and avoid seepages outside the industry premises.	Not complied. Spillages are observed.
35	The industry shall carry out Leak Detection and Repair Study (LDAR) to access the solvent losses and based on the study the industry shall take necessary steps to arrest the solvent losses and reduce VOCs in the premises.	<ul style="list-style-type: none"> • Not complied. • The industry has conducted Leak Detection and Repair Study in the Month of February'2022.
36	The industry shall provide and maintain separate energy meters for recording energy consumption for air pollution control equipments and maintain record for daily energy consumption.	Complied.

37	The evaporation losses in solvents shall be controlled by taking all preventive measures such as circulation of Chilled brine, transfer of solvents by using pumps instead of manual handling, closed centrifuges, providing primary & secondary condensers to all the reactor vents and all the solvent storage tanks and keeping solvent storage in ground storage tanks with closed pipeline to Reactors.	Complied.
38	The industry shall operate Solvent Recovery Plant in the plant. Solvents shall be recovered to the maximum extent possible and shall be reused. The industry shall submit status of efficiency of Solvent Recovery Plant to the concerned Regional Officer. The industry shall not dispose spent solvents / mixed spent solvents to recyclers.	The industry is not having solvent recovery plant. Recovering the solvents by simple distillation in the reactors and reusing. The solvent recovery system (SRS) column is observed within the plant and SRS system construction has not completed.
39	The industry shall provide and maintain Stack Monitoring facility as per Emission Regulation part-3 (ERP-3) norms for all the major stacks of the industry.	Complied.
40	The industry shall ensure that the Port hole and ladder facility for the Stacks is safe to carry out Stack monitoring. In place of monkey ladder, spiral type/scaffold ladder shall be provided to ensure safety of monitoring personnel.	Complied.
41	The industry shall ensure that there shall not be any change in process technology and scope of working without prior approval from the Board	---
42	(a) The industry shall maintain the following records and the same shall be made available to the Board Officials during the inspection. i) Daily production details. ii) Quantity of Effluents generated and reused. iii) Log Books for pollution control systems. iv) Daily solid waste generated and disposed (b) The industry shall submit consolidated statement of the above on monthly basis to the Concerned Regional Office.	Not complied.
43	As per G.O.Rt.No.286, the industry shall transport the industrial effluents and plying on the roads is allowed between 6 A.M. to 6 P.M. only	---
44	The industry shall comply with Task Force directions issued by the Board from time to time	Submitted.
45	The applicant shall submit Environment statement in Form V to the Regional office before 30th September of every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof	Directed to comply.
46	The conditions stipulated in this order are without any prejudice to rights and contentions of this Board in any Hon'ble court of Law	---

Remarks:

1. M/s. Chemic Life Sciences (P) Ltd. Is located at Sy No. 238 & 239, Dhotigudem (V), Pochampally (M), Yadadri Bhuvanagiri District and engaged in manufacturing of Drug Intermediates.
2. The industry has obtained CFE (Expansion) of the Board vide order dt.07.06.2021.

3. Subsequently, the industry has CFO & HWA (renewal) of the Board vide order dated 02.05.2023 with validity up to 30.04.2028. (165)
4. Details of treatment systems provided for effluent treatment is as below:
1. The total water consumption is 399.7 KLD. The industry has provided flow meter for total water consumption i.e., outlet of bore well. The industry generates HTDS effluents - 51.1 KLD and LTDS effluents - 29.5 KLD.
 2. The industry has installed ZLD system consisting of Stripper- 75 KLD, MEE - 75 KLD, ATFD - 25 KLD, Biological ETP - 100 KLD and RO plant - 100 KLD. Biological ETP (100 KLD) consists of coagulation, flocculation, 2 Nos. of tube settlers and 2 Nos. of aeration tanks (75 KL capacity each)) and RO (100 KLD).
 3. During inspection observed that the colour of effluent in the aeration tanks is white in colour. Hence, the Biological ETP is not operating properly. No continuous fixed pipe line is existing between Bio ETP and RO system. The industry representative has informed that they are carrying centrifuge operations after aeration and then the remaining effluent is sending for filtration before RO system. But, no fixed pipe line system is existing for centrifuge at ZLD area.
 4. The industry has provided Separate tanks for collection of HTDS and LTDS. But, During inspection observed that, they are collecting washings (HTDS) into MEE & ATFD condensate (LTDS) collection tank. This may decrease the efficiency of Biological ETP.
 5. The industry has provided separate digital flow meter with totalizer for HTDS, LTDS, RO permeate, MEE feed and MEE condensate, online TDS meter for HTDS effluent and also provided steam flow meter to the inlet collection line of MEE and ATFD. They provided IP camera without PTZ feature for RO permeate value recording. The industry is not maintaining proper records for flow meters and energy meters.
 6. They provided scrubber followed by sub cooler condenser followed by another scrubber and outlet is connected to activated charcoal bed for MEE system. They provided pH meter for the scrubber.
 7. The industry has provided 2 x 60 KL tanks for HTDS collection cum storage tanks, 1 x 60 KL tank for LTDS and 1 x 60 KL tank for RO permeate storage purpose. The industry has connected HTDS collection tanks vent to the scrubber.
 8. The industry has provided 1 PTZ IP camera in the ZLD area and the industry representative has informed that they connected the same to TSPCB Server.
 9. They provided rain water collection drains and provided above ground level tank of 310 KL for storage of rain water.
5. Details of treatment systems provided for process emissions from production blocks is as below:
- i. The industry is having 4 Nos. of production blocks. In which, one production is under dismantling stage.
 - ii. They provided 2 Nos. of ANFDs for production block - I, 1 No of ANFD installed and another 2 Nos. are under installation in production block - III and provided centrifuge system in production Block - II.
 - iii. They provided separate fume extraction hoods at reactor openings at production block - I to avoid process emissions.
 - iv. They provided 2 stage scrubber followed by sub cooler condenser followed by activated charcoal bed for production block - I. They provided scrubber followed by sub cooler condenser followed by another scrubber and outlet is connected to activated charcoal bed for production Block - II & III.
 - v. During inspection, 2 cooling towers are in operation and no odour nuisance was observed near cooling towers.
 - vi. They provided acid proof tiles lining for production block - I and in some area of production block - III. But, not provided acid proof tiles lining for production block -II.

- vii. During inspection, Production block - I & III is in operation and perceptible odour nuisance was observed from the production block - II. They not maintained good house keeping near production block - II & in the dismantling block. Spillages were observed near production block - II.
- viii. During inspection observed that additional scrubbers in production block - II are under installation stage.
- ix. The solvent recovery system (SRS) column is observed within the plant and SRS system construction has not completed.
6. Details of treatment systems provided for fugitive emissions sources is as below:
- The industry has installed 4.5 TPH coal fired Boiler and provided MDC as APCE and also installed 6 TPH coal fired boiler and provided cyclone dust collector followed by bag filter as APCE. They provided separate energy meters for APCE.
 - They also installed 1x 2 Lakh K.cal/hr (Coal Fired) Thermic fluid heater and provided Mechanical dust collector as APCE and connected to common stack of 4.5 TPH Boiler and also provided 1x 5 Lakh K.cal/hr (Electric) Thermic fluid heater and 1 x 125 KVA, 1x360 KVA & 1x500 KVA DG sets with acoustic enclosures.
7. The industry has provided closed shed for storage of Hazardous waste storage and provided acid proof tiles as floor lining.
8. The industry has provided IP camera at ZLD area and Main gate entrance area and connected to TSPCB server.
9. The Board has collected water samples from cooling towers on 27.05.2023 to verify any use of untreated effluent/ wastewater in cooling towers and The parameter values as per the analysis reports are given below:

Parameter	Cooling tower attached to Production Block - 2	Cooling tower attached to Production Block & MEE
pH	6.78	7.12
TSS	38	35
TDS	750	1560
COD	240	220

Note: All values are in mg/L, except pH

12. **WHEREAS**, vide reference 9th cited, you were given an opportunity for hearing before the Task Force Committee of the Board during the meeting held on 07.08.2023. The industry representative and RO-Nalgonda have attended the meeting. After detailed discussions, the Committee recommended to inspect the industries by Task Force Committee.
13. **WHEREAS**, vide reference 10th cited, the Task Force Committee inspected the industries on 10th & 11th of August, 2023 and the following observations were made:
- The industry was in operation during inspection.
 - The industry has provided ZLD system consisting of Stripper, MEE, ATFD, Biological ETP and RO plant. Biological ETP consists of coagulation, flocculation, 2 Nos. of tube settlers and 2 Nos. of aeration tanks and RO.
 - During inspection observed that the colour of effluent in the aeration tanks is white colour which indicates no biological culture / bacteria is developed in aeration tank. Hence, the Biological ETP is not functioning. No continuous fixed pipe line is existing between Bio ETP and RO system. The RO system is not functioning.
 - The industry has provided Separate tanks for collection of HTDS and LTDS. But, During inspection observed that, they are collecting washings (HTDS) into MEE & ATFD condensate (LTDS) collection tank. This may decrease the efficiency of Biological ETP.
 - During the inspection, it was observed that, the RO is not in operational condition.
 - During the inspection it was observed that, BPR's are not available at production block-I which indicates they are not maintaining any records for raw materials and products.

7. The Biological ETP was not in operational condition as aeration tank is not stabilised with bio-culture.
8. The industry has provided drums storage yard, however drums were observed on naked ground near the production block-II.
9. The industry has to do energy audit in the premises as no proper insulation for steam carrying pipes.
10. The industry has not provided leachate collection pit at the effluent collection tanks area.
11. The industry has provided 2 x 60 KL tanks for HTDS collection cum storage tanks, 1 x 60 KL tank for LTDS and 1 x 60 KL tank for RO permeate storage purpose. The industry has connected HTDS collection tanks vent to the scrubber.
12. The compliance status of the industry on the Non-Compliances reported in the TF meeting dt.07.08.2023 agenda (as per report of RTF team):

S. No	Direction	Compliance
1	The house keeping of the industry at ATFD has to be improved.	Improved.
2	The odour was observed within the industry premises and it may carry outside the premises during the wind flow.	Odour was observed near MEE area.

13. The compliance status of the industry on the Non-Compliances reported in the TF meeting dt.07.08.2023 agenda (as per RO report):

3	During inspection observed that the colour of effluent in the aeration tanks is white. Hence, the Biological ETP is not operating properly. No continuous fixed pipe line is existing between Bio ETP and RO system. The industry representative has informed that they are carrying centrifuge operations after aeration and then the remaining effluent is sending for filtration before RO system. But, no fixed pipe line system is existing for centrifuge at ZLD area.	Not complied The industry has provided aeration tanks for Biological ETP. No biological culture / bacteria (MLSS) is developed in aeration tank. Hence, the industry is not operating the Biological ETP effectively as aeration tank is not in stabilized condition with proper bio-culture.
4	The industry has provided Separate tanks for collection of HTDS and LTDS. But, During inspection observed that, they are collecting washings (HTDS) into MEE & ATFD condensate (LTDS) collection tank. This may decrease the efficiency of Biological ETP.	Not complied
6	Spillages were observed near production block-II. During inspection, some renovation works are under progress. They not maintained good housekeeping near production block - II & in the dismantling block.	Spillages are arrested. Housekeeping is improved near production block-II. (During the inspection, production block-II is not in operation).
7	The industry has not provided odour suppressant mist spray / PIION system.	Not complied
8	The industry has not submitted the latest LDAR study report.	Not complied
9	The industry has provided 1 PTZ IP camera inside the ZLD shed. But, this may not cover whole ZLD system.	IP camera is shifted to another location to cover the ZLD system.
10	The industry has not provided online TDS meter for HTDS effluent generation.	Provided Photo enclosed.
11	The industry has not maintaining the records pertaining to production, quantity of effluent generation & re-used, log books for pollution control systems and hazardous waste generation and disposal.	Not maintaining the records for raw material and products.

14. **WHEREAS**, vide reference 11th cited, you were given an opportunity for hearing before the Task Force Committee of the Board during the meeting held on 28.08.2023. The Complainants & industry representatives (Virtually), RO-Nalgonda have attended the meeting. After detailed discussions, the Committee recommended to issue Extension of Temporary Revocation of Closure Orders for a period upto 31.10.2023 and also recommended to forfeit the Bank Guarantee of Rs.12.0 Lakhs with certain directions.
15. **WHEREAS**, after careful consideration of the material facts of the case, **the Board hereby issue Extension of Temporary Revocation of Closure Order to your industry for a period upto 31.10.2023 with the following directions to comply with:**
1. The industry shall comply with all conditions stipulated in the CFO&HWA order issued by the Board scrupulously.
 2. The industry shall comply with all the conditions stipulated in the Extension of Temporary Revocation of Closure Order dated: 26.06.2023.
 3. The industry shall pay the Environmental Compensation (EC) of Rs.44,80,000/- as per the Hon'ble NGT Orders vide order dated:21.06.2023, you are hereby directed to deposit an amount of Rs.44,80,000/- (Rupees Forty Four Lakhs Eighty Thousand Only) towards Environmental Compensation. The amount shall be deposited by way of D.D drawn in favour of "Member Secretary, T.S Pollution Control Board" payable at Hyderabad.
 4. The industry shall continuously operate ZLD system so as to treat all the effluent and shall reuse all the treated effluent for plant needs and shall maintain the records.
 5. The industry shall maintain adequate bio-culture / MLSS in the aeration tank to operate biological ETP effectively thereby reduce load on the RO.
 6. The industry shall provide/maintain operate digital flow meters with IP cameras to ZLD system & provide/ maintain IP camera at main gate entrance. The industry shall provide / maintain PTZ camera to cover ZLD & boiler area. All the cameras shall be connected to the TSPCB Server.
 7. The industry shall provide first runoff of rainwater & seepage collection pit with proper bypass arrangement for free flow of subsequent rain water (24 kL/acre). The collected contaminated rain water shall be pumped and stored in above ground level tank of adequate capacity and the same shall be treated within the premises or send to CETP for further treatment and disposal.
 8. The industry shall provide digital flow meter for the first run off water and shall treat in their ZLD / dispose to CETP for further treatment.
 9. The industry shall submit a fresh Bank Guarantee of Rs.12.0 Lakhs towards compliance of the above directions in favour of the Member Secretary, TSPCB, Hyderabad for a period of one year at concerned Regional office within in a week.
 10. The industry shall recoup the Bank Guarantee of Rs.12.0 Lakhs towards Bank Guarantee forfeited to the Board from time to time before its expiry, till further orders of the Board
 11. The industry shall not carryout operations without valid revocation of closure orders. Failing which the Board will be constraint to take action against the industry.
16. **WHEREAS**, the TSSPDCL., Ltd., has been directed to restore the power supply to your industry for a period upto 31.10.2023.
17. These orders are issued under Section 33(A) of Water (Prevention and Control of Pollution) Act, 1974 (as amended by Act 53 of 1988).

18. You are hereby directed to note that, should you misuse these orders to operate the unit violating any of the conditions mentioned above, your unit will be closed under Section 33(A) of Water (Prevention and Control of Pollution) Act, 1974 (as amended by Act 53 of 1988) without any further notice to you and you will also be liable for prosecution in the court of Metropolitan Magistrate or Judicial Magistrate of the first class under section 41(2) of Water (Prevention and Control of Pollution) Act, 1974 (as amended by Act 53 of 1988), the punishment for which include imprisonment for a term which shall not be less than one year six months and which may be extended to six years with fine.

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Sd/-
MEMBER SECRETARY

To
M/s. Chemic Life Sciences Pvt. Ltd.,
Sy.No.238 & 239, Dhotigudem (V), Pochampally (M),
Yadadri Bhuvanagiri District

Copy to:

1. The JCEE., Z.O., R.C.Puram for information and necessary action.
2. The Environmental Engineer, Regional Office, Nalgonda for information necessary action. The RO is directed coordinate with the Task Force Committee Members to inspect the industry after four weeks to verify the compliances status of the industry.
3. Concerned file.

//T.C.F.B.O//
P. Prasadanna
Senior Environmental Engineer
(Task Force - UH-IV)

This Order has the Digital Approval by the Member Secretary.



TELANGANA STATE POLLUTION CONTROL BOARD
PARYAVARAN BHAVAN, A - 3, INDUSTRIAL ESTATE,
SANATHNAGAR, HYDERABAD - 500 018.

Phone: 23887500
Fax: 040 - 23815631
Website: tspcb.cgg.gov.in

BY REGD. POST WITH ACK. DUE

Order No.NLG-50/TSPCB/TF/HO/2023 -

FHB
170

Date:13.09.2023

Sub : TSPCB – M/s. Chemic Life Sciences Pvt. Ltd., Sy.No.238 & 239, Dhotigudem (V), Pochampally (M), Yadadri Bhuvanagiri District – Water (Prevention and Control of Pollution) Act, 1974 (as amended by Act 53 of 1988) and Air (Prevention and Control of Pollution) Act 1981 (as amended by Act 47 of 1987) – **Extension of Temporary Restoration of Power Supply for a period upto 31.10.2023 – Orders Issued** – Reg.

Ref : 1. Order No.NLG-50/TSPCB/TF/HO/2023-461, dt:26.06.2023.
2. Hearing held on 28.08.2023.
3. Order No.NLG-50/TSPCB/TF/HO/2023- , dt.13.09.2023.

* * * * *

In the 1st reference mentioned above, under section 33(A) of Water (Prevention and Control of Pollution) Amendment Act, 1988 & under section 31(A) of Air (Prevention and Control of Pollution) Amendment Act, 1987 orders were directed to TSSPDCL to restore the power supply for a period upto 31.07.2023 to **M/s. Chemic Life Sciences Pvt. Ltd., Sy.No.238 & 239, Dhotigudem (V), Pochampally (M), Yadadri Bhuvanagiri District.**

In the 2nd reference cited, the status of the industry was reviewed before the Board's Task Force Committee meeting held on 28.08.2023. After careful consideration of all the material facts of the case, it was decided to issue extension of temporary revocation of closure orders for a period upto 31.10.2023. Accordingly the Board has issued extension of temporary revocation of closure orders to the industry. A copy of the extension of temporary revocation of closure orders is herewith enclosed.

In view of the above, the Board hereby directs the TSSPDCL to restore the power supply to **M/s. Chemic Life Sciences Pvt. Ltd., Sy.No.238 & 239, Dhotigudem (V), Pochampally (M), Yadadri Bhuvanagiri District for a period upto 31.10.2023** for carrying out the production activities. These directions are issued under section 33(A) of Water (Prevention and Control of Pollution) Amendment Act, 1988 and under section 31(A) of Air (Prevention and Control of Pollution) Amendment Act, 1987.

**Sd/-
MEMBER SECRETARY**

**To,
The Superintending Engineer (Operations),
T.S. Southern Power Distribution Company Ltd.,
Yadadri Bhuvanagiri District.**

Copy to:

1. The JCEE, Z.O, R.C.Puram for information and necessary action.
2. The Environmental Engineer, Regional Office, Nalgonda for information and necessary action.
3. Concerned file.

Prasanna
//T.C.F.B.O//
**Senior Environmental Engineer
(Task Force - UH-IV)**

This Order has the Digital Approval by the Member Secretary.



BY REGD. POST WITH ACK. DUE

ORDERS ISSUED UNDER WATER (P&CP) AMENDMENT ACT, 1988

Annexure - X

Order No. NLG-40/TSPCB/TF/HO/2023- 52

Date: 13.09.2023

Sub : TSPCB - M/s. Archimedis Laboratories (P) Ltd., Sy.No.238, Dhotigudem (V), Pochampally (M), Yadadri Bhuvanagiri District - Water (Prevention and Control of Pollution) Act, 1974 (as amended by Act 53 of 1988) - **DIRECTIONS - ORDERS ISSUED** - Reg.

- Ref :**
1. CFO&HWA order dt.15.01.2021 valid up to 30.11.2025.
 2. Directions Order dated: 02.03.2022 & 14.07.2022.
 3. CPCB Letter No.F.No.B-29016/04/06/IPC-I/438, Dt.19.09.2022, received on 13.10.2022 /28.10.2022.
 4. Hon'ble NGT, (SZ), Chennai Orders dated 31.10.2022 in O.A.No.97 of 2021.
 5. Additional Directions Order dated: 06.12.2022.
 6. The Hon'ble NGT, Chennai has issued directions vide Order dated: 17.01.2023.
 7. EPTRI, Hyderabad Study report dt.24.04.2023.
 8. Directions Order dated: 30.05.2023.
 9. Directions issued on 21.06.2023 for for Levying of Environmental Compensation.
 10. The Rolling Task Force team inspected the industry on 17.06.2023 & 01.07.2023.
 11. The Board received a complaint on twitter by Sri Panduchoppari@panduchoppari on 31.07.2023 regarding colored water stagnation in the Dhotigudem area and the same complaint forwarded by the District Collector, Yadadri Bhuvanagir.
 12. Complaints received from Villagers of Dhotigudem, Anthammagudem & Malkapur against the Pharma industries located in Dhotigudem village regarding pollution problems.
 13. The RO-Nalgonda Officials inspected the industry on 28.07.2023.
 14. Hearing held on 07.08.2023.
 15. Hon'ble High Court orders in WP.No.18213 of 2023 dt.08.08.2023 regarding Environmental Compensation Levied by the TSPCB.
 16. The Task Force Committee Members inspected the industry on 10.08.2023 & 11.08.2023.
 17. Hearing held on 28.08.2023.

* * * * *

1. **WHEREAS**, you are operating Bulk Drugs manufacturing unit located at Sy.No.238, Dhotigudem (V), Pochampally (M), Yadadri Bhuvanagiri District.
2. **WHEREAS**, vide reference 1st cited, the Board issued CFO&HWA (renewal) to the industry on 15.01.2021 with a validity up to 30.11.2025.
3. **WHEREAS**, vide reference 2nd cited, the Board issued certain directions to the industry on 02.03.2022, 14.07.2022 in connection with complaints.
4. **WHEREAS**, vide reference 3rd cited, CPCB issued certain directions to the Board in connection with O.A No. 97 of 2021 filed by Sri Ravula Linga Swamy, S/o. Yadaiah and Others, Anthammagudem Village, Pochampally Mandal, Yadadri Bhuvanagiri District before Hon'ble NGT(SZ), Chennai.
5. **WHEREAS**, vide reference 4th cited, the Hon'ble NGT vide Order dated 31.10.2022 issued directions to the Board to implement the directions given by the CPCB to the Board and also to assess the compensation for the alleged deliberate violations by the industries.
6. **WHEREAS**, vide reference 5th cited, the Board issued further directions to the industry on 06.12.2022 based on the observation made in the CPCB report.

7. **WHEREAS**, vide reference 6th cited, the Hon'ble NGT, Chennai vide Order dated: 17.01.2023 in O.A No.97 of 2021, directed the TSPCB to furnish the compliance report on water & soil analysis.
8. **WHEREAS**, vide reference 7th cited, EPTRI, Hyderabad has submitted study report dt.24.04.2023 on water & soil monitoring in Dothigudem industrial cluster. As per the study report, certain bore wells are contaminated with the chemicals and the same were matched with the products and derivatives of all the 8 industries located in the area.
9. **WHEREAS**, the TSPCB filed a report dt.25.04.2023 before Hon'ble NGT submitting that the TSPCB will take necessary action, based on the finding of the study report dated 24.04.2023 of M/s Environment Protection Training & Research Institute (EPTRI), Gachibowli, Hyderabad.
10. **WHEREAS**, vide reference 8th cited, the Board issued directions to the industry on 30.05.2023 to comply.
11. **WHEREAS**, vide reference 9th cited, the industry was reviewed in the Task Force Committee meeting held on 13.06.2023. Based on the recommendations of the Committee, the Board issued directions dt.21.06.2023 for levying Environmental Compensation (EC) of Rs. **51,80,000/-** along with other directions.
12. **WHEREAS**, vide reference 10th cited, the Rolling Task Force Team inspected the industry on 17.06.2023 & 01.07.2023 and certain observations were made.
13. **WHEREAS**, the industry have filed a Writ Petitions before Hon'ble High Court of Telangana praying the Hon'ble High Court to declare the orders issued by the Respondent Board directing the petitioner industry to deposit an amount towards Environmental Compensation without giving any notice as arbitrary and irregular, contrary to law, without power and jurisdiction and set aside the same.
14. **WHEREAS**, the Hon'ble High Court passed an orders dt.08.08.2023 in the WP No.18213 of 2023, the composite order dated:21.06.2023 issued to the industry by the Board is quashed and set aside and the operative portion of the order reads as under.

"for the afore-mentioned reasons, order dated:2106.2023 passed by the Board cannot be sustained in the eye of law. Accordingly, it is quashed and set aside. The matter is remitted to the Board to consider the grounds taken by the petitioner in the explanati0oni dated:02.06.2023. Needless to state that the Board shall also consider the fact that consent for operation was granted to the petitioner on 08.02.2023 as well as the fact that the petitioner was not a party to the order dated: 17.01.2023 passed by National Green Tribunal in OA.No.97 of 2021. The Board shall affortd and opportunity of hearing to the petitioner and shall by speaking order conclude the proceeding initiated in pursuance to show cause notice dated; 22.05.20232 . it is made clear that this court has not expressed any opinion on merits of the matter.
15. **WHEREAS**, vide reference 11th cited, the Board received a complaint on twitter by Sri Panduchoppari@panduchoppari on 31.07.2023 regarding colored water stagnation in the Dothigudem area. The Board also received the same complaint by Sri Panduchoppari regarding colored water stagnation in the Dothigudem area forwarded by the District Collector, Yadadri-Bhuvanagiri District.
16. **WHEREAS**, vide reference 12th cited, the Board received complaints from Villagers of Dothigudem, Anthammagudem & Malkapur against the Pharma industries located in Dothigudem village regarding pollution problems.
17. **WHEREAS**, vide reference 13th cited, the RO-Nalgonda Officials inspected the industry on 28.07.2023 and the following observations were made:

- a) The industry is in operation during inspection.
- b) The compliance status of the industry on Board Task Force directions order dt.14.07.2022 issued Under Water (P&CP) Amendment Act, 1988 is submitted below:

Sl. No	Direction	Compliance
1	The industry shall comply with all conditions stipulated in the CFO&HWA order issued by the Board scrupulously.	--

2	The industry shall regularly treat the effluents in stripper, MEE, ATFD, followed by RO system and treated effluents shall be reused in the plant. The RO rejects shall be sent to MEE for forced evaporation and maintain the records.	<ul style="list-style-type: none"> Complied. During inspection, MEE system was under operation. The industry is maintaining records.
3	The industry shall treat the domestic waste water from the labour quarters / Canteen in the ZLD system and shall not discharge any waste water outside the industry premises under any circumstances.	Canteen water collecting into earthen pit and same sending to MEE system through pumping system. Provided separate flow meter to ensure the same.
4	The industry shall provide first run off rain water & seepage collection pit with proper bypass arrangement for free flow of subsequent rain water (24 kL/acre). The collected contaminated rain water shall be pumped and stored in above ground level tank of adequate capacity and the same shall be treated within the premises or send to CETP for further treatment.	Provided rain water collection tanks of 100 KL capacity (20 KL, 20 KL & 60 KL below ground level) with bypass.
5	The industry shall install / provide flow meters for domestic purposes within one week.	Provided water meter for Domestic consumption.
6	The industry shall take necessary measures to prevent entering of rain water into the operating area of the Stripper, MEE, RO and ATFD to avoid contamination of rain water runoff.	Complied. They provided MEE system under the shed. They provided dyke walls around MEE area.
7	The industry shall not discharge any effluent/ leakages / spillages / seepages etc. within the premises and outside the industry premises under any circumstances.	Complied. No discharges were observed during inspection.
8	The industry shall store drums containing raw material / in process goods / MLs /spent solvents / wastes etc., on the concrete platform under covered shed with dyke walls & proper leachate collection system and the industry shall not store drums openly on ground.	Complied. The industry has provided shed for storage of drums and during inspection no open storage of drums was observed.
9	The industry shall collect & store the hazardous waste in an elevated closed shed with impervious lining and leachate collection system. The industry shall dispose the Hazardous Waste regularly in accordance with the CFO&HW order and shall not store beyond 90 days.	Complied. Provided separate hazardous waste storage room with impervious lining near ETP area.
10	The industry shall continuously operate the online monitoring system provided as per the directions of CPCB and shall ensure continuous data transmission to the TSPCB server.	The industry has provided flow meter for Common collection tank (for HTDS and LTDS) and connected to TSPCB server.
11	The industry shall provide/maintain operate IP cameras at main gate entrance and shall be connected to the TSPCB Server.	Complied. Provided PTZ IP camera at main gate and same is connected to TSPCB server.
12	The industry shall not use any flexible pipelines within the premises for transfer of effluents / wastewater. All the effluent conveying pipe lines shall be fixed. There shall not be any discharge / spillages of effluent within or outside the premises	Complied. No spillages were observed within industry premises.
13	The industry shall not use effluent or any waste water for cooling tower purpose and shall check the quality of the cooling circulation water regularly.	<ul style="list-style-type: none"> No odour nuisance at cooling tower area. The industry was directed to check the quality regularly.
14	The industry shall maintain proper housekeeping within the premises.	Maintained good housekeeping.

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15	The industry shall submit Bank Guarantee of Rs.2 Lakhs recouping amount of Bank Guarantee forfeited in favour of Member Secretary, TSPCB, Hyderabad towards compliance of CFO conditions / directions with a validity for one year within One week and shall extend the same from time to time till further orders from the Board.	BG of Rs.1 Lakhs with validity of 16.03.2025 & BG of Rs.2 Lakhs with validity of 12.01.2024 are available with the Board.
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c) The status of compliance of the industry on Board Task Force Additional directions Order dt.21.06.2023 issued Under Air & Water (P&C) Amendment Acts is submitted below:

S. No.	Directions	Compliance
1	The industry shall maintain sufficient free board to avoid overflows in effluent collection tanks and shall dispose the same as per CFO & HWA conditions.	No over flow/ spillages were observed.
2	The industry shall not stock the effluents in the collection tanks and shall treat the effluents in ZLD system / send to the CETP to avoid any over flow in view of the rainy season.	During inspection, ZLD system (MEE system and Bio ETP system) was under operation.

d) Compliance with regard to Schedule-B conditions of CFO order No.210822720096, dt.15.01.2021.

S. No	Condition	Compliance																																										
1	<p>The industry shall take steps to reduce water consumption to the extent possible and consumption shall NOT exceed the quantities mentioned below:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">S.No.</th> <th style="width: 40%;">Purpose</th> <th style="width: 50%;">Quantity in KLD</th> </tr> </thead> <tbody> <tr><td>1</td><td>Process</td><td>15.415</td></tr> <tr><td>2</td><td>Washings</td><td>1.0</td></tr> <tr><td>3</td><td>Boiler feed</td><td>45</td></tr> <tr><td>4</td><td>Cooling tower make up</td><td>1.5</td></tr> <tr><td>5</td><td>Domestic</td><td>2.2</td></tr> <tr><td>6.</td><td>Gardening</td><td>3.0</td></tr> <tr><td></td><td>Total:</td><td>68.115</td></tr> </tbody> </table>	S.No.	Purpose	Quantity in KLD	1	Process	15.415	2	Washings	1.0	3	Boiler feed	45	4	Cooling tower make up	1.5	5	Domestic	2.2	6.	Gardening	3.0		Total:	68.115	As per the records, during the last 6 months period of Jan'2023 to Jun'2023, the average water consumption is 60.55 KLD against the consented quantity of 68.115 KLD. The effluents generation is 22.83 KLD (avg) against the consented quantity of 24.144 KLD.																		
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2	<p>The pre-treated effluent sent to be CETP shall not exceed the following prescribed standards.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Parameter</th> <th style="width: 30%;">Limiting Standards</th> </tr> </thead> <tbody> <tr><td>pH</td><td>5.5 - 9</td></tr> <tr><td>Temperature °C</td><td>45</td></tr> <tr><td>Total Dissolved Solids (Inorganic)</td><td>5,000 mg</td></tr> <tr><td>Oil and Grease</td><td>20 mg</td></tr> <tr><td>Phenolic Compounds (as C₆H₅OH)</td><td>5 mg</td></tr> <tr><td>Ammonical Nitrogen (as N)</td><td>50 mg</td></tr> <tr><td>Cyanide (as CN)</td><td>2 mg</td></tr> <tr><td>Chromium Hexavalent (as Cr⁶⁺)</td><td>2 mg</td></tr> <tr><td>Chromium (total) (as Cr)</td><td>2 mg</td></tr> <tr><td>Copper (as Cu)</td><td>3 mg</td></tr> <tr><td>Lead (as Pb)</td><td>1 mg</td></tr> <tr><td>Nickel (as Ni)</td><td>3 mg</td></tr> <tr><td>Manganese (as Mn)</td><td>15 mg</td></tr> <tr><td>Arsenic (as As)</td><td>0.2 mg</td></tr> <tr><td>Mercury (as Hg)</td><td>0.01 mg</td></tr> <tr><td>Cadmium (as Cd)</td><td>1 mg</td></tr> <tr><td>Selenium (as Se)</td><td>0.05 mg</td></tr> <tr><td>Fluoride (as F)</td><td>15 mg</td></tr> <tr><td>Boron (as B)</td><td>2 mg</td></tr> <tr><td>DD</td><td>15,000 mg</td></tr> </tbody> </table>	Parameter	Limiting Standards	pH	5.5 - 9	Temperature °C	45	Total Dissolved Solids (Inorganic)	5,000 mg	Oil and Grease	20 mg	Phenolic Compounds (as C ₆ H ₅ OH)	5 mg	Ammonical Nitrogen (as N)	50 mg	Cyanide (as CN)	2 mg	Chromium Hexavalent (as Cr ⁶⁺)	2 mg	Chromium (total) (as Cr)	2 mg	Copper (as Cu)	3 mg	Lead (as Pb)	1 mg	Nickel (as Ni)	3 mg	Manganese (as Mn)	15 mg	Arsenic (as As)	0.2 mg	Mercury (as Hg)	0.01 mg	Cadmium (as Cd)	1 mg	Selenium (as Se)	0.05 mg	Fluoride (as F)	15 mg	Boron (as B)	2 mg	DD	15,000 mg	NA
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3	<p>The emissions shall not contain constituents in excess of the prescribed limits mentioned below:</p> <table border="1" data-bbox="365 143 1006 429"> <thead> <tr> <th>Chimney No.</th> <th>Description of Chimney</th> <th>Parameter</th> <th>Emission standards</th> </tr> </thead> <tbody> <tr> <td rowspan="3">1</td> <td rowspan="3">Attached to Coal fired Boiler of capacity 2 TPH</td> <td>SPM</td> <td>115 mg/m³</td> </tr> <tr> <td>SO₂*</td> <td>600 mg/m³ At 6% dry O₂ for solid fuel and 3% dry O₂ for liquid fuel</td> </tr> <tr> <td>NO_x*</td> <td>200 mg/m³ At 6% dry O₂ for solid fuel and 3% dry O₂ for liquid fuel</td> </tr> <tr> <td rowspan="3">2</td> <td rowspan="3">Attached to Coal fired Boiler of capacity 1.5 TPH (standby)</td> <td>SPM</td> <td>115 mg/m³</td> </tr> <tr> <td>SO₂*</td> <td>600 mg/m³ At 6% dry O₂ for solid fuel and 3% dry O₂ for liquid fuel</td> </tr> <tr> <td>NO_x*</td> <td>200 mg/m³ At 6% dry O₂ for solid fuel and 3% dry O₂ for liquid fuel</td> </tr> <tr> <td>3</td> <td>Attached to Thermal Fluid Heater of capacity 2 lakh K.Cal/hr</td> <td>-</td> <td>-</td> </tr> <tr> <td>4</td> <td>Attached to Process vents</td> <td>HCl</td> <td>55 mg/m³</td> </tr> <tr> <td>5</td> <td>Attached DG sets of capacity 125 KVA & 83 KVA</td> <td>SPM</td> <td>115 mg/m³</td> </tr> </tbody> </table> <p>*As per MOEF&CC Notification No.GSR 96(E), dt. 29.01.2018 published under the Environment (Protection) Rules, 1986.</p>	Chimney No.	Description of Chimney	Parameter	Emission standards	1	Attached to Coal fired Boiler of capacity 2 TPH	SPM	115 mg/m ³	SO ₂ *	600 mg/m ³ At 6% dry O ₂ for solid fuel and 3% dry O ₂ for liquid fuel	NO _x *	200 mg/m ³ At 6% dry O ₂ for solid fuel and 3% dry O ₂ for liquid fuel	2	Attached to Coal fired Boiler of capacity 1.5 TPH (standby)	SPM	115 mg/m ³	SO ₂ *	600 mg/m ³ At 6% dry O ₂ for solid fuel and 3% dry O ₂ for liquid fuel	NO _x *	200 mg/m ³ At 6% dry O ₂ for solid fuel and 3% dry O ₂ for liquid fuel	3	Attached to Thermal Fluid Heater of capacity 2 lakh K.Cal/hr	-	-	4	Attached to Process vents	HCl	55 mg/m ³	5	Attached DG sets of capacity 125 KVA & 83 KVA	SPM	115 mg/m ³	<p style="text-align: center;">175</p> <p style="text-align: center;">--</p>
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4	<p>The industry shall not manufacture any un-consented products and exceeding capacities without obtaining prior Consent for Establishment (CFE) and Consent for Operation (CFO) of the Board.</p>	<p>As per the records, during the last 6 months period of Jan'2023 to Jun'2023, the industry has manufactured 4 consented products with total quantity of 227.6 Kgs/day (avg) as against consented capacity 666.68 Kg/day). Details enclosed.</p>																																
5	<p>The industry shall comply with emission limits for DG sets of capacity upto 800 KW as per the Notification G.S.R.520 (E), dated 01.07.2003 under the Environment (Protection) Amendment Rules, 2003 and G.S.R.448 (E), dated 12.07.2004 under the Environment (Protection) Second Amendment Rules, 2004. In case of DG sets of capacity more than 800 KW shall comply with emission limits as per the Notification G.S.R.489 (E), dated 09.07.2002 at serial no.96, under the Environment (Protection) Act, 1986.</p>	<p>Complied</p>																																
4	<p>The industry shall comply with ambient air quality standards of PM₁₀ (Particulate Matter size less than 10µm) - 100 µg/ m³; PM_{2.5} (Particulate Matter size less than 2.5 µm) - 60 µg/ m³; SO₂ - 80 µg/ m³; NO_x - 80 µg/m³, outside the factory premises at the periphery of the industry. Standards for other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009 Noise Levels: Day time - (6 AM to 10 PM) - 75 dB (A) Night time - (10 PM to 6 AM) - 70 dB (A).</p>	<p>--</p>																																
5	<p>The industry has paid CFO fee of Rs.18,25,000/- for 5 years period i.e. upto 30.11.2025.</p>	<p>--</p>																																
6	<p>The industry either paying annual fee or total fee for Consented period, shall pay the balance fee as per the revised rates as applicable from time to time.</p>	<p>--</p>																																
7	<p>The industry shall segregate effluents into LTDS & HTDS effluents separately.</p>	<p>The industry has provided above ground level RCC tanks of capacity 2x20 KL, 3x30 KL for storage of combined effluents and treating all the effluents in the MEE system.</p>																																
8	<p>The industry shall maintain vent condensers for chemical / solvent storage tanks to control fugitive emissions.</p>	<p>The industry has provided vent condensers with Brine circulation to all bulk solvent storage tanks.</p>																																

9	The industry shall maintain separate water meters for recording water consumption for process, boiler feed, cooling and domestic purposes and also maintain daily records	Complied
10	The industry shall maintain digital flow meters with totalizers (RS-485 communication) for recording the quantity of HTDS, LTDS effluent and RO permeate also maintain daily records. They shall connect the flow totalizer data to TSPCB & CPCB servers as per CPCB protocol.	The industry has provided digital flow meters for combined effluents (for HTDS & LTDS), stripper feed, MEE feed, ATFD, RO feed, RO permeate, RO reject, Steam flow to meter MEE system and maintaining records. The industry has connected the digital flow meters of (HTDS + LTDS) combined effluents, RO permeate to TSPCB Server.
11	The industry shall provide and maintain double stage scrubber along with online pH monitoring system to all the production blocks to control of process emissions. They shall maintain log book for operation of scrubber for monitoring active scrubbing media.	The industry has provided 2 numbers of two stage scrubbers with online pH meters and maintaining operation records of scrubbers.
12	The industry shall monitor VOCs in ambient air with online VOC analyze with proper range & connect the same to TSPCB server.	The industry has provided online VOC analyzer and connected to TSPCB server.
13	The industry shall maintain elevated platform with leachate/spillages collection pit to store drums containing chemicals & wastes to control spillages / discharges of chemicals / effluents on ground.	Complied
14	During the maintenance / breakdown of ZLD system, the industry is permitted to send the LTDS effluents to CETP duly meeting the inlet standards stipulated at Schedule -B for not more than 15 days, in a calendar year.	--
15	The industry is permitted to send HTDS effluents to the MEE system of M/s. JETL, Jeedimetla for a period of maximum 15 days in a calendar year i.e. during maintenance / break down of Stripper, MEE & ATFD system and shall maintain records.	--
16	The industry shall maintain IP camera with PAN, TILT Zoom, 5x or above focal length, with night vision capability at effluent collection system (HTDS & LTDS) and RO permeate as per CPCB norms. They shall connect the data to CPCB & TSPCB server.	The industry has provided IP camera at flow meters of combined effluents and RO permeate and connected the same to TSPCB server.
17	The industry shall provide and operate IP Camera with PAN, Zoom, 5x or above focal length, with night vision capability, at main gate entrance & at other gates where there is movement of effluent tankers, Solvent tankers, Chemical tankers, Hazardous Waste carrying vehicles & other material carrying vehicles. These cameras shall be connected to the website of TSPCB, with minimum backup of three months.	The industry has provided IP camera at main gate entrance and connected to TSPCB server.
18	The industry shall install on line TDS meter for HTDS effluent generation and connect the same to TSPCB server. They shall maintain the records for effluent generation, TDS values, salts generation on daily basis.	Not provided TDS meter for HTDS effluent generation. However, the industry is maintaining effluent generation and salts generation details.
19	The industry shall develop greenbelt as per norm.	The industry has developed greenbelt in an area of about 1.5 Acres.

20	The industry shall maintain records on source of starting raw material / Intermediates for each product-wise and the consolidated records shall be submitted to R.O., Nalgonda every month along with invoice copies of the starting raw materials outsourced.	Complied. (177)
21	The industry shall provide and maintain Stack Monitoring facility as per Emission Regulation part-3 (ERP-3) norms for all the major stacks of the industry.	Complied
22	The industry shall ensure that the Port hole and ladder facility for the Stacks is safe to carry out Stack monitoring. In place of monkey ladder, spiral type/scaffold ladder shall be provided to ensure safety of monitoring personnel.	Complied
23	The industry shall provide adequate closed storage facilities above the ground with proper lining for storage of effluents before its treatment.	Complied
24	The industry shall not discharge any effluents onland within or outside the plant premises.	During inspection, no discharge of effluents was observed.
25	The industry shall provide storm water drains to avoid mixing of effluent/spillages with run-off water during rains within one month as committed during the meeting.	Complied.
26	The industry shall provide sufficient storage collection tank to ensure the collection of first run off rain water.	Provided rain water collection tanks of 100 KL capacity (20 KL, 20 KL & 60 KL below ground level) with bypass.
27	The industry shall provide arrangement to bypass the rain water collection tank of first run off rain water for subsequent water flow.	Complied
28	The industry shall take measures to prevent the seepages such as cement concrete flooring with proper collection system to collect contaminants / spillages in the relevant areas in the industry premises and avoid seepages outside the industry premises.	Complied
29	The industry shall maintain separate energy meters for recording energy consumption for air pollution control equipments and maintain record for daily energy consumption.	The industry has provided separate energy meter for ZLD system and Scrubbing system.
30	The evaporation losses in solvents shall be controlled by taking all preventive measures such as circulation of Chilled brine, transfer of solvents by using pumps instead of manual handling, closed centrifuges, providing primary & secondary condensers to all the reactor vents and all the solvent storage tanks and keeping solvent storage in ground storage tanks with closed pipeline to Reactors.	Complied
31	The industry shall install and operate Solvent Recovery Plant in the plant premises. Solvents shall be recovered to the maximum extent possible and shall be reused. The industry shall submit status of efficiency of Solvent Recovery Plant to the concerned Regional Officer. The industry shall not dispose spent solvents / mixed spent solvents to the traders/ recyclers.	The industry has not provided Solvent Recovery Plant. The industry representative informed that they are reusing the solvents after simple distillation and also sending to authorised solvent recovery units.

32	(a) The industry shall maintain the following records and the same shall be made available to the Board Officials during the inspection. i) Daily production details. ii) Quantity of Effluents generated and reused. iii) Log Books for pollution control systems. iv) Daily solid waste generated and disposed. (b) The industry shall submit consolidated statement of the above on monthly basis to the Concerned Regional Office.	Maintained
33	As per G.O.Rt.No.286, the industry shall transport the industrial effluents and plying on the roads is allowed between 6 A.M. to 6 P.M. only.	--
34	The industry shall comply with Task Force directions issued by the Board from time to time.	Submitted below.
35	The applicant shall submit Environment statement in Form V to the Regional office before 30th September of every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.	Submitted
36	The conditions stipulated in this order are without any prejudice to rights and contentions of this Board in any Hon'ble court of Law.	--

Remarks:

1. M/s. Archimedis Laboratories (P) Ltd., Sy.No. 238, Dothigudem (V), Pochampally (M), Yadadri bhuvanagiri District is a Bulk Drug manufacturing unit.
2. The Board issued CFO & HWA to the industry vide order dated 15.01.2021 which is valid up to 30.11.2025 for manufacture of the certain products.
3. The industry has obtained CFE Expansion order dated 15.07.2021 for increase in production and they are in the process to apply for CFO expansion.
4. The industry has provided above ground level RCC tanks of capacity 2x20 KL, 3x30 KL for storage of effluents (HTDS & LTDS combined).
5. The industry has provided effluents treatment system consisting of Collection cum neutralization tank, above ground level storage tanks, Filter Press, Stripper (50 KLD), MEE (50 KLD), ATFD (20 KLD) followed by Aeration tanks - 2x30 KL & Tubular settler (40 KL) and RO Plant (1.8 KL/hr).
6. The industry has installed new stripper (50 KLD) and additional Biological ETP with MBBR (25 KLD) as compare to earlier. Biological ETP consisting of mixing chamber (2 Nos. x 1.5 KL), Aeration tank (50 KL), Settling tank (20 KL).
7. During inspection MEE plant is in operation. No odour nuisance was observed near cooling tower area. No spillages were observed within industry premises.
8. Provided dome covers to the effluent collection tanks (HTDS & LTDS) and connected to scrubber.
9. The industry has coal fired boilers of capacity 3 TPH and 5 TPH (stand by) provided common Mechanical dust collector as Air Pollution Control equipment followed by common chimney of height of 30 mts. The industry has Thermic fluid heater of capacity 2 Lakh K.Cal/hr and provided chimney of height 15 mtrs and 125 KVA, 63 KVA DG sets.
10. The industry has provided two numbers of 2 stage scrubbers with PH meters to control process emissions. During the inspection, Scrubbers are in operation. The industry is maintaining the records.
11. The industry has provided IP camera at flow meters of combined effluents (LTDS & HTDS) and RO permeate and connected the same to TSPCB server. The industry has provided another IP camera at main gate entrance and connected to TSPCB server.
12. They provided 2 Nos. of new PTZ IP cameras at ZLD area and Boiler stack area. They also provided separate IP camera for biological ETP area and the industry representative has informed that they connected the same to TSPCB server.
13. The industry has not provided Solvent Recovery Plant. The industry representative informed that they are reusing the solvents after simple distillation and also sending to authorised solvent recovery units.

14. The industry has provided shed for storage of drums and observed that they are storing the same inside the shed. (179)
15. They provided VOC meter near office room near main gate area and same is connected to Board's website.
16. The board has collected samples from cooling towers on 27.05.2023 to ensure usage of untreated effluent in cooling towers. The values of the analysis reports are as given below:

Parameter	Cooling tower - Condenser	Cooling tower - Jacket	Cooling tower - Chilling plant - KC3	Cooling tower - Chilling plant - KC9
pH	7.5	6.83	7.88	6.58
TSS	30	24	38	28
TDS	720	698	430	598
COD	180	212	164	160

Note: All values are in mg/L, except pH.

18. **WHEREAS**, vide reference 14th cited, the above industry was reviewed in the Task Force Committee meeting held on 07.08.2023. After detailed discussion, the Committee recommended to defer the industry and also recommended to inspect the industry by the Task Force Committee Members and submit the status report to the Board within one week. The RO-Nalgonda was instructed to coordinate with EE, R&B to resolve the storm water drainage issue.
19. **WHEREAS**, vide reference 15th cited, the Hon'ble High Court orders dt.08.08.2023 regarding Environmental Compensation Levied by the TSPCB.
20. **WHEREAS**, vide reference 16th cite, the Task Force Committee Members inspected the industry on 10.08.2023 & 11.08.2023 and the details are as follows:
- The industry was in operation during inspection.
 - The industry has provided above ground level RCC tanks of capacity 2x20 KL, 3x30 KL for storage of effluents (HTDS & LTDS combined).
 - The industry is having ZLD system consisting of Stripper, MEE& ATFD and Biological ETP.
 - The industry shall maintain adequate bio-culture / MLSS in the aeration tank to operate biological ETP effectively thereby reduce load on the RO.
 - The industry provided PIION solution spray system at MEE area to control odour.
 - The industry has provided aeration tanks for Biological ETP. No biological culture / bacteria (MLSS) is developed in aeration tank. Hence, the industry is not operating the Biological ETP effectively as aeration tank is not in stabilized condition with proper bio-culture.
 - It was observed that, RO inlet effluent and RO permeate are in same colour and not having any difference, which means RO is not functioning.
 - During the inspection, heavy fumes (HCL fumes) were observed from the production block-II scrubber (pH was maintained as 13) thereby causing air pollution in the surroundings. The committee recommended that, the industry has to upgrade the double stage scrubbers to triple stage scrubbers for effective control of process emissions.
21. **WHEREAS**, vide reference 17th cited, you were given an opportunity of hearing before the Task Force Committee during the meeting held on 28.08.2023. The Complainants & industry representatives (Virtually), RO-Nalgonda have attended the meeting. After detailed discussions, the Committee recommended to issue certain directions to your industry and also recommended to forfeit the Bank Guarantee of Rs.12.0 Lakhs.
22. **WHEREAS**, after careful consideration of the material facts of the case, **the Board hereby issues the following directions to the industry:**
- The industry shall comply with all conditions stipulated in the CFO&HWA order issued by the Board scrupulously.
 - The industry shall comply with all the conditions stipulated in the directions Order dated: 30.05.2023.

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3. The industry shall pay the Environmental Compensation (EC) of Rs.51,80,000/- as per the Hon'ble NGT Orders vide order dated:21.06.2023, you are hereby directed to deposit an amount of Rs.51,80,000/- (Rupees Fifty One Lakhs Eighty Thousand Only) towards Environmental Compensation. The amount shall be deposited by way of D.D drawn in favour of "Member Secretary, T.S Pollution Control Board" payable at Hyderabad.
 4. The industry shall continuously operate ZLD system so as to treat all the effluent and shall reuse all the treated effluent for plant needs and shall maintain the records.
 5. The industry shall maintain adequate bio-culture / MLSS in the aeration tank to operate biological ETP effectively thereby reduce load on the RO.
 6. The industry shall provide/maintain operate digital flow meters with IP cameras to ZLD system & provide/ maintain IP camera at main gate entrance. The industry shall provide / maintain PTZ camera to cover ZLD & boiler area. All the cameras shall be connected to the TSPCB Server.
 7. The industry shall provide first runoff of rainwater & seepage collection pit with proper bypass arrangement for free flow of subsequent rain water (24 kL/acre). The collected contaminated rain water shall be pumped and stored in above ground level tank of adequate capacity and the same shall be treated within the premises or send to CETP for further treatment and disposal.
 8. The industry shall provide digital flow meter for the first run off water and shall treat in their ZLD / dispose to CETP for further treatment.
 9. The industry shall submit a fresh Bank Guarantee of Rs.12.0 Lakhs towards compliance of the above directions in favour of the Member Secretary, TSPCB, Hyderabad for a period of one year at concerned Regional office within in a week.
 10. The industry shall recoup the Bank Guarantee of Rs.12.0 Lakhs towards Bank Guarantee forfeited to the Board. The industry shall revalidate the Bank Guarantee from time to time before its expiry, till further orders of the Board.
23. These orders are issued under Section 33(A) of Water (Prevention and Control of Pollution) Act, 1974 (as amended by Act 53 of 1988).
24. The above mentioned directives shall be implemented by the industry, failing which legal action will be initiated against your industry under Section 33(A) of Water (Prevention and Control of Pollution) Act, 1974 (as amended by Act 53 of 1988), directing closure of the industry in the interest of Public Health and Environment without any further notice.

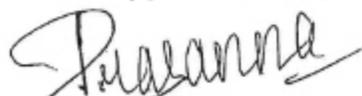
Sd/-
MEMBER SECRETARY

To
M/s. Archimedis Laboratories (P) Ltd.,
Sy.No.238, Dhotigudem (V), Pochampally (M),
Yadadri Bhuvnagiri District.

Copy to:

1. The JCEE, Z.O, R.C. Puram for information and necessary action.
2. The Environmental Engineer, Regional Office, Nalgonda for information necessary action. The RO is directed coordinate with the Task Force Committee Members to inspect the industry after four weeks to verify the compliances status of the industry.
3. Concerned file.

//T.C.F.B.O//



Senior Environmental Engineer
(Task Force - UH-IV)

This Order has the Digital Approval by the Member Secretary.



TELANGANA STATE POLLUTION CONTROL BOARD
PARYAVARAN BHAVAN, A - 3, INDUSTRIAL ESTATE,
SANATHNAGAR, HYDERABAD - 500 018.

Phone: 040-23887500
Fax: 040-23815631
Website: tspcb.cgg.gov.in

BY REGD. POST WITH ACK. DUE

ORDER ISSUED UNDER AIR (P&C) AMENDMENT ACT, 1987

Order No. NLG-40/TSPCB/TF/HO/2023- 753 (181)

Date: 13.09.2023

Sub : TSPCB - M/s. Archimedis Laboratories (P) Ltd., Sy.No.238, Dhotigudem (V), Pochampally (M), Yadadri Bhuvanagiri District - Air (Prevention and Control of Pollution) Act 1981 (as amended by Act 47 of 1987) - **DIRECTIONS - ORDERS ISSUED** - Reg.

SOI
DESPATCH NO:
DATE: 14 SEP 2023

- Ref :**
1. CFO&HWA order dt.15.01.2021 valid up to 30.11.2025.
 2. Directions Order dated: 02.03.2022 & 14.07.2022.
 3. CPCB Letter No.F.No.B-29016/04/06/IPC-I/438, Dt.19.09.2022, received on 13.10.2022 /28.10.2022.
 4. Hon'ble NGT, (SZ), Chennai Orders dated 31.10.2022 in O.A.No.97 of 2021.
 5. Additional Directions Order dated: 06.12.2022.
 6. The Hon'ble NGT, Chennai has issued directions vide Order dated: 17.01.2023.
 7. EPTRI, Hyderabad Study report dt.24.04.2023.
 8. Directions Order dated: 30.05.2023.
 9. Directions issued on 21.06.2023 for for Levying of Environmental Compensation.
 10. The Rolling Task Force team inspected the industry on 17.06.2023 & 01.07.2023.
 11. The Board received a complaint on twitter by Sri Panduchoppari@panduchoppari on 31.07.2023 regarding colored water stagnation in the Dhotigudem area and the same complaint forwarded by the District Collector, Yadadri Bhuvanagir.
 12. Complaints received from Villagers of Dhotigudem, Anthammagudem & Malkapur against the Pharma industries located in Dhotigudem village regarding pollution problems.
 13. The RO-Nalgonda Officials inspected the industry on 28.07.2023.
 14. Hearing held on 07.08.2023.
 15. Hon'ble High Court orders dt.08.08.2023 regarding Environmental Compensation Levied by the TSPCB.
 16. The Task Force Committee Members inspected the industry on 10.08.2023 & 11.08.2023.
 17. Hearing held on 28.08.2023.

* * * * *

1. **WHEREAS**, you are operating Bulk Drugs manufacturing unit located at Sy.No.238, Dhotigudem (V), Pochampally (M), Yadadri Bhuvanagiri District.
2. **WHEREAS**, vide reference 1st cited, the Board issued CFO&HWA (renewal) to the industry on 15.01.2021 with a validity up to 30.11.2025.
3. **WHEREAS**, vide reference 2nd cited, the Board issued certain directions to the industry on 02.03.2022, 14.07.2022 in connection with complaints.
4. **WHEREAS**, vide reference 3rd cited, CPCB issued certain directions to the Board in connection with O.A No. 97 of 2021 filed by Sri Ravula Linga Swamy, S/o. Yadaiah and Others, Anthammagudem Village, Pochampally Mandal, Yadadri Bhuvanagiri District before Hon'ble NGT(SZ), Chennai.
5. **WHEREAS**, vide reference 4th cited, the Hon'ble NGT vide Order dated 31.10.2022 issued directions to the Board to implement the directions given by the CPCB to the Board and also to assess the compensation for the alleged deliberate violations by the industries.
6. **WHEREAS**, vide reference 5th cited, the Board issued further directions to the industry on 06.12.2022 based on the observation made in the CPCB report.

- 7. **WHEREAS**, vide reference 6th cited, the Hon'ble NGT, Chennai vide Order dated: 17.01.2023 in O.A No.97 of 2021, directed the TSPCB to furnish the compliance report on water & soil analysis.
- 8. **WHEREAS**, vide reference 7th cited, EPTRI, Hyderabad has submitted study report dt.24.04.2023 on water & soil monitoring in Dothigudem industrial cluster. As per the study report, certain bore wells are contaminated with the chemicals and the same were matched with the products and derivatives of all the 8 industries located in the area.
- 9. **WHEREAS**, the TSPCB filed a report dt.25.04.2023 before Hon'ble NGT submitting that the TSPCB will take necessary action, based on the finding of the study report dated 24.04.2023 of M/s Environment Protection Training & Research Institute (EPTRI), Gachibowli, Hyderabad.
- 10. **WHEREAS**, vide reference 8th cited, the Board issued directions to the industry on 30.05.2023 to comply.
- 11. **WHEREAS**, vide reference 9th cited, the industry was reviewed in the Task Force Committee meeting held on 13.06.2023. Based on the recommendations of the Committee, the Board issued directions dt.21.06.2023 for levying Environmental Compensation (EC) of Rs. **51,80,000/-** along with other directions.
- 12. **WHEREAS**, vide reference 10th cited, the Rolling Task Force Team inspected the industry on 17.06.2023 & 01.07.2023 and certain observations were made.
- 13. **WHEREAS**, the industry have filed a Writ Petitions before Hon'ble High Court of Telangana praying the Hon'ble High Court to declare the orders issued by the Respondent Board directing the petitioner industry to deposit an amount towards Environmental Compensation without giving any notice as arbitrary and irregular, contrary to law, without power and jurisdiction and set aside the same.
- 14. **WHEREAS**, the Hon'ble High Court passed an orders dt.08.08.2023 in the WP No.18213 of 2023, the composite order dated:21.06.2023 issued to the industry by the Board is quashed and set aside and the operative portion of the order reads as under.

"for the afore-mentioned reasons, order dated:2106.2023 passed by the Board cannot be sustained in the eye of law. Accordingly, it is quashed and set aside. The matter is remitted to the Board to consider the grounds taken by the petitioner in the explanati0oni dated:02.06.2023. Needless to state that the Board shall also consider the fact that consent for operation was granted to the petitioner on 08.02.2023 as well as the fact that the petitioner was not a party to the order dated: 17.01.2023 passed by National Green Tribunal in OA.No.97 of 2021. The Board shall afford and opportunity of hearing to the petitioner and shall by speaking order conclude the proceeding initiated in pursuance to show cause notice dated; 22.05.20232 . it is made clear that this court has not expressed any opinion on merits of the matter.

- 15. **WHEREAS**, vide reference 11th cited, the Board received a complaint on twitter by Sri Panduchoppari@panduchoppari on 31.07.2023 regarding colored water stagnation in the Dothigudem area. The Board also received the same complaint by Sri Panduchoppari regarding colored water stagnation in the Dothigudem area forwarded by the District Collector, Yadadri-Bhuvanagiri District.
- 16. **WHEREAS**, vide reference 12th cited, the Board received complaints from Villagers of Dothigudem, Anthammagudem & Malkapur against the Pharma industries located in Dothigudem village regarding pollution problems.
- 17. **WHEREAS**, vide reference 13th cited, the RO-Nalgonda Officials inspected the industry on 28.07.2023 and the following observations were made:

- a) The industry is in operation during inspection.
- b) The status of compliance of the industry on Board Task Force directions Order dt.14.07.2022 issued Under Air (P&C) Amendment Act, 1987 is submitted below:

S. No	Direction	Compliance
1	The industry shall provide / maintain dome with suction hood followed by scrubber to the High TDS effluent collection tanks to control the emissions within one month.	Complied. Provided dome covers to the effluent collection tanks and connected to scrubber.

2	The industry shall continuously operate multi stage scrubbers with online pH monitoring system to control process emissions from all production blocks and to prevent odour nuisance problems and maintain the log records separately for each scrubber duly showing the hours of operation, maintenance taken up, quantity of scrubber liquid used, maintain of pH levels etc.	<ul style="list-style-type: none"> Scrubbers are under operation. The industry is maintaining the records. They provided pH meters for scrubbers and maintaining log books. <p style="text-align: center;">183</p>
3	The industry shall provide / maintain the vent condensers for all the solvent storage / chemical storage tanks to control the fugitive emissions.	Provided vent condensers for chemical storage tanks.
4	The industry shall provide odour suppressant mist spray / sprinkle "PIION" liquid at effluent treatment area to contain VOCs.	Provided and same is under operation.
5	The industry shall provide online VOC analyser and connect the same to Board's website.	They provided VOC meter near office room near main gate area and same is connected to Boards website.
6	The industry shall comply with the Standard Operating Procedure (SOP) specified for solvent recovery plants by CPCB,	The industry has not provided Solvent Recovery Plant. The industry representative informed that they are reusing the solvents after simple distillation and also sending to authorised solvent recovery units.
7	The industry shall install sub cooler condensers system followed by activated charcoal bed so as to arrest the VOCs from the scrubber attached to ATFD within a month.	Complied. Provided sub cooler condensers system followed by activated charcoal bed so as to arrest the VOCs from the scrubber attached to ATFD.
8	The industry shall install the sub cooler condensers system followed by activated charcoal bed to the vents of scrubbing systems so as to arrest the VOCs within a month.	Provided sub cooler condensers system followed by activated charcoal bed so as to arrest the VOCs from the scrubber attached to production Blocks.

c) The status of compliance of the industry on Board Task Force Additional directions Order dt.21.06.2023 issued Under Air & Water (P&C) Amendment Acts is submitted below:

S. No.	Directions	Compliance
1	The industry shall maintain sufficient free board to avoid overflows in effluent collection tanks and shall dispose the same as per CFO & HWA conditions.	No over flow/ spillages were observed.
2	The industry shall not stock the effluents in the collection tanks and shall treat the effluents in ZLD system / send to the CETP to avoid any over flow in view of the rainy season.	During inspection, ZLD system (MEE system and Bio ETP system) was under operation.

d) Compliance with regard to Schedule-B conditions of CFO order No.210822720096, dt.15.01.2021.

S. No	Condition	Compliance																								
1	The industry shall take steps to reduce water consumption to the extent possible and consumption shall NOT exceed the quantities mentioned below:	As per the records, during the last 6 months period of Jan'2023 to Jun'2023, the average water consumption is 60.55 KLD against the consented quantity of 68.115 KLD. The effluents generation is 22.83 KLD (avg) against the consented quantity of 24.144 KLD.																								
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4	The industry shall not manufacture any un-consented products and exceeding capacities without obtaining prior Consent for Establishment (CFE) and Consent for Operation (CFO) of the Board.	As per the records, during the last 6 months period of Jan'2023 to Jun'2023, the industry has manufactured 4 consented products with total quantity of 227.6 Kgs/day (avg) as against consented capacity 666.68 Kg/day). Details enclosed.																																										
5	The industry shall comply with emission limits for DG sets of capacity upto 800 KW as per the Notification G.S.R.520 (E), dated 01.07.2003 under the Environment (Protection) Amendment Rules, 2003 and G.S.R.448 (E), dated 12.07.2004 under the Environment (Protection) Second Amendment Rules, 2004. In case of DG sets of capacity more than 800 KW shall comply with emission limits as per the Notification G.S.R.489 (E), dated 09.07.2002 at serial no.96, under the Environment (Protection) Act, 1986.	Complied																																										
4	<p>The industry shall comply with ambient air quality standards of PM₁₀ (Particulate Matter size less than 10µm) - 100 µg/ m³; PM_{2.5} (Particulate Matter size less than 2.5 µm) - 60 µg/ m³; SO₂ - 80 µg/ m³; NO_x - 80 µg/m³, outside the factory premises at the periphery of the industry.</p> <p>Standards for other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009</p> <p>Noise Levels: Day time - (6 AM to 10 PM) - 75 dB (A) Night time - (10 PM to 6 AM) - 70 dB (A).</p>	--																																										

5	The industry has paid CFO fee of Rs.18,25,000/- for 5 years period i.e. upto 30.11.2025.	-- (185)
6	The industry either paying annual fee or total fee for Consented period, shall pay the balance fee as per the revised rates as applicable from time to time.	--
7	The industry shall segregate effluents into LTDS & HTDS effluents separately.	The industry has provided above ground level RCC tanks of capacity 2x20 KL, 3x30 KL for storage of combined effluents and treating all the effluents in the MEE system.
8	The industry shall maintain vent condensers for chemical / solvent storage tanks to control fugitive emissions.	The industry has provided vent condensers with Brine circulation to all bulk solvent storage tanks.
9	The industry shall maintain separate water meters for recording water consumption for process, boiler feed, cooling and domestic purposes and also maintain daily records	Complied
10	The industry shall maintain digital flow meters with totalizers (RS-485 communication) for recording the quantity of HTDS, LTDS effluent and RO permeate also maintain daily records. They shall connect the flow totalizer data to TSPCB & CPCB servers as per CPCB protocol.	The industry has provided digital flow meters for combined effluents (for HTDS & LTDS), stripper feed, MEE feed, ATFD, RO feed, RO permeate, RO reject, Steam flow to meter MEE system and maintaining records. The industry has connected the digital flow meters of (HTDS + LTDS) combined effluents, RO permeate to TSPCB Server.
11	The industry shall provide and maintain double stage scrubber along with online pH monitoring system to all the production blocks to control of process emissions. They shall maintain log book for operation of scrubber for monitoring active scrubbing media.	The industry has provided 2 numbers of two stage scrubbers with online pH meters and maintaining operation records of scrubbers.
12	The industry shall monitor VOCs in ambient air with online VOC analyze with proper range & connect the same to TSPCB server.	The industry has provided online VOC analyzer and connected to TSPCB server.
13	The industry shall maintain elevated platform with leachate/spillages collection pit to store drums containing chemicals & wastes to control spillages / discharges of chemicals / effluents on ground.	Complied
14	During the maintenance / breakdown of ZLD system, the industry is permitted to send the LTDS effluents to CETP duly meeting the inlet standards stipulated at Schedule -B for not more than 15 days, in a calendar year.	--
15	The industry is permitted to send HTDS effluents to the MEE system of M/s. JETL, Jeedimetla for a period of maximum 15 days in a calendar year i.e. during maintenance / break down of Stripper, MEE & ATFD system and shall maintain records.	--
16	The industry shall maintain IP camera with PAN, TILT Zoom, 5x or above focal length, with night vision capability at effluent collection system (HTDS & LTDS) and RO permeate as per CPCB norms. They shall connect the data to CPCB & TSPCB server.	The industry has provided IP camera at flow meters of combined effluents and RO permeate and connected the same to TSPCB server.

17	The industry shall provide and operate IP Camera with PAN, Zoom, 5x or above focal length, with night vision capability, at main gate entrance & at other gates where there is movement of effluent tankers, Solvent tankers, Chemical tankers, Hazardous Waste carrying vehicles & other material carrying vehicles. These cameras shall be connected to the website of TSPCB, with minimum backup of three months.	The industry has provided IP camera at main gate entrance and connected to TSPCB server.
18	The industry shall install on line TDS meter for HTDS effluent generation and connect the same to TSPCB server. They shall maintain the records for effluent generation, TDS values, salts generation on daily basis.	Not provided TDS meter for HTDS effluent generation. However, the industry is maintaining effluent generation and salts generation details.
19	The industry shall develop greenbelt as per norm.	The industry has developed greenbelt in an area of about 1.5 Acres.
20	The industry shall maintain records on source of starting raw material / Intermediates for each product-wise and the consolidated records shall be submitted to R.O., Nalgonda every month along with invoice copies of the starting raw materials outsourced.	Complied.
21	The industry shall provide and maintain Stack Monitoring facility as per Emission Regulation part-3 (ERP-3) norms for all the major stacks of the industry.	Complied
22	The industry shall ensure that the Port hole and ladder facility for the Stacks is safe to carry out Stack monitoring. In place of monkey ladder, spiral type/scaffold ladder shall be provided to ensure safety of monitoring personnel.	Complied
23	The industry shall provide adequate closed storage facilities above the ground with proper lining for storage of effluents before its treatment.	Complied
24	The industry shall not discharge any effluents onland within or outside the plant premises.	During inspection, no discharge of effluents was observed.
25	The industry shall provide storm water drains to avoid mixing of effluent/spillages with run-off water during rains within one month as committed during the meeting.	Complied.
26	The industry shall provide sufficient storage collection tank to ensure the collection of first run off rain water.	Provided rain water collection tanks of 100 KL capacity (20 KL, 20 KL & 60 KL below ground level) with bypass.
27	The industry shall provide arrangement to bypass the rain water collection tank of first run off rain water for subsequent water flow.	Complied
28	The industry shall take measures to prevent the seepages such as cement concrete flooring with proper collection system to collect contaminants / spillages in the relevant areas in the industry premises and avoid seepages outside the industry premises.	Complied
29	The industry shall maintain separate energy meters for recording energy consumption for air pollution control equipments and maintain record for daily energy consumption.	The industry has provided separate energy meter for ZLD system and Scrubbing system.

30	The evaporation losses in solvents shall be controlled by taking all preventive measures such as circulation of Chilled brine, transfer of solvents by using pumps instead of manual handling, closed centrifuges, providing primary & secondary condensers to all the reactor vents and all the solvent storage tanks and keeping solvent storage in ground storage tanks with closed pipeline to Reactors.	Complied (187)
31	The industry shall install and operate Solvent Recovery Plant in the plant premises. Solvents shall be recovered to the maximum extent possible and shall be reused. The industry shall submit status of efficiency of Solvent Recovery Plant to the concerned Regional Officer. The industry shall not dispose spent solvents / mixed spent solvents to the traders/ recyclers.	The industry has not provided Solvent Recovery Plant. The industry representative informed that they are reusing the solvents after simple distillation and also sending to authorised solvent recovery units.
32	(a) The industry shall maintain the following records and the same shall be made available to the Board Officials during the inspection. i) Daily production details. ii) Quantity of Effluents generated and reused. iii) Log Books for pollution control systems. iv) Daily solid waste generated and disposed. (b) The industry shall submit consolidated statement of the above on monthly basis to the Concerned Regional Office.	Maintained
33	As per G.O.Rt.No.286, the industry shall transport the industrial effluents and plying on the roads is allowed between 6 A.M. to 6 P.M. only.	--
34	The industry shall comply with Task Force directions issued by the Board from time to time.	Submitted below.
35	The applicant shall submit Environment statement in Form V to the Regional office before 30th September of every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.	Submitted
36	The conditions stipulated in this order are without any prejudice to rights and contentions of this Board in any Hon'ble court of Law.	--

Remarks:

1. M/s. Archimedis Laboratories (P) Ltd., Sy.No. 238, Dothigudem (V), Pochampally (M), Yadadri bhuvanagiri District is a Bulk Drug manufacturing unit.
2. The Board issued CFO & HWA to the industry vide order dated 15.01.2021 which is valid up to 30.11.2025 for manufacture of the following products.
3. The industry has obtained CFE Expansion order dated 15.07.2021 for increase in production and they are in the process to apply for CFO expansion.
4. The industry has provided above ground level RCC tanks of capacity 2x20 KL, 3x30 KL for storage of effluents (HTDS & LTDS combined).
5. The industry has provided effluents treatment system consisting of Collection cum neutralization tank, above ground level storage tanks, Filter Press, Stripper (50 KLD), MEE (50 KLD), ATFD (20 KLD) followed by Aeration tanks - 2x30 KL & Tubular settler (40 KL) and RO Plant (1.8 KL/hr).
6. The industry has installed new stripper (50 KLD) and additional Biological ETP with MBBR (25 KLD) as compare to earlier. Biological ETP consisting of mixing chamber (2 Nos. x 1.5 KL), Aeration tank (50 KL), Settling tank (20 KL).
7. During inspection MEE plant is in operation. No odour nuisance was observed near cooling tower area. No spillages were observed within industry premises.

8. Provided dome covers to the effluent collection tanks (HTDS & LTDS) and connected to scrubber.
9. The industry has coal fired boilers of capacity 3 TPH and 5 TPH (stand by) provided common Mechanical dust collector as Air Pollution Control equipment followed by common chimney of height of 30 mts. The industry has Thermic fluid heater of capacity 2 Lakh K.Cal/hr and provided chimney of height 15 mtrs and 125 KVA, 63 KVA DG sets.
10. The industry has provided two numbers of 2 stage scrubbers with PH meters to control process emissions. During the inspection, Scrubbers are in operation. The industry is maintaining the records.
11. The industry has provided IP camera at flow meters of combined effluents (LTDS & HTDS) and RO permeate and connected the same to TSPCB server. The industry has provided another IP camera at main gate entrance and connected to TSPCB server.
12. They provided 2 Nos. of new PTZ IP cameras at ZLD area and Boiler stack area. They also provided separate IP camera for biological ETP area and the industry representative has informed that they connected the same to TSPCB server.
13. The industry has not provided Solvent Recovery Plant. The industry representative informed that they are reusing the solvents after simple distillation and also sending to authorised solvent recovery units.
14. The industry has provided shed for storage of drums and observed that they are storing the same inside the shed.
15. They provided VOC meter near office room near main gate area and same is connected to Boards website.
16. The board has collected samples from cooling towers on 27.05.2023 to ensure usage of untreated effluent in cooling towers. The values of the analysis reports are as given below:

Parameter	Cooling tower - Condenser	Cooling tower - Jacket	Cooling tower - Chilling plant - KC3	Cooling tower - Chilling plant - KC9
pH	7.5	6.83	7.88	6.58
TSS	30	24	38	28
TDS	720	698	430	598
COD	180	212	164	160

Note: All values are in mg/L, except pH.

18. **WHEREAS**, vide reference 14th cited, the above industry was reviewed in the Task Force Committee meeting held on 07.08.2023. After detailed discussion, the Committee recommended to defer the industry and also recommended to inspect the industry by the Task Force Committee Members and submit the status report to the Board within one week. The RO-Nalgonda was instructed to coordinate with EE, R&B to resolve the storm water drainage issue.
19. **WHEREAS**, vide reference 15th cited, the Hon'ble High Court orders dt.08.08.2023 regarding Environmental Compensation Levied by the TSPCB.
20. **WHEREAS**, vide reference 16th cite, the Task Force Committee Members inspected the industry on 10.08.2023 & 11.08.2023 and the details are as follows:
 1. The industry was in operation during inspection.
 2. The industry has provided above ground level RCC tanks of capacity 2x20 KL, 3x30 KL for storage of effluents (HTDS & LTDS combined).
 3. The industry is having ZLD system consisting of Stripper, MEE& ATFD and Biological ETP.
 4. The industry provided PIION solution spray system at MEE area to control odour.
 5. The industry has provided aeration tanks for Biological ETP. No biological culture / bacteria (MLSS) is developed in aeration tank. Hence, the industry is not operating the Biological ETP effectively as aeration tank is not in stabilized condition with proper bio-culture.
 6. It was observed that, RO inlet effluent and RO permeate are in same colour and not having any difference, which means RO is not functioning.

7. During the inspection, heavy fumes (HCL fumes) were observed from the production block-II scrubber (pH was maintained as 13) thereby causing air pollution in the surroundings. The committee recommended that, the industry has to upgrade the double stage scrubbers to triple stage scrubbers for effective control of process emissions.

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21. **WHEREAS**, vide reference 17th cited, you were given an opportunity of hearing before the Task Force Committee during the meeting held on 28.08.2023. The Complainants & industry representatives (Virtually), RO-Nalgonda have attended the meeting. After detailed discussions, the Committee recommended to issue certain directions to your industry and also recommended to forfeit the Bank Guarantee of Rs.12.0 Lakhs.
22. **WHEREAS**, after careful consideration of the material facts of the case, **the Board hereby issues the following directions to the industry:**
1. The industry shall comply with all conditions stipulated in the CFO&HWA order issued by the Board scrupulously.
 2. The industry shall comply with all the conditions stipulated in the directions Order dated: 30.05.2023.
 3. The industry shall pay the Environmental Compensation (EC) of Rs.51,80,000/- as per the Hon'ble NGT Orders vide order dated:21.06.2023, you are hereby directed to deposit an amount of Rs.51,80,000/- (Rupees Fifty One Lakhs Eighty Thousand Only) towards Environmental Compensation. The amount shall be deposited by way of D.D drawn in favour of "Member Secretary, T.S Pollution Control Board" payable at Hyderabad.
 4. The industry shall provide odour suppressant mist spray / sprinkle "PIION" liquid at effluent treatment area to control VOCs within one month.
 5. The industry shall conduct the LDAR study once in six months. The industry shall take necessary measures as per the latest Leak Detection and Repair (LDAR) Study to arrest the solvent losses and reduce VOCs in the premises.
23. These orders are issued under Section 31(A) of the Air (Prevention and Control of Pollution) Act 1981 (as amended by Act 47 of 1987).
24. The above mentioned directives shall be implemented by the industry, failing which legal action will be initiated against your industry under Section 31(A) of the Air (Prevention and Control of Pollution) Act 1981 (as amended by Act 47 of 1987) directing closure of the industry in the interest of Public Health and Environment without any further notice.

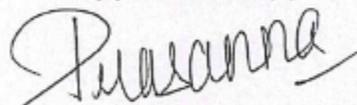
Sd/-
MEMBER SECRETARY

To
M/s. Archimedis Laboratories (P) Ltd.,
Sy.No.238, Dhotigudem (V), Pochampally (M),
Yadadri Bhuvnagiri District.

Copy to:

1. The JCEE, Z.O, R.C. Puram for information and necessary action.
2. The Environmental Engineer, Regional Office, Nalgonda for information necessary action. The RO is directed coordinate with the Task Force Committee Members to inspect the industry after four weeks to verify the compliances status of the industry.
3. Concerned file.

//T.C.F.B.O//


Senior Environmental Engineer
(Task Force - UH-IV)

This Order has the Digital Approval by the Member Secretary.



TELANGANA STATE POLLUTION CONTROL BOARD
PARYAVARAN BHAVAN, A - 3, INDUSTRIAL ESTATE,
SANATHNAGAR, HYDERABAD - 500 018.

Phone: 040-23887500
Fax: 040-23815631
Website: tspcb.cgg.gov.in

Letter No. NLG-40/TSPCB/TF/HO/2023-⁽¹⁹⁰⁾ 754

Date: 13.09.2023

DESPATCH NO:
DATE: 14 SEP 2023

Sub : TSPCB - M/s. Archimedis Laboratories (P) Ltd., Sy.No.238, Dhotigudem (V), Pochampally (M), Yadadri Bhuvnagiri District - Non-compliance of the Consent conditions and directions issued by the Board - **Forfeiture of Bank Guarantee of Rs.12.0 Lakhs**- Reg.

Ref : Task Force Committee meeting held on 28.08.2023.

* * * * *

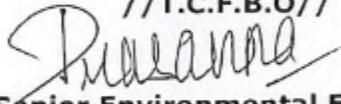
The Compliance status of the Board Directions and CFO&HWA conditions issued to **M/s. Archimedis Laboratories (P) Ltd., Sy.No.238, Dhotigudem (V), Pochampally (M), Yadadri Bhuvnagiri District** was reviewed in the Task Force Committee meeting held on 28.08.2023. After detailed discussions, the Committee recommended to impose the Bank Guarantee of Rs.12.0 lakhs and forfeit the same.

In view of the above, the EE, RO, Nalgonda is hereby directed to obtain a fresh B.G. of Rs.12.0 Lakhs and address a letter to the Bank authorities to forfeit Bank Guarantee amount of Rs.12.0 Lakhs immediately for non-compliance of the directions and obtain the forfeited amount by way of D.D drawn in favour of "Member Secretary, T.S Pollution Control Board" and submit to Board office.

Further, the RO is directed to obtain B.G. of Rs.12.0 Lakhs from the industry to recoup the amount of Bank Guarantee forfeited.

Sd/-
MEMBER SECRETARY

To
The Environmental Engineer,
T.S.Pollution Control Board,
Regional Office,
Nalgonda.

//T.C.F.B.O//

Senior Environmental Engineer
(Task Force - UH-IV)

This Order has the Digital Approval by the Member Secretary.



BY REGD. POST WITH ACK. DUE

Annexure - XI

ORDERS ISSUED UNDER WATER (P&CP) AMENDMENT ACT, 1988

Order No. NLG-48/TSPCB/TF/HO/2023- 748

Date: 13.09.2023

(191)

SPC
DESPATCH NO:
DATE: 14 SEP 2023

Sub : TSPCB - M/s. Optimus Drugs (P) Ltd., Dhothigudem (V), Pochampally (M), Yadadri Bhuvanagiri District - Water (Prevention and Control of Pollution) Act, 1974 (as amended by Act 53 of 1988) - **DIRECTIONS - ORDERS ISSUED** - Reg.

- Ref :**
1. CFO Order dt.16.03.2020 with a validity period up to 31.10.2023.
 2. Directions Order No.NLG-48/TSPCB/TF/HO/2016-2164, dt.02.03.2022 & 14.07.2022.
 3. CPCB Letter No.F.No.B-29016/04/06/IPC-I/438, Dt.19.09.2022, received on 13.10.2022 /28.10.2022.
 4. Hon'ble NGT, (SZ), Chennai Orders dated 31.10.2022 in O.A.No.97 of 2021.
 5. Directions Orders issued on 06.12.2022.
 6. The Hon'ble NGT, Chennai has issued directions vide Order dated: 17.01.2023.
 7. EPTRI, Hyderabad Study report dt.24.04.2023.
 8. Directions Order dated: 30.05.2023.
 9. Directions issued on 21.06.2023 for for Levying of Environmental Compensation.
 10. The Rolling Task Force team inspected the industry on 17.06.2023 & 01.07.2023.
 11. The Board received a complaint on twitter by Sri Panduchoppari@panduchoppari on 31.07.2023 and the same complaint forwarded by the District Collector, Yadadri Bhuvanagir.
 12. Complaints received from Villagers of Dhothigudem, Anthammagudem & Malkapur against the Pharma industries located in Dhothigudem village regarding pollution problems.
 13. The RO-Nalgonda Officials inspected the industry on 28.07.2023.
 14. Hearing held on 07.08.2023.
 15. Hon'ble High Court orders dt.08.08.2023 regarding Environmental Compensation Levied by the TSPCB.
 16. Hon'ble High Court orders in WP.No.17179 of 2023 dt.08.08.2023 regarding Environmental Compensation Levied by the TSPCB.
 17. The Task Force Committee Members inspected the industry on 10.08.2023 & 11.08.2023.
 18. Hearing held on 28.08.2023.

1. **WHEREAS**, you are operating the manufacturing of Bulk Drugs & Intermediates unit at Dhothigudem (V), Pochampally (M), Yadadri Bhuvanagiri District.
2. **WHEREAS**, vide reference 1st cited, the Board issued CFO & HWA (expansion Phase-I) to the industry vide order dated 16.03.2020 with a validity period up to 31.10.2023.
3. **WHEREAS**, vide reference 2nd cited, the Board issued directions to the industry on 02.03.2022 & 14.07.2022 in connection with complaints.
4. **WHEREAS**, vide reference 3rd cited, CPCB issued certain directions to the Board in connection with O.A No. 97 of 2021 filed by Sri Ravula Linga Swamy, S/o. Yadaiah and Others, Anthammagudem Village, Pochampally Mandal, Yadadri Bhuvanagiri District before Hon'ble NGT(SZ) Chennai.
5. **WHEREAS**, vide reference 4th cited, the Hon'ble NGT vide Order dated 31.10.2022 issued directions to the Board to implement the directions given by the CPCB to the Board and also assess the compensation for the alleged deliberate violations found in the CPCB report.

6. **WHEREAS**, vide reference 5th cited, the Board issued further directions to the industry on 06.12.2022 based on the observations made in the CPCB report.
7. **WHEREAS**, vide reference 6th cited, the Hon'ble NGT, Chennai vide Order dated: 17.01.2023 directed the TSPCB to furnish the compliance report on water & soil analysis.
8. **WHEREAS**, vide reference 7th cited, EPTRI, Hyderabad has submitted study report dt.24.04.2023 on water & soil monitoring in Dothigudem industrial cluster. As per the study report, certain bore wells are contaminated with the chemicals and the same were matched with the products and derivatives of all the 8 industries located in the area.
9. **WHEREAS**, The TSPCB filed a report dt.25.04.2023 before Hon'ble NGT submitting that the TSPCB will take necessary action, based on the finding of the study report dated 24.04.2023 of M/s Environment Protection Training & Research Institute (EPTRI), Gachibowli, Hyderabad.
10. **WHEREAS**, vide reference 8th cited, the Board issued directions to the industry on 30.05.2023 to comply with.
11. **WHEREAS**, vide reference 9th cited, the industry was reviewed in the Task Force Committee meeting held on 13.06.2023. Based on the recommendations of the Committee, the Board issued directions dt.21.06.2023 for levying Environmental Compensation (EC) of Rs.77,70,000-/-.
12. **WHEREAS**, vide reference 10th cited, the Rolling Task Force Team inspected the industry on 17.06.2023 & 01.07.2023 and certain observations were made.
13. **WHEREAS**, the industry have filed a Writ Petitions before Hon'ble High Court of Telangana praying the Hon'ble High Court to declare the orders issued by the Respondent Board directing the petitioner industry to deposit an amount towards Environmental Compensation without giving any notice as arbitrary and irregular, contrary to law, without power and jurisdiction and set aside the same.
14. **WHEREAS**, the Hon'ble High Court passed an orders dt.08.08.2023 in the WP No.17179 of 2023, the composite order dated:21.06.2023 issued to the industry by the Board is quashed and set aside and the operative portion of the order reads as under.

"for the afore-mentioned reasons, order dated:2106.2023 passed by the Board cannot be sustained in the eye of law. Accordingly, it is quashed and set aside. The matter is remitted to the Board to consider the grounds taken by the petitioner in the explanati0oni dated:02.06.2023. Needless to state that the Board shall also consider the fact that consent for operation was granted to the petitioner on 08.02.2023 as well as the fact that the petitioner was not a party to the order dated: 17.01.2023 passed by National Green Tribunal in OA.No.97 of 2021. The Board shall affortd and opportunity of hearing to the petitioner and shall by speaking order conclude the proceeding initiated in pursuance to show cause notice dated; 22.05.20232 . it is made clear that this court has not expressed any opinion on merits of the matter.

15. **WHEREAS**, vide reference 11th cited, the Board received a complaint on twitter by Sri Panduchoppari@panduchoppari on 31.07.2023 regarding colored water stagnation in the Dothigudem area. The Board also received the same complaint by Sri Panduchoppari regarding colored water stagnation in the Dothigudem area forwarded by the District Collector, Yadadri-Bhuvanagiri District.
16. **WHEREAS**, vide reference 12th cited, the Board received complaints from Villagers of Dothigudem, Anthammagudem & Malkapur against the Pharma industries located in Dothigudem village regarding pollution problems.
17. **WHEREAS**, vide reference 13th cited, the RO-Nalgonda Officials inspected the industry on 28.07.2023 and the following observations were made:
 1. The industry is in operation during inspection.

- The status of compliance of the industry on Board Task Force Additional directions order dt.30.05.2023 issued Under **Water** (P&CP) Amendment Act, 1988 is submitted below:

SL. No	Direction	Compliance
1	The industry shall comply with all conditions stipulated in the CFO&HWA order issued by the Board scrupulously.	Submitted below
2	The industry shall continue to segregate the effluents into HTDS and LTDS.	Complied
3	The industry shall regularly operate the New ZLD system for treatment of effluents. The HTDS effluents shall be treated in stripper, MEE and ATFD. The condensate & LTDS effluents shall be treated in Biological ETP followed RO system and treated effluents shall be reused in the plant. The RO rejects shall be sent to MEE for forced evaporation.	Provided ZLD system consists of Stripper (225 KLD), MEE (225 KLD), ATFD (62 KLD), Biological ETP (400 KLD) followed by RO plant (400 KLD). During the inspection, Biological ETP & RO were in operation.
4	The industry shall install & maintain online TDS meter for HTDS effluent generation and connect the same to TSPCB server.	The industry has provided online TDS meter and connected to Board server.
5	The industry shall provide first run off rain water & seepage collection pit with proper bypass arrangement for free flow of subsequent rain water (24 kL/acre). The collected contaminated rain water shall be pumped and stored in above ground level tank of adequate capacity and the same shall be treated within the premises or send to CETP for further treatment.	The Industry provided 400 KL capacity of rain water collection tank with bypass arrangement. They made arrangement to treat the same in ZLD system.
6	The industry shall not discharge any effluent/ leakages / spillages / seepages etc. within the premises and outside the industry premises under any circumstances.	During the inspection, no discharges were observed.
7	The industry shall store drums containing raw material / in process goods / MLs /spent solvents / wastes etc., on the concrete platform under covered shed with dyke walls & proper leachate collection system and the industry shall not store drums openly on ground.	The industry has provided separate shed for storage of drums.
8	The industry shall collect & store the hazardous waste in an elevated closed shed with impervious lining and leachate collection system. The industry shall dispose the Hazardous Waste regularly in accordance with the CFO&HW order and shall not store beyond 90 days.	The industry has shed for storage of HW with leachate collection system.
9	The industry shall continuously operate the online monitoring system provided to the HTDS, LTDS & RO permeate as per the directions of CPCB and shall ensure continuous data transmission to the TSPCB server.	The industry has provided digital flow meters at HTDS, LTDS & RO permeate and connected to Board's server.
10	The industry shall provide & maintain operate IP cameras at main gate entrance and shall be connected to the TSPCB Server.	The industry provided 4 Nos. of PTZ IP cameras at main gate (east), Production block V area (North-west corner), Boiler stack area, ETP area in order to cover total ZLD area.
11	The industry shall provide PTZ (Pan Tilt Zoom) cameras to focus the entire premises duly covering ZLD area, boiler stack and entire boundary of the plant.	
12	The industry shall not use any flexible pipelines within the premises for transfer of effluents / wastewater. All the effluent conveying pipe lines shall be fixed.	Complied

13	The industry shall not use effluents or any waste water in cooling towers and shall check the quality of the cooling circulation water regularly.	Complied
14	The industry shall maintain proper housekeeping within the premises.	Maintained
15	The industry shall extend the Bank Guarantee from time to time till further orders from the Board.	Complied. BG NO.3326IGPOOO348023 Rs.2,00,000/- dt.02.02.2023 valid upto 31.01.2024 & BG NO.3326IGFINOOO420 Rs.6,00,000/- dt.11.03.2023 valid upto 11.03.2024

The status of compliance of the industry on Board Task Force Levying of Environmental Compensation Additional directions Order dt.21.06.2023:

S. No	Direction	Compliance
1	The industry shall maintain sufficient free board to avoid overflows in effluent collection tanks and shall dispose the same as per CFO & HWA conditions.	Submitted below
2	The industry shall not stock the effluents in the collections tanks and shall treat the effluents in ZLD system / send to the CETP to avoid any over flow in view of the rainy season.	Directed to comply

Compliance with regard to Schedule-B conditions of CFOCF0 order No. 230524293457, dt.08.02.2023

S. No.	Condition	Compliance																																																																										
1	The industry shall restrict the Production Capacity and other pollution loads to 75% only against the total capacity. The industry shall obtain permission from the Board before going for 100% production capacity.	Complied As per the records, during the last 6 months period of Jan'2023 to June'2023, the industry has manufactured 37 consented products along with R & D products and the quantity manufactured is 323.8 Kgs/day (avg.) as against consented 5033.33 Kg/day.																																																																										
2	The industry shall pay the required fee during going for 100% production capacity.	Directed to comply																																																																										
3	Total fresh Water Consumption shall not exceed 702.8 KLD: <table border="1" style="width: 100%; margin-top: 10px;"> <thead> <tr> <th>S. No.</th> <th>Purpose</th> <th>Quantity (KLD)</th> </tr> </thead> <tbody> <tr><td>1</td><td>Process</td><td>181.8</td></tr> <tr><td>2</td><td>Washings</td><td>30</td></tr> <tr><td>3</td><td>QC and R & D</td><td>5</td></tr> <tr><td>4</td><td>Scrubber</td><td>25</td></tr> <tr><td>5</td><td>Boiler feed</td><td>96</td></tr> <tr><td>6</td><td>Cooling tower make up</td><td>270</td></tr> <tr><td>7</td><td>Domestic</td><td>65</td></tr> <tr><td>8</td><td>Gardening</td><td>30</td></tr> <tr><td colspan="2">Total</td><td>*702.8 (Fresh - 380.8 KLD + Recycled treated water - 322 KLD)</td></tr> </tbody> </table> <p>*The industry shall restrict the Water Consumption to 75% only against the total capacity as mentioned above.</p>	S. No.	Purpose	Quantity (KLD)	1	Process	181.8	2	Washings	30	3	QC and R & D	5	4	Scrubber	25	5	Boiler feed	96	6	Cooling tower make up	270	7	Domestic	65	8	Gardening	30	Total		*702.8 (Fresh - 380.8 KLD + Recycled treated water - 322 KLD)	As per the records, during the last 6 months period of Jan'2023 to June'2023, the water consumption is 99.8 KLD (avg.) as against the permitted 527.1 KLD. The effluent generation is 45.5 KLD (avg) as against the permitted 275.24 KLD.																																												
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5	<p>The emissions shall not contain constituents in excess of the prescribed limits mentioned below.</p> <table border="1" data-bbox="430 143 1039 385"> <thead> <tr> <th>Chimney No.</th> <th>Description of Chimney</th> <th>Parameter</th> <th>Emission standards</th> </tr> </thead> <tbody> <tr> <td rowspan="3">1</td> <td rowspan="3">Attached to Coal fired boiler of capacity 1 x 6 TPH & 1 x 3 TPH</td> <td>SPM</td> <td>115 mg/lm³</td> </tr> <tr> <td>SO₂ *</td> <td>500 mg/lm³ At 6% dry O₂ for solid fuel and 3% dry O₂ for liquid fuel</td> </tr> <tr> <td>NO_x *</td> <td>300 mg/lm³ At 6% dry O₂ for solid fuel and 3% dry O₂ for liquid fuel</td> </tr> <tr> <td>2</td> <td>Process emission</td> <td>HCl</td> <td>35 mg/lm³</td> </tr> <tr> <td>3</td> <td>Attached to D.G. Set of capacity 1 x 1010 KVA & 3 x 500 KVA</td> <td>SPM</td> <td>115 mg/lm³</td> </tr> </tbody> </table> <p>*As per MoEF&CC Notification No.GSR 96(E), dt. 29.01.2018 published under the Environment (Protection) Rules, 1986</p>	Chimney No.	Description of Chimney	Parameter	Emission standards	1	Attached to Coal fired boiler of capacity 1 x 6 TPH & 1 x 3 TPH	SPM	115 mg/lm ³	SO ₂ *	500 mg/lm ³ At 6% dry O ₂ for solid fuel and 3% dry O ₂ for liquid fuel	NO _x *	300 mg/lm ³ At 6% dry O ₂ for solid fuel and 3% dry O ₂ for liquid fuel	2	Process emission	HCl	35 mg/lm ³	3	Attached to D.G. Set of capacity 1 x 1010 KVA & 3 x 500 KVA	SPM	115 mg/lm ³	<p>--</p> <p style="text-align: center;">195</p>
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4	<p>The industry shall not manufacture any un-consented products and exceeding capacities without obtaining prior Consent for Establishment (CFE) and Consent for Operation (CFO) of the Board.</p>	<p>As per the records, during the last 6 months period of Jan'2023 to June'2023, the industry has manufactured 37 consented products along with R & D products and the quantity manufactured is 323.8 Kgs/day (avg.) as against consented 5033.33 Kg/day.</p>																				
5	<p>The industry shall comply with emission limits for DG sets upto 800 KW as per the Notification G.S.R.520 (E), dated 01.07.2003 under the Environment (Protection) Amendment Rules, 2003 and G.S.R.448(E), dated 12.07.2004 under the Environment (Protection) Second Amendment Rules, 2004. In case of DG sets more than 800 KW should comply with emission limits as per the Notification G.S.R.489 (E), dated 09.07.2002 at serial no.96, under the Environment (Protection) Act, 1986.</p>	<p>--</p>																				
6	<p>The industry shall comply with ambient air quality standards of PM10 (Particulate Matter size less than 10µm) - 100 µg/ m³; PM2.5(Particulate Matter size less than 2.5 µm) - 60 µg/ m³; SO₂ - 80 µg/ m³; NO_x - 80 µg/m³, outside the factory premises at the periphery of the industry. Standards for other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009. Noise Levels: Day time-(6 AM to 10PM)-75 dB (A) Night time-(10PM to 6 AM)-70 dB (A).</p>	<p>--</p>																				
7	<p>The existing CFO & HWA order dt. 23.06.2021 with a validity upto 31.10.2026 stands cancelled.</p>	<p>--</p>																				
8	<p>The industry has paid CFO fee Rs. 3,75,000/- for a period upto 31.03.2024 on the reduced project cost.</p>	<p>--</p>																				
9	<p>The industry shall pay balance consent fee annually as per rates notified in G.O.Ms.No.22. The payment of annual consent fee shall be made at the concerned RO for every financial year (i.e., April to March) within the stipulated time period i.e., 1st quarter of every financial year (April to June) is mandatory for the industry / project, failing which, the validity of the Consent Order automatically stands cancelled and operation industry / project without valid consent attracts penal action under the provision of Water Act, Air Act & Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.</p>	<p>Complied</p>																				

10	The industry either paying annual fee or total fee for Consented period, shall pay the balance fee as per the revised rates as applicable from time to time.	Complied
11	The industry shall maintain separate water meters for recording water consumption for process, boiler feed, cooling and domestic purposes and also maintain daily records.	The industry has provided water meters at raw water inlet, boiler feed, process and domestic purpose.
12	The industry shall segregate effluents into LTDS & HTDS effluents separately.	Complied
13	The industry shall regularly operate the ZLD system to treat the effluent and 100% recycle of treated effluent.	Provided ZLD system consists of Stripper (225 KLD), MEE (225 KLD), ATFD (62 KLD), Biological ETP (400 KLD) followed by RO plant (400 KLD). During the inspection, Biological ETP & RO were in operation.
14	The industry shall maintain digital flow meters with totalisers (RS-485 communication) for recording the quantity of HTDS effluents, LTDS effluent sent to PETL & RO permeate and also maintain daily records. They shall connect the flow totaliser data to TSPCB & CPCB servers as per CPCB protocol.	The industry has provided digital flow meters at HTDS, LTDS & RO permeate and connected to Board's server.
15	The industry is permitted to send HTDS effluents to the MEE system of M/s. JETL, Jeedimetla for a period of maximum 15 days in a calendar year i.e. during maintenance / break down of Stripper, MEE & ATFD system and shall maintain records.	The industry has not disposed effluents to JETL.
16	The industry shall provide and operate IP Camera with PAN, Zoom, 5x or above focal length, with night vision capability, at main gate entrance & at other gates where there is movement of effluent tankers, Solvent tankers, Chemical tankers, Hazardous Waste carrying vehicles & other material carrying vehicles. These cameras shall be connected to the website of TSPCB, with minimum backup of six months.	The industry has provided IP camera at gate and connected to server.
17	The industry shall maintain vent condensers for chemical / solvent storage tanks to control fugitive emissions.	The industry has provided vent condensers and nitrogen blanketing system for solvent storage tanks.
18	The industry shall maintain separate water meters for recording water consumption for process, boiler feed, cooling and domestic purposes and also maintain daily records.	The industry has provided water meters at raw water inlet, boiler feed, process and domestic purpose.
19	The industry shall operate multi stage scrubber along with online pH monitoring system for control of process emissions. They shall maintain log book for operation of scrubber for monitoring active scrubbing media.	The industry is having 4 Nos. of two stage scrubbers (with online pH meters) followed by sub cooler condenser system and char coal bed to control process emissions for production blocks. The industry has provided 1 nos of double stage scrubber, vent condenser followed by charcoal bed to MEE area.
20	The industry shall monitor VOCs in ambient air with online VOC analyzer & connect the data to TSPCB server.	Complied

21	The industry shall maintain elevated platform with leachate/spillages collection pit to store drums containing chemicals & wastes to control spillages / discharges of chemicals / effluents on ground.	The industry has provided separate shed for storage of drums. (197)
22	The industry shall maintain IP camera with PAN, TILT Zoom, 5x or above focal length, with night vision capability at effluent collection system (HTDS & LTDS) and RO permeate as per CPCB norms. They shall connect the data to CPCB & TSPCB server.	The industry has provided IP camera along with digital flow meters at HTDS, LTDS & RO permeate and connected to Board's server.
23	The industry shall install on line TDS meter for HTDS effluent generation and connect the same to TSPCB server. They shall maintain the records for effluent generation, TDS values, salts generation on daily basis.	The industry has provided online TDS meter and connected to Board server.
24	The industry shall develop greenbelt as per norms.	The industry has developed greenbelt in an area of about 5.4 Acres.
25	The industry shall recoup the forfeited Bank Guarantee of Rs. 2.0 Lakhs (total BG of Rs.8.0 lakhs) towards commitment to comply with Board conditions / directions at RO, Nalgonda. The Bank Guarantee amount will be forfeited, if the industry fails to comply with standards / conditions / directions of the Board. The industry shall renew the Bank Guarantee till further orders of the Board.	Complied. BG NO.3326IGPOOO348023 Rs.2,00,000/- dt.02.02.2023 valid upto 31.01.2024 & BG NO.3326IGFINOOO420 Rs.6,00,000/- dt.11.03.2023 valid upto 11.03.2024
26	The industry shall maintain records on source of starting raw material / Intermediates for each product-wise and the consolidated records shall be submitted to R.O., Nalgonda every month along with invoice copies of the starting raw materials outsourced.	Submitting
27	The industry shall provide adequate closed storage facilities above the ground with proper lining for storage of effluents before its treatment.	The industry has provided above ground level storage tanks of capacity HTDS-350 KL, LTDS-250 KL.
28	The industry shall not use effluents in cooling towers under any circumstances.	Complied
29	The industry shall replace the cooling tower water with RO permeate water for every eight hours frequency.	Complied
30	The industry shall not discharge any effluents onland within or outside the plant premises.	During the inspection, no discharges were observed.
31	The industry shall provide storm water drains to avoid mixing of effluent/spillages with run-off water during rains. The industry shall collect contaminated rain water and shall dispose the same to CETP, after conforming to the influent standards of CETP duly maintain separate records.	The Industry provided 400 KL capacity of rain water collection tank with bypass arrangement. They made arrangement to treat the same in ZLD system.
32	The industry shall provide sufficient storage collection tank to ensure the collection of first run off rain water.	Complied
33	The industry shall provide arrangement to by-pass the rain water collection tank of first run off rain water for subsequent water flow.	Complied
34	The industry shall take measures to prevent the seepages such as cement concrete flooring with proper collection system to collect contaminants / spillages in the relevant areas in the industry premises and avoid seepages outside the industry premises.	During the inspection, no seepages were observed.

35	The industry shall take necessary measures to avoid seepages of rain water and effluents to the outside premises.	Complied
36	The industry shall provide and maintain hood with extraction systems to the HTDS collection tanks and connect to the scrubbers to control the odour problem.	Vent of the HTDS HDPE tank & vent of the ATFD are connected to double stage scrubber followed by vent condenser followed by charcoal bed.
37	The industry shall install fume extraction system connected to a Cryogenic condensation followed by activated charcoal bed, to all the process and vacuum leak source.	The industry is having 4 Nos. of two stage scrubbers (with online pH meters) followed by sub cooler condenser system and char coal bed to control process emissions for production blocks.
38	The industry shall install the sub cooler condenser system followed by activated charcoal bed to the vents of scrubbing systems so as to arrest the VOCs.	
39	The industry shall comply with all directions issued by Hon'ble NGT (SZ), Chennai dt. 31.10.2022 in O.A. No. 97 of 2021	---
40	The industry shall carry out Leak Detection and Repair Study (LDAR) to access the solvent losses and based on the study the industry shall take necessary steps to arrest the solvent losses and reduce VOCs in the premises.	The industry has conducted LDAR study in July, 2023.
41	The industry shall maintain separate energy meters for recording energy consumption for air pollution control equipments and maintain record for daily energy consumption.	The industry has provided energy meter for ZLD system, scrubbing systems & bag filter.
42	The evaporation losses in solvents shall be controlled by taking all preventive measures such as circulation of Chilled brine, transfer of solvents by using pumps instead of manual handling, closed centrifuges, providing primary & secondary condensers to all the reactor vents and all the solvent storage tanks and keeping solvent storage in ground storage tanks with closed pipeline to Reactors. The industry shall operate Solvent Recovery Plant in the plant. Solvents shall be recovered to the maximum extent possible and shall be reused. The industry shall submit status of efficiency of Solvent Recovery Plant to the concerned Regional Officer. The industry shall not dispose spent solvents / mixed spent solvents to the traders/ recyclers.	The industry has provided vent condensers & nitrogen blanketing system to control evaporation loses of solvents.
43	The industry shall provide and maintain Stack Monitoring facility as per Emission Regulation part-3 (ERP-3) norms for all the major stacks of the industry.	Complied
44	The industry shall ensure that the Port hole and ladder facility for the Stacks is safe to carry out Stack monitoring. In place of monkey ladder, spiral type/scaffold ladder shall be provided to ensure safety of monitoring personnel.	Complied
45	The industry shall implement the odour control measures at source of generation and from ETP and shall ensure to maintain the same effectively to control odour problems.	The industry has provided Piion solution spray system to control odour.
46	The industry shall ensure that there shall not be any change in process technology and scope of working without prior approval from	Directed to comply

	the Board.	
47	4. (a) The industry shall maintain the following records and the same shall be made available to the Board Officials during the inspection. 1. Daily production details. 2. Quantity of Effluents generated and reused. 3. Log Books for pollution control systems. 4. Daily solid waste generated and disposed (b) The industry shall submit consolidated statement of the above on monthly basis to the Concerned Regional Office.	Maintained 199
48	As per G.O.Rt.No.286, the industry shall transport the industrial effluents and plying on the roads is allowed between 6 A.M. to 6 P.M. only.	Complied
49	The industry shall comply with Task Force directions issued by the Board from time to time.	Submitted below
50	The applicant shall submit Environment statement in Form V to the Regional office before 30th September of every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.	Submitting
51	The conditions stipulated in this order are without any prejudice to rights and contentions of this Board in any Hon'ble court of Law.	--

Remarks:

1. M/s. Optimus Drugs (P) Ltd. Sy.No. 238, 239, 240 & 248, Dhothigudem (V), Pochampally (M), Yadadri Bhuvanagiri District and engaged in manufacturing of Bulk Drugs Intermediates.
2. The industry has obtained CFO & HWA of the Board vide order dated 08.02.2023 with a validity period upto 31.01.2028.
3. The industry installed additional ZLD system consisting of Stripper (225 KLD), MEE (225 KLD), ATFD (62 KLD), Biological ETP (400 KLD) followed by RO plant (400 KLD). The Biological ETP consisting of Oil & grease chamber, Equalization tank, Flocculator & Flash mixer, Primary clarifier, Anoxic tank, Aeration tank-I, Clarifier-II, PVA (Poly vinyl Alcohol) gel tank, Secondary Aeration, Clarifier-III, Carbon & Sand filter, Ultra filtration followed by RO plant (225 KLD). During the inspection, Biological ETP & RO were in operation.
4. The industry has coal fired boilers of capacity 1x 6 TPH & 1x3 TPH provided with MDC followed by bag filter as APCE for 6 TPH boiler & Cyclone separator as APCE to 3 TPH boiler followed by common stack of height 30 mtrs and the industry has 2 x 500 KVA DG sets provided with Acoustic enclosures.
5. The industry is having 4 Nos. of two stage scrubbers (with online pH meters) followed by sub cooler condenser system and char coal bed to control process emissions for production blocks. The industry has provided 1 nos of double stage scrubber, vent condenser followed by charcoal bed.
6. The industry has provided IP camera along with digital flow meters at HTDS effluents, LTDS effluents, Online TDS meter & RO permeate and connected to TSPCB server. The industry has provided IP camera at ZLD area and Main gate entrance area and connected to TSPCB server.
7. The industry has provided separate energy meter for ZLD system, APCE system to Boiler and scrubbing system.
8. As per the records, during the last 6 months period of Jan'2023 to June'2023, the industry has manufactured 37 consented products along with R & D products and the quantity manufactured is 323.8 Kgs/day (avg.) as against consented 5033.33 Kg/day.
9. As per the records, during the last 6 months period of Jan'2023 to June'2023, the water consumption is 99.8 KLD (avg.) as against the permitted 527.1 KLD. The effluent generation is 45.5 KLD (avg) as against the permitted 275.24 KLD.

10. As per the records, during the last 6 months period of Jan'2023 to June'2023, the industry has disposed In-Organic Evaporation salts & ETP sludge - 0.8 TPD (avg) as against permitted 24.64 TPD to TSDF and Organic residue - 0.727 TPD (avg) as against permitted 15.5 TPD to GEPIL, TSDF. During the inspection, stock of about 7 tons of organic residue and 8 tons of inorganic salts were observed in the industry premises.
11. This office received a complaint from Sri L. Shiva Shankar requesting the Board to inspect the industry and submit certain details viz., number of inspections, notices, directions between 2018 to till date, application details, details of products manufactured, details of waste generated etc., The office vide letter dated: 26.07.2023 furnished a copy of CFO order dt. 08.02.2023 to the complainant.
12. Earlier, the Board Officials collected effluent samples on 27.05.2023 from Cooling towers attached to production blocks & MEE. The values of the analysis reports are as given below:

Parameter	Production block-1 cooling tower	Production block-2 cooling tower	Production block-3 cooling tower	Production block-4 cooling tower	MEE cooling tower
pH	7.28	7.65	7.16	6.58	6.22
TSS	28	18	22	30	38
TDS	565	580	660	480	595
COD	148	184	176	120	144
BOD	14	18	17	11	14
Oil & Grease	--	--	--	--	--

Note: All values are in mg/L, except pH.

18. **WHEREAS**, vide reference 14th cited, the above industry was reviewed in the Task Force Committee meeting held on 07.08.2023. After detailed discussion, the Committee recommended to defer the industry and also recommended to inspect the industry by the Task Force Committee Members and submit the status report to the Board within one week. The RO-Nalgonda was instructed to coordinate with EE, R&B to resolve the storm water drainage issue.
19. **WHEREAS**, vide reference 15th cited, the Hon'ble High Court orders dt. 08.08.2023 regarding Environmental Compensation Levied by the TSPCB.
20. **WHEREAS**, vide reference 16th cite, the Task Force Committee Members inspected the industry and the following observations were made:
1. The industry is in operation during inspection.
 2. The industry provided ZLD system consisting of Stripper, MEE, ATFD, Biological ETP followed by RO plant.
 3. During the inspection, Biological ETP & RO were in operation. The industry is maintaining good biological culture in aeration tank.
 4. Perceptible odour was observed at Decanter (Sludge Removal).
 5. The industry has coal fired boilers of capacity 1x 6 TPH & 1x3 TPH provided with MDC followed by bag filter as APCE for 6 TPH boiler & Cyclone separator as APCE to 3 TPH boiler followed by common stack of height 30 mtrs and the industry has 2 x 500 KVA DG sets provided with Acoustic enclosures.
 6. The industry is having 4 Nos. of two stage scrubbers (with online pH meters) followed by sub cooler condenser system and char coal bed to control process emissions for production blocks. The industry has provided 1 nos of double stage scrubber, vent condenser followed by charcoal bed.
 7. The industry has developed good green belt in the industry premises and maintaining good housekeeping.
21. **WHEREAS**, vide reference 17th cited, you were given an opportunity for hearing before the Task Force Committee of the Board during the meeting held on 28.08.2023. The Complainants & industry representatives (Virtually), RO-Nalgonda have attended the meeting. After detailed discussions, the Committee recommended to issue certain directions to your industry.

22. **WHEREAS**, after careful consideration of the material facts of the case, **the Board hereby issues the following directions to your industry to comply with:**

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1. The industry shall comply with all conditions stipulated in the CFO&HWA order issued by the Board scrupulously.
 2. The industry shall comply with all the conditions stipulated in the directions Order dated: 30.05.2023.
 3. The industry shall pay the Environmental Compensation (EC) of Rs.77,70,000/- as per the Hon'ble NGT Orders vide order dated:21.06.2023, you are hereby directed to deposit an amount of Rs.77,70,000/- (Rupees Seventy Seven Lakhs Seventy Thousand Only) towards Environmental Compensation. The amount shall be deposited by way of D.D drawn in favour of "Member Secretary, T.S Pollution Control Board" payable at Hyderabad.
 4. The industry shall continuously operate ZLD system so as to treat all the effluent and shall reuse all the treated effluent for plant needs and shall maintain the records.
 5. The industry shall provide/maintain operate digital flow meters with IP cameras to ZLD system & provide/ maintain IP camera at main gate entrance. The industry shall provide / maintain PTZ camera to cover ZLD & boiler area. All the cameras shall be connected to the TSPCB Server.
 6. The industry shall provide first runoff of rainwater & seepage collection pit with proper bypass arrangement for free flow of subsequent rain water (24 kL/acre). The collected contaminated rain water shall be pumped and stored in above ground level tank of adequate capacity and the same shall be treated within the premises or send to CETP for further treatment and disposal.
 7. The industry shall provide digital flow meter for the first run off water and shall treat in their ZLD / dispose to CETP for further treatment.
 8. The industry shall extend the Bank Guarantee from time to time till further orders from the Board.
23. These orders are issued under Section 33(A) of Water (Prevention and Control of Pollution) Act, 1974 (as amended by Act 53 of 1988).
24. The above mentioned directives shall be implemented by the industry, failing which legal action will be initiated against your industry under Section 33(A) of Water (Prevention and Control of Pollution) Act, 1974 (as amended by Act 53 of 1988), directing closure of the industry in the interest of Public Health and Environment without any further notice.

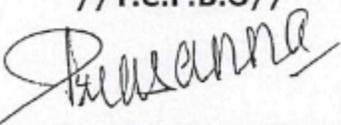
**Sd/-
MEMBER SECRETARY**

**To
M/s. Optimus Drugs (P) Ltd.,
Dhothigudem (V), Pochampally (M),
Yadadri Bhuvanagiri District.**

Copy to:

1. The JCEE, Z.O, R.C. Puram for information and necessary action.
2. The Environmental Engineer, Regional Office, Nalgonda for information necessary action. The RO is directed coordinate with the Task Force Committee Members to inspect the industry after four weeks to verify the compliances status of the industry
3. Concerned file.

//T.C.F.B.O//


**Senior Environmental Engineer
(Task Force - UH-IV)**

This Order has the Digital Approval by the Member Secretary.



6/C
TELANGANA STATE POLLUTION CONTROL BOARD
PARYAVARAN BHAVAN, A - 3, INDUSTRIAL ESTATE,
SANATHNAGAR, HYDERABAD - 500 018.

Phone: 040-23887500
Fax: 040-23815631
Website: tspcb.cgg.gov.in

BY REGD. POST WITH ACK. DUE

ORDER ISSUED UNDER AIR (P&C) AMENDMENT ACT, 1987

Order No.NLG-48/TSPCB/TF/HO/2023-

Date:13.09.2023

DESPATCH NO
DATE: 14 SEP 2023

Sub : TSPCB - M/s. Optimus Drugs (P) Ltd., Dhothigudem (V), Pochampally (M), Yadadri Bhuvanagiri District - Air (Prevention and Control of Pollution) Act 1981 (as amended by Act 47 of 1987) - **DIRECTIONS - ORDERS ISSUED** - Reg.

- Ref :
1. CFO Order dt.16.03.2020 with a validity period up to 31.10.2023.
 2. Directions Order No.NLG-48/TSPCB/TF/HO/2016-2164, dt.02.03.2022 & 14.07.2022.
 3. CPCB Letter No.F.No.B-29016/04/06/IPC-I/438, Dt.19.09.2022, received on 13.10.2022 /28.10.2022.
 4. Hon'ble NGT, (SZ), Chennai Orders dated 31.10.2022 in O.A.No.97 of 2021.
 5. Directions Orders issued on 06.12.2022.
 6. The Hon'ble NGT, Chennai has issued directions vide Order dated: 17.01.2023.
 7. EPTRI, Hyderabad Study report dt.24.04.2023.
 8. Directions Order dated: 30.05.2023.
 9. Directions issued on 21.06.2023 for for Levying of Environmental Compensation.
 - 10.The Rolling Task Force team inspected the industry on 17.06.2023 & 01.07.2023.
 - 11.The Board received a complaint on twitter by Sri Panduchoppari@panduchoppari on 31.07.2023 regarding colored water stagnation in the Dothigudem area and the same complaint forwarded by the District Collector, Yadadri Bhuvanagir.
 - 12.Complaints received from Villagers of Dothigudem, Anthammagudem & Malkapur against the Pharma industries located in Dothigudem village regarding pollution problems.
 - 13.The RO-Nalgonda Officials inspected the industry on 28.07.2023.
 - 14.Hearing held on 07.08.2023.
 - 15.Hon'ble High Court orders in WP.No.17179 of 2023 dt.08.08.2023 regarding Environmental Compensation Levied by the TSPCB.
 - 16.The Task Force Committee Members inspected the industry on 10.08.2023 & 11.08.2023.
 - 17.Hearing held on 28.08.2023.

* * * * *

1. **WHEREAS**, you are operating the manufacturing of Bulk Drugs & Intermediates unit at Dhothigudem (V), Pochampally (M), Yadadri Bhuvanagiri District.
2. **WHEREAS**, vide reference 1st cited, the Board issued CFO & HWA (expansion Phase-I) to the industry vide order dated 16.03.2020 with a validity period up to 31.10.2023.
3. **WHEREAS**, vide reference 2nd cited, the Board issued directions to the industry on 02.03.2022 & 14.07.2022 in connection with complaints.
4. **WHEREAS**, vide reference 3rd cited, CPCB issued certain directions to the Board in connection with O.A No. 97 of 2021 filed by Sri Ravula Linga Swamy, S/o. Yadaiah and Others, Anthammagudem Village, Pochampally Mandal, Yadadri Bhuvanagiri District before Hon'ble NGT(SZ) Chennai.
5. **WHEREAS**, vide reference 4th cited, the Hon'ble NGT vide Order dated 31.10.2022 issued directions to the Board to implement the directions given by the CPCB to the Board and also assess the compensation for the alleged deliberate violations found in the CPCB report.

6. **WHEREAS**, vide reference 5th cited, the Board issued further directions to the industry on 06.12.2022 based on the observations made in the CPCB report.
7. **WHEREAS**, vide reference 6th cited, the Hon'ble NGT, Chennai vide Order dated: 17.01.2023 directed the TSPCB to furnish the compliance report on water & soil analysis.
8. **WHEREAS**, vide reference 7th cited, EPTRI, Hyderabad has submitted study report dt.24.04.2023 on water & soil monitoring in Dothigudem industrial cluster. As per the study report, certain bore wells are contaminated with the chemicals and the same were matched with the products and derivatives of all the 8 industries located in the area.
9. **WHEREAS**, The TSPCB filed a report dt.25.04.2023 before Hon'ble NGT submitting that the TSPCB will take necessary action, based on the finding of the study report dated 24.04.2023 of M/s Environment Protection Training & Research Institute (EPTRI), Gachibowli, Hyderabad.
10. **WHEREAS**, vide reference 8th cited, the Board issued directions to the industry on 30.05.2023 to comply with.
11. **WHEREAS**, vide reference 9th cited, the industry was reviewed in the Task Force Committee meeting held on 13.06.2023. Based on the recommendations of the Committee, the Board issued directions dt.21.06.2023 for levying Environmental Compensation (EC) of Rs.77,70,000-/-.
12. **WHEREAS**, vide reference 10th cited, the Rolling Task Force Team inspected the industry on 17.06.2023 & 01.07.2023 and certain observations were made.
13. **WHEREAS**, the industry have filed a Writ Petitions before Hon'ble High Court of Telangana praying the Hon'ble High Court to declare the orders issued by the Respondent Board directing the petitioner industry to deposit an amount towards Environmental Compensation without giving any notice as arbitrary and irregular, contrary to law, without power and jurisdiction and set aside the same.
14. **WHEREAS**, the industry have filed a Writ Petitions before Hon'ble High Court of Telangana praying the Hon'ble High Court to declare the orders issued by the Respondent Board directing the petitioner industry to deposit an amount towards Environmental Compensation without giving any notice as arbitrary and irregular, contrary to law, without power and jurisdiction and set aside the same.
15. **WHEREAS**, the Hon'ble High Court passed an orders dt.08.08.2023 in the WP No.17179 of 2023, the composite order dated:21.06.2023 issued to the industry by the Board is quashed and set aside and the operative portion of the order reads as under.

"for the afore-mentioned reasons, order dated:2106.2023 passed by the Board cannot be sustained in the eye of law. Accordingly, it is quashed and set aside. The matter is remitted to the Board to consider the grounds taken by the petitioner in the explanati0oni dated:02.06.2023. Needless to state that the Board shall also consider the fact that consent for operation was granted to the petitioner on 08.02.2023 as well as the fact that the petitioner was not a party to the order dated: 17.01.2023 passed by National Green Tribunal in OA.No.97 of 2021. The Board shall affordd and opportunity of hearing to the petitioner and shall by speaking order conclude the proceeding initiated in pursuance to show cause notice dated; 22.05.20232 . it is made clear that this court has not expressed any opinion on merits of the matter.

16. **WHEREAS**, vide reference 11th cited, the Board received a complaint on twitter by Sri Panduchoppari@panduchoppari on 31.07.2023 regarding colored water stagnation in the Dothigudem area. The Board also received the same complaint by Sri Panduchoppari regarding colored water stagnation in the Dothigudem area forwarded by the District Collector, Yadadri-Bhuvanagiri District.
17. **WHEREAS**, vide reference 12th cited, the Board received complaints from Villagers of Dothigudem, Anthammagudem & Malkapur against the Pharma industries located in Dothigudem village regarding pollution problems.
18. **WHEREAS**, vide reference 13th cited, the RO-Nalgonda Officials inspected the industry on 28.07.2023 and the following observations were made:

1. The industry is in operation during inspection.

- The status of compliance of the industry on Board Task Force Additional directions Order dt.30.05.2023 issued Under Air (P&C) Amendment Act, 1987 is submitted below:

S. No	Direction	204 Compliance
1	The industry shall take all odour control measures and operate the same regularly to avoid odour nuisance to the surrounding environment.	The industry is having 4 Nos. of two stage scrubbers (with online pH meters) followed by sub cooler condenser system and char coal bed to control process emissions for production blocks. The industry has provided 1 nos of double stage scrubber, vent condenser followed by charcoal bed to MEE area.
2	The industry shall provide & maintain dome with suction hood followed by double stage scrubber with online pH meter to the HTDS effluent storage tanks to control the odour nuisance.	Vent of the HTDS HDPE tank & vent of the ATFD are connected to double stage scrubber followed by vent condenser followed by charcoal bed.
3	The industry shall install & maintain sub cooler condensers system followed by activated charcoal bed to the vents of scrubbing system connected to HTDS collection tank so as to arrest the VOCs.	
4	The industry shall install & maintain sub cooler condensers system followed by activated charcoal bed so as to arrest the VOCs from the scrubber attached to ATFD.	Complied
5	The industry shall continuously operate scrubbers with online pH meter for control of process emissions and shall take appropriate additional measures for control smell nuisance within & outside the industry premises.	The industry is having 4 Nos. of two stage scrubbers (with online pH meters) followed by sub cooler condenser system and char coal bed to control process emissions for production blocks. The industry has provided 1 nos of double stage scrubber, vent condenser followed by charcoal bed to MEE area.
6	The industry shall operate & maintain online VOC monitoring system and connect the same to the Board server.	Complied
7	The industry shall provide odour suppressant mist spray / sprinkle "PIION" liquid at effluent treatment area to contain VOCs.	Complied
8	The industry shall provide & maintain the vent condensers for all the solvent storage / chemical storage tanks to control the fugitive emissions.	The industry has provided vent condensers and nitrogen blanketing system for solvent storage tanks.
9	The industry shall conduct the LDAR study once in six months. The industry shall take necessary measures as per the latest Leak Detection and Repair (LDAR) Study to arrest the solvent losses and reduce VOCs in the premises.	The industry has conducted LDAR study in July, 2023.
10	The industry shall not cause any air pollution to the surrounding area.	Complied

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- The status of compliance of the industry on Board Task Force Levying of Environmental Compensation Additional directions Order dt.21.06.2023:

S. No	Direction	Compliance
1	The industry shall maintain sufficient free board to avoid overflows in effluent collection tanks and shall dispose the same as per CFO & HWA conditions.	Submitted below
2	The industry shall not stock the effluents in the collections tanks and shall treat the effluents in ZLD system / send to the CETP to avoid any over flow in view of the rainy season.	Directed to comply

- Compliance with regard to Schedule-B conditions of CFOCFD order No. 230524293457, dt.08.02.2023

S. No.	Condition	Compliance																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
1	The industry shall restrict the Production Capacity and other pollution loads to 75% only against the total capacity. The industry shall obtain permission from the Board before going for 100% production capacity.	Complied As per the records, during the last 6 months period of Jan'2023 to June'2023, the industry has manufactured 37 consented products along with R & D products and the quantity manufactured is 323.8 Kgs/day (avg.) as against consented 5033.33 Kg/day.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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3	Total fresh Water Consumption shall not exceed 702.8 KLD: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>S. No.</th> <th>Purpose</th> <th>Quantity (KLD)</th> </tr> </thead> <tbody> <tr><td>1</td><td>Process</td><td>181.8</td></tr> <tr><td>2</td><td>Washings</td><td>30</td></tr> <tr><td>3</td><td>QC and R & D</td><td>5</td></tr> <tr><td>4</td><td>Scrubber</td><td>25</td></tr> <tr><td>5</td><td>Boiler feed</td><td>96</td></tr> <tr><td>6</td><td>Cooling tower make up</td><td>270</td></tr> <tr><td>7</td><td>Domestic</td><td>65</td></tr> <tr><td>8</td><td>Gardening</td><td>30</td></tr> <tr><td></td><td>Total</td><td>*702.8 (Fresh - 380.8 KLD + Recycled treated water - 322 KLD)</td></tr> </tbody> </table> <p>*The industry shall restrict the Water Consumption to 75% only against the total capacity as mentioned above.</p>	S. No.	Purpose	Quantity (KLD)	1	Process	181.8	2	Washings	30	3	QC and R & D	5	4	Scrubber	25	5	Boiler feed	96	6	Cooling tower make up	270	7	Domestic	65	8	Gardening	30		Total	*702.8 (Fresh - 380.8 KLD + Recycled treated water - 322 KLD)	As per the records, during the last 6 months period of Jan'2023 to June'2023, the water consumption is 99.8 KLD (avg.) as against the permitted 527.1 KLD. The effluent generation is 45.5 KLD (avg) as against the permitted 275.24 KLD.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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4	During the maintenance / breakdown of ZLD, the pre-treated effluent sent to CETP for a period of maximum 15 days in calendar year, duly meeting the following inlet standards: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Parameter</th> <th>Limit</th> </tr> </thead> <tbody> <tr><td>Temperature</td><td>45°C</td></tr> <tr><td>SS</td><td>100 mg/l</td></tr> <tr><td>Oil & Grease</td><td>10 mg/l</td></tr> <tr><td>Ammonia Nitrogen</td><td>10 mg/l</td></tr> <tr><td>Chloride</td><td>100 mg/l</td></tr> <tr><td>Calcium</td><td>100 mg/l</td></tr> <tr><td>Iron</td><td>10 mg/l</td></tr> <tr><td>Copper</td><td>10 mg/l</td></tr> <tr><td>Zinc</td><td>10 mg/l</td></tr> <tr><td>Lead</td><td>10 mg/l</td></tr> <tr><td>Cadmium</td><td>10 mg/l</td></tr> <tr><td>Chromium</td><td>10 mg/l</td></tr> <tr><td>Nickel</td><td>10 mg/l</td></tr> <tr><td>Manganese</td><td>10 mg/l</td></tr> <tr><td>Fluoride</td><td>10 mg/l</td></tr> <tr><td>Sulphate</td><td>100 mg/l</td></tr> 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mg/l	Chromium	10 mg/l	Nickel	10 mg/l	Manganese	10 mg/l	Fluoride	10 mg/l	Sulphate	100 mg/l	Phosphate	10 mg/l	Barium	10 mg/l	Strontium	10 mg/l	Vanadium	10 mg/l	Selenium	10 mg/l	Chlorine	10 mg/l	Bromine	10 mg/l	Iodine	10 mg/l	Fluorine	10 mg/l	Mercury	10 mg/l	Antimony	10 mg/l	Thallium	10 mg/l	Lead	10 mg/l	Cadmium	10 mg/l	Chromium	10 mg/l	Nickel	10 mg/l	Copper	10 mg/l	Zinc	10 mg/l	Iron	10 mg/l	Manganese	10 mg/l	Vanadium	10 mg/l	Selenium	10 mg/l	Chlorine	10 mg/l	Bromine	10 mg/l	Iodine	10 mg/l	Fluorine	10 mg/l	Mercury	10 mg/l	Antimony	10 mg/l	Thallium	10 mg/l	Lead	10 mg/l	Cadmium	10 mg/l	Chromium	10 mg/l	Nickel	10 mg/l	Copper	10 mg/l	Zinc	10 mg/l	Iron	10 mg/l	Manganese	10 mg/l	Vanadium	10 mg/l	Selenium	10 mg/l	Chlorine	10 mg/l	Bromine	10 mg/l	Iodine	10 mg/l	Fluorine	10 mg/l	Mercury	10 mg/l	Antimony	10 mg/l	Thallium	10 mg/l	Lead	10 mg/l	Cadmium	10 mg/l	Chromium	10 mg/l	Nickel	10 mg/l	Copper	10 mg/l	Zinc	10 mg/l	Iron	10 mg/l	Manganese	10 mg/l	Vanadium	10 mg/l	Selenium	10 mg/l	Chlorine	10 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	206	with R & D products and the quantity manufactured is 323.8 Kgs/day (avg.) as against consented 5033.33 Kg/day.
5	The industry shall comply with emission limits for DG sets upto 800 KW as per the Notification G.S.R.520 (E), dated 01.07.2003 under the Environment (Protection) Amendment Rules, 2003 and G.S.R.448(E), dated 12.07.2004 under the Environment (Protection) Second Amendment Rules, 2004. In case of DG sets more than 800 KW should comply with emission limits as per the Notification G.S.R.489 (E), dated 09.07.2002 at serial no.96, under the Environment (Protection) Act, 1986.	--
6	The industry shall comply with ambient air quality standards of PM10 (Particulate Matter size less than 10µm) - 100 µg/ m ³ ; PM2.5(Particulate Matter size less than 2.5 µm) - 60 µg/ m ³ ; SO ₂ - 80 µg/ m ³ ; NO _x - 80 µg/m ³ , outside the factory premises at the periphery of the industry. Standards for other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009. Noise Levels: Day time-(6 AM to 10PM)-75 dB (A) Night time-(10 PM to 6 AM)-70 dB (A).	--
7	The existing CFO & HWA order dt. 23.06.2021 with a validity upto 31.10.2026 stands cancelled.	--
8	The industry has paid CFO fee Rs. 3,75,000/- for a period upto 31.03.2024 on the reduced project cost.	--
9	The industry shall pay balance consent fee annually as per rates notified in G.O.Ms.No.22. The payment of annual consent fee shall be made at the concerned RO for every financial year (i.e., April to March) within the stipulated time period i.e., 1st quarter of every financial year (April to June) is mandatory for the industry / project, failing which, the validity of the Consent Order automatically stands cancelled and operation industry / project without valid consent attracts penal action under the provision of Water Act, Air Act & Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.	Complied
10	The industry either paying annual fee or total fee for Consented period, shall pay the balance fee as per the revised rates as applicable from time to time.	Complied
11	The industry shall maintain separate water meters for recording water consumption for process, boiler feed, cooling and domestic purposes and also maintain daily records.	The industry has provided water meters at raw water inlet, boiler feed, process and domestic purpose.
12	The industry shall segregate effluents into LTDS & HTDS effluents separately.	Complied
13	The industry shall regularly operate the ZLD system to treat the effluent and 100% recycle of treated effluent.	Provided ZLD system consists of Stripper (225 KLD), MEE (225 KLD), ATFD (62 KLD), Biological ETP (400 KLD) followed by RO plant (400

		KLD). During the inspection, Biological ETP & RO were in operation.
14	The industry shall maintain digital flow meters with totalisers (RS-485 communication) for recording the quantity of HTDS effluents, LTDS effluent sent to PETL & RO permeate and also maintain daily records. They shall connect the flow totaliser data to TSPCB & CPCB servers as per CPCB protocol.	The industry has provided digital flow meters at HTDS, LTDS & RO permeate and connected to Board's server.
15	The industry is permitted to send HTDS effluents to the MEE system of M/s. JETL, Jeedimetla for a period of maximum 15 days in a calendar year i.e. during maintenance / break down of Stripper, MEE & ATFD system and shall maintain records.	The industry has not disposed effluents to JETL.
16	The industry shall provide and operate IP Camera with PAN, Zoom, 5x or above focal length, with night vision capability, at main gate entrance & at other gates where there is movement of effluent tankers, Solvent tankers, Chemical tankers, Hazardous Waste carrying vehicles & other material carrying vehicles. These cameras shall be connected to the website of TSPCB, with minimum backup of six months.	The industry has provided IP camera at gate and connected to server.
17	The industry shall maintain vent condensers for chemical / solvent storage tanks to control fugitive emissions.	The industry has provided vent condensers and nitrogen blanketing system for solvent storage tanks.
18	The industry shall maintain separate water meters for recording water consumption for process, boiler feed, cooling and domestic purposes and also maintain daily records.	The industry has provided water meters at raw water inlet, boiler feed, process and domestic purpose.
19	The industry shall operate multi stage scrubber along with online pH monitoring system for control of process emissions. They shall maintain log book for operation of scrubber for monitoring active scrubbing media.	The industry is having 4 Nos. of two stage scrubbers (with online pH meters) followed by sub cooler condenser system and char coal bed to control process emissions for production blocks. The industry has provided 1 nos of double stage scrubber, vent condenser followed by charcoal bed to MEE area.
20	The industry shall monitor VOCs in ambient air with online VOC analyzer & connect the data to TSPCB server.	Complied
21	The industry shall maintain elevated platform with leachate/spillages collection pit to store drums containing chemicals & wastes to control spillages / discharges of chemicals / effluents on ground.	The industry has provided separate shed for storage of drums.
22	The industry shall maintain IP camera with PAN, TILT Zoom, 5x or above focal length, with night vision capability at effluent collection system (HTDS & LTDS) and RO permeate as per CPCB norms. They shall connect the data to CPCB & TSPCB server.	The industry has provided IP camera along with digital flow meters at HTDS, LTDS & RO permeate and connected to Board's server.
23	The industry shall install on line TDS meter for HTDS effluent generation and connect the same to TSPCB server. They shall maintain the records for effluent generation, TDS values, salts generation on daily basis.	The industry has provided online TDS meter and connected to Board server.

24	The industry shall develop greenbelt as per norms. 208	The industry has developed greenbelt in an area of about 5.4 Acres.
25	The industry shall recoup the forfeited Bank Guarantee of Rs. 2.0 Lakhs (total BG of Rs.8.0 lakhs) towards commitment to comply with Board conditions / directions at RO, Nalgonda. The Bank Guarantee amount will be forfeited, if the industry fails to comply with standards / conditions / directions of the Board. The industry shall renew the Bank Guarantee till further orders of the Board.	Complied. BG NO.3326IGPOOO348023 Rs.2,00,000/- dt.02.02.2023 valid upto 31.01.2024 & BG NO.3326IGFINOOO420 Rs.6,00,000/- dt.11.03.2023 valid upto 11.03.2024
26	The industry shall maintain records on source of starting raw material / Intermediates for each product-wise and the consolidated records shall be submitted to R.O., Nalgonda every month along with invoice copies of the starting raw materials outsourced.	Submitting
27	The industry shall provide adequate closed storage facilities above the ground with proper lining for storage of effluents before its treatment.	The industry has provided above ground level storage tanks of capacity HTDS-350 KL, LTDS-250 KL.
28	The industry shall not use effluents in cooling towers under any circumstances.	Complied
29	The industry shall replace the cooling tower water with RO permeate water for every eight hours frequency.	Complied
30	The industry shall not discharge any effluents onland within or outside the plant premises.	During the inspection, no discharges were observed.
31	The industry shall provide storm water drains to avoid mixing of effluent/spillages with run-off water during rains. The industry shall collect contaminated rain water and shall dispose the same to CETP, after conforming to the influent standards of CETP duly maintain separate records.	The Industry provided 400 KL capacity of rain water collection tank with bypass arrangement. They made arrangement to treat the same in ZLD system.
32	The industry shall provide sufficient storage collection tank to ensure the collection of first run off rain water.	Complied
33	The industry shall provide arrangement to by-pass the rain water collection tank of first run off rain water for subsequent water flow.	Complied
34	The industry shall take measures to prevent the seepages such as cement concrete flooring with proper collection system to collect contaminants / spillages in the relevant areas in the industry premises and avoid seepages outside the industry premises.	During the inspection, no seepages were observed.
35	The industry shall take necessary measures to avoid seepages of rain water and effluents to the outside premises.	Complied
36	The industry shall provide and maintain hood with extraction systems to the HTDS collection tanks and connect to the scrubbers to control the odour problem.	Vent of the HTDS HDPE tank & vent of the ATFD are connected to double stage scrubber followed by vent condenser followed by charcoal bed.
37	The industry shall install fume extraction system connected to a Cryogenic condensation followed by activated charcoal bed, to all the process and vacuum leak source.	The industry is having 4 Nos. of two stage scrubbers (with online pH meters) followed by sub cooler condenser system and char coal bed to control process emissions for

38	The industry shall install the sub cooler condenser system followed by activated charcoal bed to the vents of scrubbing systems so as to arrest the VOCs.	production blocks.
39	The industry shall comply with all directions issued by Hon'ble NGT (SZ), Chennai dt. 31.10.2022 in O.A. No. 97 of 2021	---
40	The industry shall carry out Leak Detection and Repair Study (LDAR) to access the solvent losses and based on the study the industry shall take necessary steps to arrest the solvent losses and reduce VOCs in the premises.	The industry has conducted LDAR study in July, 2023.
41	The industry shall maintain separate energy meters for recording energy consumption for air pollution control equipments and maintain record for daily energy consumption.	The industry has provided energy meter for ZLD system, scrubbing systems & bag filter.
42	The evaporation losses in solvents shall be controlled by taking all preventive measures such as circulation of Chilled brine, transfer of solvents by using pumps instead of manual handling, closed centrifuges, providing primary & secondary condensers to all the reactor vents and all the solvent storage tanks and keeping solvent storage in ground storage tanks with closed pipeline to Reactors. The industry shall operate Solvent Recovery Plant in the plant. Solvents shall be recovered to the maximum extent possible and shall be reused. The industry shall submit status of efficiency of Solvent Recovery Plant to the concerned Regional Officer. The industry shall not dispose spent solvents / mixed spent solvents to the traders/ recyclers.	The industry has provided vent condensers & nitrogen blanketing system to control evaporation losses of solvents.
43	The industry shall provide and maintain Stack Monitoring facility as per Emission Regulation part-3 (ERP-3) norms for all the major stacks of the industry.	Complied
44	The industry shall ensure that the Port hole and ladder facility for the Stacks is safe to carry out Stack monitoring. In place of monkey ladder, spiral type/scaffold ladder shall be provided to ensure safety of monitoring personnel.	Complied
45	The industry shall implement the odour control measures at source of generation and from ETP and shall ensure to maintain the same effectively to control odour problems.	The industry has provided Piion solution spray system to control odour.
46	The industry shall ensure that there shall not be any change in process technology and scope of working without prior approval from the Board.	Directed to comply
47	5. (a) The industry shall maintain the following records and the same shall be made available to the Board Officials during the inspection. 1. Daily production details. 2. Quantity of Effluents generated and reused. 3. Log Books for pollution control systems. 4. Daily solid waste generated and disposed (b) The industry shall submit consolidated statement of the above on monthly basis to	Maintained

	the Concerned Regional Office.	
48	As per G.O.Rt.No.286, the industry shall transport the industrial effluents and plying on the roads is allowed between 6 A.M. to 6 P.M. only.	Complied (240)
49	The industry shall comply with Task Force directions issued by the Board from time to time.	Submitted below
50	The applicant shall submit Environment statement in Form V to the Regional office before 30th September of every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.	Submitting
51	The conditions stipulated in this order are without any prejudice to rights and contentions of this Board in any Hon'ble court of Law.	--

Remarks:

1. M/s. Optimus Drugs (P) Ltd. Sy.No. 238, 239, 240 & 248, Dhothigudem (V), Pochampally (M), Yadadri Bhuvanagiri District and engaged in manufacturing of Bulk Drugs Intermediates.
2. The industry has obtained CFO & HWA of the Board vide order dated 08.02.2023 with a validity period upto 31.01.2028.
3. The industry installed additional ZLD system consisting of Stripper (225 KLD), MEE (225 KLD), ATFD (62 KLD), Biological ETP (400 KLD) followed by RO plant (400 KLD). The Biological ETP consisting of Oil & grease chamber, Equalization tank, Flocculator & Flash mixer, Primary clarifier, Anoxic tank, Aeration tank-I, Clarifier-II, PVA (Poly vinyl Alcohol) gel tank, Secondary Aeration, Clarifier-III, Carbon & Sand filter, Ultra filtration followed by RO plant (225 KLD). During the inspection, Biological ETP & RO were in operation.
4. The industry has coal fired boilers of capacity 1x 6 TPH & 1x3 TPH provided with MDC followed by bag filter as APCE for 6 TPH boiler & Cyclone separator as APCE to 3 TPH boiler followed by common stack of height 30 mtrs and the industry has 2 x 500 KVA DG sets provided with Acoustic enclosures.
5. The industry is having 4 Nos. of two stage scrubbers (with online pH meters) followed by sub cooler condenser system and char coal bed to control process emissions for production blocks. The industry has provided 1 nos of double stage scrubber, vent condenser followed by charcoal bed.
6. The industry has provided IP camera along with digital flow meters at HTDS effluents, LTDS effluents, Online TDS meter & RO permeate and connected to TSPCB server. The industry has provided IP camera at ZLD area and Main gate entrance area and connected to TSPCB server.
7. The industry has provided separate energy meter for ZLD system, APCE system to Boiler and scrubbing system.
8. As per the records, during the last 6 months period of Jan'2023 to June'2023, the industry has manufactured 37 consented products along with R & D products and the quantity manufactured is 323.8 Kgs/day (avg.) as against consented 5033.33 Kg/day.
9. As per the records, during the last 6 months period of Jan'2023 to June'2023, the water consumption is 99.8KLD (avg.) as against the permitted 527.1 KLD. The effluent generation is 45.5 KLD (avg) as against the permitted 275.24 KLD.
10. As per the records, during the last 6 months period of Jan'2023 to June'2023, the industry has disposed In-Organic Evaporation salts & ETP sludge - 0.8 TPD (avg) as against permitted 24.64 TPD to TSDF and Organic residue - 0.727 TPD (avg) as against permitted 15.5 TPD to GEPIL, TSDF. During the inspection, stock of about 7 tons of organic residue and 8 tons of inorganic salts were observed in the industry premises.
11. This office received a complaint from Sri L. Shiva Shankar requesting the Board to inspect the industry and submit certain details viz., number of inspections, notices, directions between 2018 to till date, application details, details of products manufactured, details of waste generated etc., The office vide letter dated:26.07.2023 furnished a copy of CFO order dt.08.02.2023 to the complainant.

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12. Earlier, the Board Officials collected effluent samples on 27.05.2023 from Cooling towers attached to production blocks & MEE. The values of the analysis reports are as given below:

Parameter	Production block-1 cooling tower	Production block-2 cooling tower	Production block-3 cooling tower	Production block-4 cooling tower	MEE cooling tower
pH	7.28	7.65	7.16	6.58	6.22
TSS	28	18	22	30	38
TDS	565	580	660	480	595
COD	148	184	176	120	144
BOD	14	18	17	11	14
Oil & Grease	--	--	--	--	--

Note: All values are in mg/L, except pH.

19. **WHEREAS**, vide reference 14th cited, the above industry was reviewed in the Task Force Committee meeting held on 07.08.2023. After detailed discussion, the Committee recommended to defer the industry and also recommended to inspect the industry by the Task Force Committee Members and submit the status report to the Board within one week. The RO-Nalgonda was instructed to coordinate with EE, R&B to resolve the storm water drainage issue.
20. **WHEREAS**, vide reference 15th cited, the Hon'ble High Court orders dt.08.08.2023 regarding Environmental Compensation Levied by the TSPCB.
21. **WHEREAS**, vide reference 16th cite, the Task Force Committee Members inspected the industry and the following observations were made:
1. The industry is in operation during inspection.
 2. The industry provided ZLD system consisting of Stripper, MEE, ATFD, Biological ETP followed by RO plant.
 3. During the inspection, Biological ETP & RO were in operation. The industry is maintaining good biological culture in aeration tank.
 4. Perceptible odour was observed at Decanter (Sludge Removal).
 5. The industry has coal fired boilers of capacity 1x 6 TPH & 1x3 TPH provided with MDC followed by bag filter as APCE for 6 TPH boiler & Cyclone separator as APCE to 3 TPH boiler followed by common stack of height 30 mtrs and the industry has 2 x 500 KVA DG sets provided with Acoustic enclosures.
 6. The industry is having 4 Nos. of two stage scrubbers (with online pH meters) followed by sub cooler condenser system and char coal bed to control process emissions for production blocks. The industry has provided 1 nos of double stage scrubber, vent condenser followed by charcoal bed.
 7. The industry has developed good green belt in the industry premises and maintaining good housekeeping.
22. **WHEREAS**, vide reference 17th cited, you were given an opportunity for hearing before the Task Force Committee of the Board during the meeting held on 28.08.2023. The Complainants & industry representatives (Virtually), RO-Nalgonda have attended the meeting. After detailed discussions, the Committee recommended to issue certain directions to your industry.
23. **WHEREAS**, after careful consideration of the material facts of the case, **the Board hereby issues the following directions to comply with:**
1. The industry shall comply with all conditions stipulated in the CFO&HWA order issued by the Board scrupulously.
 2. The industry shall comply with all the conditions stipulated in the directions Order dated: 30.05.2023.
 3. The industry shall pay the Environmental Compensation (EC) of Rs.77,70,000/- as per the Hon'ble NGT Orders vide order dated:21.06.2023, you are hereby directed to deposit an amount of Rs.77,70,000/- (Rupees Seventy Seven Lakhs Seventy Thousand Only) towards Environmental Compensation. The amount shall be deposited by way of D.D drawn in favour of "Member Secretary, T.S Pollution Control Board" payable at Hyderabad.

4. The industry shall provide odour suppressant mist spray / sprinkle "PIION" liquid at effluent treatment area to control VOCs within one month. 212
5. The industry shall conduct the LDAR study once in six months. The industry shall take necessary measures as per the latest Leak Detection and Repair (LDAR) Study to arrest the solvent losses and reduce VOCs in the premises.
24. These orders are issued under Section 31(A) of the Air (Prevention and Control of Pollution) Act 1981 (as amended by Act 47 of 1987).
25. The above mentioned directives shall be implemented by the industry, failing which legal action will be initiated against your industry under Section 31(A) of the Air (Prevention and Control of Pollution) Act 1981 (as amended by Act 47 of 1987) directing closure of the industry in the interest of Public Health and Environment without any further notice.

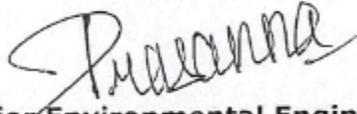
Sd/-
MEMBER SECRETARY

To
M/s. Optimus Drugs (P) Ltd.,
Dhothigudem (V), Pochampally (M),
Yadadri Bhuvanagiri District.

Copy to:

1. The JCEE, Z.O, R.C. Puram for information and necessary action.
2. The Environmental Engineer, Regional Office, Nalgonda for information necessary action. The RO is directed coordinate with the Task Force Committee Members to inspect the industry after four weeks to verify the compliances status of the industry
3. Concerned file.

//T.C.F.B.O//


Senior Environmental Engineer
(Task Force - UH-IV)

This Order has the Digital Approval by the Member Secretary.



TELANGANA STATE POLLUTION CONTROL BOARD
PARYAVARAN BHAVAN, A - 3, INDUSTRIAL ESTATE,
SANATHNAGAR, HYDERABAD - 500 018.

Phone: 23887500
Fax: 040 - 23815631
Website: tspcb.cgg.gov.in

BY REGD. POST WITH ACK. DUE

Annexure - XII

ORDERS ISSUED UNDER WATER (P&CP) AMENDMENT ACT, 1988

Order No. NLG-54/TSPCB/TF/HO/2023-

769 (213)

Date: 13.09.2023

Sub: TSPCB - M/s. Brundavan Laboratories (P) Ltd., Yellagiri (V), Choutuppal (M), Yadadri Bhauangiri District - Water (Prevention and Control of Pollution) Act, 1974 (as amended by Act 53 of 1988) - **Extension of Temporary Revocation of Closure Order for a period up to 31.10.2023 - Orders Issued** - Reg.

- Ref :**
1. CFO&HWA Order dt.13.01.2023 with validity up to 31.12.2027.
 2. Closure Order No.NLG-54/TSPCB/TF/HO/2017-2131 & 2132, dt.02.03.2022.
 3. Temporary Revocation of Closure Order No.NLG-54/TSPCB/TF/HO/2017-161, Dt: 26.04.2022.
 4. The Hon'ble NGT, Chennai has issued directions vide Order dated: 17.01.2023.
 5. The Board issued additional directions on 21.06.2023 for Levying of Environmental Compensation.
 6. Extension of Temporary Revocation of Closure Order issued on 26.06.2023 for a period up to 31.07.2023.
 7. The Board received a complaint on twitter by Sri Panduchoppari@panduchoppari on 31.07.2023 regarding colored water stagnation in the Dothigudem area and also same complaint forwarded by the District Collector, Yadadri Bhuvanagiri District.
 8. The RO-Nalgonda Officials report dated 01.08.2023.
 9. Hearing held on 07.08.2023.
 10. Hon'ble High Court orders in WP.No.19039 of 2023 dt.08.08.2023 regarding Environmental Compensation Levied by the TSPCB.
 11. The Task Force Committee Members inspected the industry on 10.08.2023 & 11.08.2023.
 12. Hearing held on 28.08.2023.

* * * * *

1. **WHEREAS**, you are operating the industry located at Yellagiri (V), Choutuppal (M), Yadadri Bhauangiri District and engaged in Bulk drugs & Intermediates manufacturing unit.
2. **WHEREAS**, vide reference 1st cited, the Board issued CFO&HWA order dt.13.01.2023 with a validity period upto 31.12.2027.
3. **WHEREAS**, vide reference 2nd cited, the Board issued Closure order to the industry on 02.03.2022 for non compliance of the Board directions / Consent conditions and causing pollution in the surrounding area.
4. **WERHEAS**, vide reference 3rd cited, the Board issued Temporary Revocation of Closure Order to industry on 26.04.2022 for a period of Three months with certain directions to comply.
5. **WHEREAS**, vide reference 4th cited, the Hon'ble NGT, Chennai vide Order dated: 17.01.2023 directed the TSPCB to furnish the compliance report on water & soil analysis.
6. **WERHEAS**, vide reference 5th cited, the Board issued additional directions to the industry on 21.06.2023 for Levying of Environmental Compensation (EC).
7. **WERHEAS**, vide reference 6th cited, the Board issued Extension of Temporary Revocation of Closure Order to the industry on 26.06.2023 for a period up to 31.07.2023.
8. **WHEREAS**, the industry have filed a Writ Petition before Hon'ble High Court of Telangana praying the Hon'ble High Court to declare the orders issued by the Respondent Board directing the petitioner industry to deposit an amount towards Environmental Compensation without giving any notice as arbitrary and irregular, contrary to law, without power and jurisdiction and set aside the same.

SD/1
DESPATCH NO:
DATE: 14 SEP 2023

9. **WHEREAS**, the Hon'ble High Court passed an orders dt.08.08.2023 in the WP No.19039 of 2023, the composite order dated: 21.06.2023 issued to the industry by the Board is quashed and set aside and the operative portion of the order reads as under.

"For the afore-mentioned reasons, order dated 21.06.2023 passed by the Board cannot be sustained in the eye of law. Accordingly, it is quashed and set aside. The matter is remitted to the Board to consider the grounds taken by the petitioner in the explanation dated 02.06.2023. Needless to state that the Board shall also consider the fact that consent for operation was granted to the petitioner on 08.02.2023 as well as the fact that the petitioner was not a party to the order dated 17.01.2023 passed by National Green Tribunal in O.A.No.97 of 2021. The Board shall afford an opportunity of hearing to the petitioner and shall by a speaking order conclude the proceeding initiated in pursuance to show cause notice dated 22.05.2023. It is made clear that this Court has not expressed any opinion on merits of the matter".

10. **WERHEAS**, vide reference 7th cited, the Board received a complaint on twitter by Sri Panduchoppari@panduchoppari on 31.07.2023 regarding colored water stagnation in the Dothigudem area and also same complaint forwarded by the District Collector, Yadadri Bhuvanagiri District.

11. **WHEREAS**, vide reference 8th cited, the RO-Nalgonda officials inspected the industry and submitted report to the Board office on 01.08.2023 and the following observations were made:

1. The industry is in operation during inspection.
2. The compliance status of the industry on the directions stipulated in the Extension of Temporary Revocation of Closure Order dt: 26.06.2023 is as follows:

(A) Water Act:

S. No	Direction	Compliance
1	The industry shall comply with all conditions stipulated in the CFO&HWA order issued by the Board scrupulously.	Compliance of the CFO Order dt. 13.01.2023 Submitted.
2	The industry shall continue to segregate the effluents into HTDS and LTDS.	<ul style="list-style-type: none"> • Complied. • The industry has provided separate collection tanks for HTDS & LTDS effluent collection.
3	The industry shall regularly operate the New ZLD system for treatment of effluents. The HTDS effluents shall be treated in stripper, MEE and ATFD. The condensate & LTDS effluents shall be treated in Biological ETP followed RO system and treated effluents shall be reused in the plant. The RO rejects shall be sent to MEE for forced evaporation.	<ul style="list-style-type: none"> • Complied. • The industry has provided ZLD (125 KLD) consists stripper (125 KLD), MEE (4 Calendrias) (125 KLD), ATFD (20 TPD), Biological ETP (125 KLD) and RO plant (125 KLD). • Biological ETP consist of collection tanks & holding tanks, flash mixers, primary clarifier (39 KL), overflow syntex, press filter, stipper holding tank, MEE condensate holding tank, utility holding tank (for LTDS), Aeration tank -I (650 KL), secondary Clarifier-I (25 KL), Aeration tank -II (100 KL), Secondary clarifier -II (15 KL), Storage tank (10 KL), Sand filter & carbon filters and RO plant (125 KL). • During inspection, MEE system was not in operation and Biological ETP is under operation.

4	The industry shall install online TDS meter for HTDS effluent generation and connect the same to TSPCB server.	Complied. 215
5	The industry shall provide first run off rain water & seepage collection pit with proper bypass arrangement for free flow of subsequent rain water (24 kL/acre). The collected contaminated rain water shall be pumped and stored in above ground level tank of adequate capacity and the same shall be treated within the premises or send to CETP for further treatment.	The industry has provided first run off rain water collection tank of capacity 60 KL & (for new production block area), 40 KL (for old production block area).
6	The industry shall not discharge any effluent/ leakages / spillages / seepages etc. within the premises and outside the industry premises under any circumstances.	During inspection, no discharges were observed.
7	The industry shall store drums containing raw material / in process goods / MLs /spent solvents / wastes etc., on the concrete platform under covered shed with dyke walls & proper leachate collection system and the industry shall not store drums openly on ground.	Complied.
8	The industry shall collect & store the hazardous waste in an elevated closed shed with impervious lining and leachate collection system. The industry shall dispose the Hazardous Waste regularly in accordance with the CFO&HW order and shall not store beyond 90 days.	Complied.
9	The industry shall continuously operate the online monitoring system provided to the HTDS, LTDS & RO permeate as per the directions of CPCB and shall ensure continuous data transmission to the TSPCB server.	<ul style="list-style-type: none"> Complied. They provided separate flow meters for HTDS, LTDS & RO permeate and same are connected to TSPCB Server.
10	The industry shall connect the IP camera provided to the LTDS effluents digital flow meter to the TSPCB server.	<ul style="list-style-type: none"> Complied. Provided digital flow meter and IP camera without PTZ feature to HTDS, LTDS, RO Permeate and connected the same to Board server.
11	The industry shall provide PTZ (pan tilt zoom) cameras to focus the entire premises duly covering ZLD area, boiler stack and entire boundary of the plant.	<ul style="list-style-type: none"> Complied. The industry has provided PTZ camera ZLD area which will cover boiler stack and ZLD area.
12	The industry shall not use any flexible pipelines within the premises for transfer of effluents / wastewater. All the effluent conveying pipe lines shall be fixed.	Complied.
13	The industry shall not use effluents or any waste water in cooling towers and shall check the quality of the cooling circulation water regularly.	<ul style="list-style-type: none"> Complied. No odour nuisance was observed at cooling towers. The Board has collected water samples from cooling towers on 27.05.2023 to ensure usage effluents in cooling towers.
14	The industry shall maintain proper housekeeping within the premises.	Complied.
15	The industry shall extend the Bank Guarantee from time to time till further orders from the Board.	Directed to comply

16	The industry shall not carryout operations without valid revocation of closure orders. Failing which the Board will be constraint to take action against the industry.	The Board issued Temporary Revocation of closure Order to industry vide order dt. 26.06.2023 and same is valid upto 31.07.2023.
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- The status of compliance of the industry on Board Task Force Additional directions Order dt.20.06.2023 issued Under Air & Water (P&C) Amendment Acts is submitted below:

S. No.	Directions	Compliance
1	The industry shall maintain sufficient free board to avoid overflows in effluent collection tanks and shall dispose the same as per CFO & HWA conditions.	<ul style="list-style-type: none"> Complied. During inspection, No overflows were observed.
2	The industry shall not stock the effluents in the collection tanks and shall treat the effluents in ZLD system / send to the CETP to avoid any over flow in view of the rainy season.	During inspection, ZLD system (MEE system and Bio ETP system) was under operation.

- Compliance of the industry on CFO schedule - B conditions: CFO Order No. 230524255692, dt.13.01.2023.

S. No	Condition	Compliance																																																															
1	The industry shall take steps to reduce water consumption to the extent possible and consumption shall NOT exceed the quantities prescribed below:	As per the records of the industry during the period from Jan 2023 to June 2023 the water consumption is 28.28 KLD as against the consented 59.2 KLD (As per CFO order).																																																															
	<table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Process</th> <th>Quantity (KLD)</th> </tr> </thead> <tbody> <tr><td>1</td><td>Washing</td><td>10</td></tr> <tr><td>2</td><td>Washing of material</td><td>10</td></tr> <tr><td>3</td><td>Washing of equipment</td><td>10</td></tr> <tr><td>4</td><td>Washing of floor</td><td>10</td></tr> <tr><td>5</td><td>Washing of tank</td><td>10</td></tr> <tr><td>6</td><td>Washing of pipe</td><td>10</td></tr> <tr><td>7</td><td>Washing of wall</td><td>10</td></tr> <tr><td>8</td><td>Washing of roof</td><td>10</td></tr> <tr><td>9</td><td>Washing of ground</td><td>10</td></tr> <tr><td>10</td><td>Washing of drainage</td><td>10</td></tr> <tr><td>11</td><td>Washing of sewer</td><td>10</td></tr> <tr><td>12</td><td>Washing of storm water</td><td>10</td></tr> <tr><td>13</td><td>Washing of rain water</td><td>10</td></tr> <tr><td>14</td><td>Washing of snow water</td><td>10</td></tr> <tr><td>15</td><td>Washing of ice water</td><td>10</td></tr> <tr><td>16</td><td>Washing of other water</td><td>10</td></tr> <tr><td>17</td><td>Washing of total</td><td>10</td></tr> </tbody> </table>	Sl. No.	Process	Quantity (KLD)	1	Washing	10	2	Washing of material	10	3	Washing of equipment	10	4	Washing of floor	10	5	Washing of tank	10	6	Washing of pipe	10	7	Washing of wall	10	8	Washing of roof	10	9	Washing of ground	10	10	Washing of drainage	10	11	Washing of sewer	10	12	Washing of storm water	10	13	Washing of rain water	10	14	Washing of snow water	10	15	Washing of ice water	10	16	Washing of other water	10	17	Washing of total	10										
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4	The industry shall not manufacture any un-consented products and exceeding capacities without obtaining prior Consent for Establishment (CFE) and Consent for Operation (CFO) of the Board.	As per the production records of the industry for the last 9 months period of Jan 2023 to June 2023, the industry has manufactured 7 Consented products with a production of 227.29 Kg/day (avg) as against consented 733.31 Kg/day.																																																															

5	The industry shall comply with emission limits for DG sets upto 800 KW as per the Notification G.S.R.520 (E), dated 01.07.2003 under the Environment (Protection) Amendment Rules, 2003 and G.S.R.448(E), dated 12.07.2004 under the Environment (Protection) Second Amendment Rules, 2004. In case of DG sets more than 800 KW should comply with emission limits as per the Notification G.S.R.489 (E), dated 09.07.2002 at serial no.96, under the Environment (Protection) Act, 1986.	Complied. 217
6	The industry shall comply with ambient air quality standards of PM10(Particulate Matter size less than 10µm) - 100 µg/ m ³ ; PM2.5(Particulate Matter size less than 2.5 µm) - 60 µg/ m ³ ; SO ₂ - 80 µg/ m ³ ; NO _x - 80 µg/m ³ , NH ₃ - 400 µg/m ³ outside the factory premises at the periphery of the industry. Standards for other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009 Noise Levels: Day time (6 AM to 10 PM) - 75 dB (A) Night time (10 PM to 6 AM) - 70 dB (A).	--
7	The industry has paid CFO fee Rs. Rs.15,00,000/- upto 31.12.2027. The industry has to pay balance CFE differential fee of Rs. 4,50,000/-.	Complied. The industry has paid the balance CFE fee of Rs. 4,50,000/- on 13.01.2023 with UTR no UTIBR52023011300361829.
8	The industry either paying annual fee or total fee for Consented period, shall pay the balance fee as per the revised rates as applicable from time to time.	
9	The industry shall maintain separate water meters for recording water consumption for process, boiler feed, cooling and domestic purposes and also maintain daily records.	Complied.
10	The industry shall segregate effluents into LTDS & HTDS effluents separately.	Complied
11	The industry shall regularly operate the ZLD system to treat the effluent and 100% recycle of treated effluent.	During the inspection, the MEE system was not in operation. But, Biological ETP
12	The industry is permitted to send HTDS effluents to the MEE system of M/s. JETL, Jeedimetla for a period of maximum 15 days in a calendar year i.e. during maintenance / break down of Stripper, MEE & ATFD system and shall maintain records.	--
13	The industry shall maintain digital flow meters with totalisers (RS-485 communication) for recording the quantity of HTDS effluents, LTDS effluent & RO permeate and also maintain daily records. They shall connect the flow totaliser data to TSPCB & CPCB servers as per CPCB protocol.	The industry has provided digital flow meters at effluent collection line, MEE feed, ATFD feed, MEE condensate, RO permeate.
14	The industry shall provide IP camera with PAN, 5x or above focal length with night vision capability at the entrance of the main gate within two months with a backup data for a period of 6 months.	Complied. The industry has provided PTZ IP camera at the main gate and connected it to TSPCB website.
15	The industry shall maintain vent condensers for chemical / solvent storage tanks to control fugitive emissions.	Provided vent condensers for bulk solvent storage tanks.
16	The industry shall operate multi stage scrubber along with online pH monitoring system for control of process emissions. They shall maintain log book for operation of scrubber for monitoring active scrubbing media.	Complied

17	The industry shall monitor VOCs in ambient air with online VOC analyzer & connect the data to TSPCB server.	Complied
18	The industry shall maintain elevated platform with leachate/spillages collection pit to store drums containing chemicals & wastes to control spillages / discharges of chemicals / effluents on ground.	<ul style="list-style-type: none"> Complied. The industry has provided separate shed for storage of drums.
19	The industry shall maintain IP camera with PAN, TILT Zoom, 5x or above focal length, with night vision capability at effluent collection system (HTDS & LTDS) and RO permeate as per CPCB norms. They shall connect the data to CPCB & TSPCB server.	Provided digital flow meter and IP camera without PTZ feature to HTDS, LTDS, RO Permeate and connected the same to Board server.
20	The industry shall install IP cameras to focus the entire premises duly covering ZLD area, boiler stack and entire boundary of the plant.	The industry has provided IP Camera focusing Chimney area, Biological ETP (which can rotate 360 for plant view).
21	The industry maintain the Ambient Air Quality (AAQ) and have adequate control to achieve the ZLD.	During inspection, No nuisance was observed.
22	The industry shall install on line TDS meter for HTDS effluent generation and connect the same to TSPCB server within two months. They shall maintain the records for effluent generation, TDS values, salts generation on daily basis.	Complied
23	The industry shall develop greenbelt as per norms.	Developed greenery in an area of about 1.6 acres.
24	The industry shall operate dry vacuum pump to minimize odour as per the directions of the Board.	Complied
25	The industry shall maintain records on source of starting raw material / Intermediates for each product-wise and the consolidated records shall be submitted to R.O., Nalgonda every month along with invoice copies of the starting raw materials.	Directed to comply.
26	The industry shall operate Solvent Recovery Plant within plant premises. Solvents shall be recovered to the maximum extent possible and shall be reused. The industry shall submit status of efficiency of Solvent Recovery Plant to the concerned Regional Officer. The industry shall not dispose spent solvents / mixed spent solvents to the traders/ recyclers.	The industry has Solvent Recovery Column with 2 columns of capacity 20 KLD.
27	The industry shall carry out Leak Detection and Repair Study (LDAR) to access the solvent losses.	The industry has conducted Leak Detection and Repair Study in the Month of Sept'22.
28	The industry shall provide storm water drains to avoid mixing of effluent/spillages with run-off water during rains.	The industry has provided first run off rain water collection tank of capacity 60 KL & (for new production block area), 40 KL (for old production block area).
29	The industry shall provide arrangement to bypass the rain water collection tank of first run off rain water for subsequent water flow.	Complied
30	The industry shall provide and maintain platform and cover area for detoxification of containers and container liners. The wastewater generated from detoxification facility shall be sent to the effluent storage tank for further treatment and disposal.	Complied

31	The industry shall provide dyke walls for storage tanks / areas to control spillages.	Complied 219
32	The industry shall maintain separate energy meters for recording energy consumption for air pollution control equipments and maintain record for daily energy consumption.	The industry has provided separate energy meter for ZLD system and scrubbing system.
33	The evaporation losses in solvents shall be controlled by taking all preventive measures such as circulation of Chilled brine, transfer of solvents by using pumps instead of manual handling, closed centrifuges, providing primary & secondary condensers to all the reactor vents and all the solvent storage tanks and keeping solvent storage in ground storage tanks with closed pipeline to Reactors. The industry shall operate Solvent Recovery Plant within plant premises. Solvents shall be recovered to the maximum extent possible and shall be reused. The industry shall submit status of efficiency of Solvent Recovery Plant to the concerned Regional Officer. The industry shall not dispose spent solvents / mixed spent solvents to the traders/ recyclers.	Provided vent condensers for bulk solvent storage tanks.
34	The industry should not discharge any wastewater within or outside the factory premises.	During the inspection, no discharges of effluent were observed.
35	(a) The industry shall maintain the following records and the same shall be made available to the Board Officials during the inspection. i. Daily production details and Central Excise Returns. ii. Quantity of Effluents generated (HTDS & LTDS) and disposed. iii. Log Books for pollution control systems. iv. Daily solid waste generated and disposed (b) The industry shall submit consolidated statement of the above on monthly basis to the Concerned Regional Office.	Maintained
36	As per G.O.Rt.No.286, the industry shall transport the industrial effluents and plying on the roads is allowed between 6 A.M. to 6 P.M. only.	--
37	The industry shall maintain concreted internal roads by cleaning regularly to avoid fugitive emissions due to vehicular movement.	Complied
38	The industry shall comply with Task Force directions issued by the Board from time to time.	Submitted above
39	The applicant shall submit Environment statement in Form V to the Regional office before 30th September of every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.	Submitting
40	The conditions stipulated in this order are without any prejudice to rights and contentions of this Board in any Hon'ble court of Law.	--

Remarks:

1. M/s. Brundavan Laboratories (P) Ltd., Yellagiri (V), Choutuppall (M), Yadadri Bhavanagiri District and engaged in manufacturing of Bulk Drugs & Intermediates.
2. The industry has obtained CFO & HWA (phase-I expansion) renewal from the Board vide order dt: 13.01.2023 valid up to 31.12.2027.
3. The industry provided new ZLD system (125 KLD) consisting of Collection Cum Neutralization → Holding tank → Flash mixer-I → Coagulation → Clarifier → Press filter → Stripper Holding tank → Stripper (125 KLD) → MEE (4 calendrias having total capacity of 125 KLD) → ATFD (20 KLD) → MEE & ATFD Condensate to ETP (Biological Treatment-125 KLD) → Concentrate to ATFD, salts to TSDF.

4. The industry has provided vent condenser followed by activated charcoal bed to the scrubber of ATFD.
5. The Biological ETP system consisting of Collection Cum Equalization → ETP (Biological Treatment) along with MEE condensate.
ETP (Biological Treatment) along with the domestic wastewater (septic tank overflow) → Aeration tank -I (650 KL), secondary Clarifier-I (25 KL), Aeration tank -II (100 KL), Secondary clarifier -II (15 KL), Storage tank (10 KL), Sand filter & carbon filters and RO plant (125 KL) → RO Permeate to Cooling Tower / Boiler
6. During inspection, the MEE system was not in operation due to lack of effluent load and Biological ETP was under operation.
7. The industry has provided the IP camera without PTZ features along with digital flow meters at HTDS and LTDS effluents collection line, RO permeate and connected to the Board server.
8. The industry is having coal fired boiler of capacity 5 TPH provided with Bag filter as APCE and 2 TPH boiler provided with cyclone dust collector as APCE followed by separate chimneys of height 30 mtrs. The industry is having DG sets of capacity 250 KVA & 125 KVA and provided acoustic enclosures.
9. The industry has provided double stage scrubber followed by Activated charcoal bed for production block A and 3 Nos of single stage scrubbers at vent of HCL tank, vents of centrifuges at production block-A, vents of centrifuges at production block-B. The industry has provided double stage scrubber followed by activated charcoal bed at Production block-D (new block). The industry has provided single stage scrubber to vent of ATFD (new ZLD).
10. The industry has provided online VOC analyzer for monitoring of VOCs and connected to TSPCB server.
11. As per the production records of the industry for the last 6 months period of Jan 2023 to June 2023, the industry has manufactured 7 Consented products with a production of 227.29 Kg/day (avg) as against consented 733.31 Kg/day.
12. As per the records of the industry during the period from Jan 2023 to June 2023 the water consumption is 28.28 KLD as against the consented 59.2 KLD (As per CFO order).
13. As per the records of the industry during the period from Jan 2023 to June 2023 the waste water generation is 9.96 KLD as against the consented 28.5 KLD.
14. As per the records of the industry during the period from Jan 2023 to June 2023 the MEE salts disposal to M/s. TSDF is 584 kgs/day to TSDF (M/s Ramky) and disposal of Organic waste is 648 kgs/day to Cement industries (i.e., Sri Envirotech).
15. The board has collected samples from cooling towers on 27.05.2023 to ensure usage of untreated effluent in cooling towers. The values of the analysis reports are as given below:

Parameter	Cooling tower - chilling plant	Cooling tower - Production Block A	Cooling tower - Production Block B
pH	7.78	7.10	7.59
TSS	42	38	24
TDS	980	604	880
COD	104	96	88

Note: All values are in mg/L, except pH.

12. **WHEREAS**, vide reference 9th cited, you were given an opportunity for hearing before the Task Force Committee of the Board during the meeting held on 07.08.2023. The industry representative and RO-Nalgonda have attended the meeting. After detailed discussions, the Committee recommended to inspect the industries by Task Force Committee Members.
13. **WHEREAS**, vide reference 10th cited, the Task Force Committee inspected the industries on 10th & 11th of August, 2023 and the following observations were made:
 1. During the inspection, the industry is in operation.

2. The industry provided ZLD system consisting of Stripper, MEE, ATFD & Biological ETP followed by RO plant. During inspection, the MEE system was not in operation for less effluent load due to low production. Photograph of MEE System:
3. The industry provided Biological ETP to treat LTDS effluent and MEE condensate. During inspection, the Biological ETP was under operation.
4. The industry has provided two stage scrubber for HTDS collection tanks with dome. But, during the inspection, scrubber was not in operation causing odour nuisance to surroundings
5. The industry has provided double stage scrubber followed by Activated charcoal bed for production block A and 3 Nos of single stage scrubbers at vent of HCL tank, vents of centrifuges at production block-A, vents of centrifuges at production block-B. The industry has provided double stage scrubber followed by activated charcoal bed at Production block-D (new block).
6. The industry has provided condenser followed by single stage scrubber followed by activated charcoal bed to the ATFD.
7. The industry is having coal fired boiler of capacity 5 TPH provided with Bag filter as APCE and 2 TPH boiler provided with cyclone dust collector as APCE followed by separate chimneys of height 30 mtrs. The industry is having DG sets of capacity 250 KVA & 125 KVA and provided acoustic enclosures.
8. The industry has stored hazardous waste, and there was lot of odour.
9. The industry has not provided shed for storage of Coal ash. The industry's representative informed that they will construct the shed for ash storage.

- The compliance status of the industry on the Non-Compliances mentioned in TF agenda dated:07.08.2023:

S. No	Direction	Compliance
1	The industry has to improve housekeeping at HTDS circulation tank.	Improved.
2	Odour was observed within the industry premises it may lead to surrounding areas during the wind flow.	Odour was observed at MEE & ETP area.
3	The industry has not submitted latest LDAR status report.	Submitted to RO

14. **WHEREAS**, vide reference 11th cited, you were given an opportunity for hearing before the Task Force Committee of the Board during the meeting held on 28.08.2023. The Complainants & industry representatives (Virtually), RO-Nalgonda have attended the meeting. After detailed discussions, the Committee recommended to issue Extension of Temporary Revocation of Closure Orders for a period upto 31.10.2023 and also recommended to forfeit the Bank Guarantee of Rs.24.0 Lakhs with certain directions.

15. **WHEREAS**, after careful consideration of the material facts of the case, **the Board hereby issue Extension of Temporary Revocation of Closure Order to your industry for a period upto 31.10.2023 with the following directions to comply with:**

1. The industry shall comply with all conditions stipulated in the CFO&HWA order issued by the Board scrupulously.
2. The industry shall comply with all the conditions stipulated in the Extension of Temporary Revocation of Closure Order dated: 26.06.2023.
3. The industry shall pay the Environmental Compensation (EC) of Rs.45,00,000/- as per the Hon'ble NGT Orders vide order dated:21.06.2023, you are hereby directed to deposit an amount of Rs.45,00,000/- (Rupees Forty Five Lakhs Only) towards Environmental Compensation. The amount shall be deposited by way of D.D drawn in favour of "Member Secretary, T.S Pollution Control Board" payable at Hyderabad.
4. The industry shall continuously operate ZLD system so as to treat all the effluent and shall reuse all the treated effluent for plant needs and shall maintain the records.

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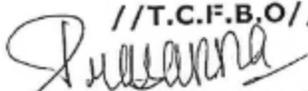
5. The industry has provided aeration tanks for Biological ETP. No biological culture / bacteria (MLSS) is developed in aeration tank. Hence, the industry is not operating the Biological ETP effectively as aeration tank is not in stabilized condition with proper bio-culture.
 6. The industry shall provide/maintain operate digital flow meters with IP cameras to ZLD system & provide/ maintain IP camera at main gate entrance. The industry shall provide / maintain PTZ camera to cover ZLD & boiler area. All the cameras shall be connected to the TSPCB Server.
 7. The industry shall provide first runoff of rainwater & seepage collection pit with proper bypass arrangement for free flow of subsequent rain water (24 kL/acre). The collected contaminated rain water shall be pumped and stored in above ground level tank of adequate capacity and the same shall be treated within the premises or send to CETP for further treatment and disposal.
 8. The industry shall provide digital flow meter for the first run off water and shall treat in their ZLD / dispose to CETP for further treatment.
 9. The industry shall submit a fresh Bank Guarantee of Rs.24.0 Lakhs towards compliance of the above directions in favour of the Member Secretary, TSPCB, Hyderabad for a period of one year at concerned Regional office within in a week.
 10. The industry shall recoup the Bank Guarantee of Rs.24.0 Lakhs towards Bank Guarantee forfeited to the Board from time to time before its expiry, till further orders of the Board.
 11. The industry shall not carryout operations without valid revocation of closure orders. Failing which the Board will be constraint to take action against the industry.
16. **WHEREAS**, the TSSPDCL., Ltd., has been directed to restore the power supply to your industry for a period up to 31.10.2023.
17. These orders are issued under Section 33(A) of Water (Prevention and Control of Pollution) Act, 1974 (as amended by Act 53 of 1988).
18. You are hereby directed to note that, should you misuse these orders to operate the unit violating any of the conditions mentioned above, your unit will be closed under Section 33(A) of Water (Prevention and Control of Pollution) Act, 1974 (as amended by Act 53 of 1988) without any further notice to you and you will also be liable for prosecution in the court of Metropolitan Magistrate or Judicial Magistrate of the first class under section 41(2) of Water (Prevention and Control of Pollution) Act, 1974 (as amended by Act 53 of 1988), the punishment for which include imprisonment for a term which shall not be less than one year six months and which may be extended to six years with fine.

Sd/-
MEMBER SECRETARY

To
M/s. Brundavan Laboratories (P) Ltd.,
Yellagiri (V), Choutuppal (M),
Yadadri Bhauangiri District.

Copy to:

1. The JCEE., Z.O., R.C.Puram for information and necessary action.
2. The Environmental Engineer, Regional Office, Nalgonda for information necessary action. The RO is directed coordinate with the Task Force Committee Members to inspect the industry after four weeks to verify the compliances status of the industry.
3. Concerned file.

//T.C.F.B.O//

Senior Environmental Engineer
(Task Force - UH-IV)

This Order has the Digital Approval by the Member Secretary.



223
TELANGANA STATE POLLUTION CONTROL BOARD
PARYAVARAN BHAVAN, A - 3, INDUSTRIAL ESTATE,
SANATHNAGAR, HYDERABAD - 500 018.

Phone: 23887500
Fax: 040 - 23815631
Website: tspcb.cgg.gov.in

BY REGD. POST WITH ACK. DUE

ORDER ISSUED UNDER AIR (P&C) AMENDMENT ACT, 1987

Order No. NLG-54/TSPCB/TF/HO/2023-768

Date: 13.09.2023

Sub: TSPCB - M/s. Brundavan Laboratories (P) Ltd., Yellagiri (V), Choutuppal (M), Yadadri Bhauangiri District - Air (Prevention and Control of Pollution) Act 1981 (as amended by Act 47 of 1987) - **Extension of Temporary Revocation of Closure Order for a period up to 31.10.2023 - Orders Issued** - Reg.

- Ref :**
1. CFO&HWA Order dt.13.01.2023 with validity up to 31.12.2027.
 2. Closure Order No.NLG-54/TSPCB/TF/HO/2017-2131 & 2132, dt.02.03.2022.
 3. Temporary Revocation of Closure Order No.NLG-54/TSPCB/TF/HO/2017-161, Dt: 26.04.2022.
 4. The Hon'ble NGT, Chennai has issued directions vide Order dated: 17.01.2023.
 5. The Board issued additional directions on 21.06.2023 for Levying of Environmental Compensation.
 6. Extension of Temporary Revocation of Closure Order issued on 26.06.2023 for a period up to 31.07.2023.
 7. The Board received a complaint on twitter by Sri Panduchoppari@panduchoppari on 31.07.2023 regarding colored water stagnation in the Dothigudem area and also same complaint forwarded by the District Collector, Yadadri Bhuvanagiri District.
 8. The RO-Nalgonda Officials report dated 01.08.2023.
 9. Hearing held on 07.08.2023.
 10. Hon'ble High Court orders in WP.No.19039 of 2023 dt.08.08.2023 regarding Environmental Compensation Levied by the TSPCB.
 11. The Task Force Committee Members inspected the industry on 10.08.2023 & 11.08.2023.
 12. Hearing held on 28.08.2023.

* * * * *

1. **WHEREAS**, you are operating the industry located at Yellagiri (V), Choutuppal (M), Yadadri Bhauangiri District and engaged in Bulk drugs & Intermediates manufacturing unit.
2. **WHEREAS**, vide reference 1st cited, the Board issued CFO&HWA order dt.13.01.2023 with a validity period upto 31.12.2027.
3. **WHEREAS**, vide reference 2nd cited, the Board issued Closure order to the industry on 02.03.2022 for non compliance of the Board directions / Consent conditions and causing pollution in the surrounding area.
4. **WERHEAS**, vide reference 3rd cited, the Board issued Temporary Revocation of Closure Order to industry on 26.04.2022 for a period of Three months with certain directions to comply.
5. **WHEREAS**, vide reference 4th cited, the Hon'ble NGT, Chennai vide Order dated: 17.01.2023 directed the TSPCB to furnish the compliance report on water & soil analysis.
6. **WERHEAS**, vide reference 5th cited, the Board issued additional directions to the industry on 21.06.2023 for Levying of Environmental Compensation (EC).
7. **WERHEAS**, vide reference 6th cited, the Board issued Extension of Temporary Revocation of Closure Order to the industry on 26.06.2023 for a period up to 31.07.2023.

8. **WERHEAS**, vide reference 7th cited, the Board received a complaint on twitter by Sri Panduchoppari@panduchoppari on 31.07.2023 regarding colored water stagnation in the Dothigudem area and also same complaint forwarded by the District Collector, Yadadri Bhuvanagiri District.
9. **WHEREAS**, the industry have filed a Writ Petitions before Hon'ble High Court of Telangana praying the Hon'ble High Court to declare the orders issued by the Respondent Board directing the petitioner industry to deposit an amount towards Environmental Compensation without giving any notice as arbitrary and irregular, contrary to law, without power and jurisdiction and set aside the same.
10. **WHEREAS**, the Hon'ble High Court passed an orders dt.08.08.2023 in the WP No.19039 of 2023, the composite order dated:21.06.2023 issued to the industry by the Board is quashed and set aside and the operative portion of the order reads as under.

"For the afore-mentioned reasons, order dated 21.06.2023 passed by the Board cannot be sustained in the eye of law. Accordingly, it is quashed and set aside. The matter is remitted to the Board to consider the grounds taken by the petitioner in the explanation dated 02.06.2023. Needless to state that the Board shall also consider the fact that consent for operation was granted to the petitioner on 08.02.2023 as well as the fact that the petitioner was not a party to the order dated 17.01.2023 passed by National Green Tribunal in O.A.No.97 of 2021. The Board shall afford an opportunity of hearing to the petitioner and shall by a speaking order conclude the proceeding initiated in pursuance to show cause notice dated 22.05.2023. It is made clear that this Court has not expressed any opinion on merits of the matter".

11. **WHEREAS**, vide reference 8th cited, the RO-Nalgonda officials inspected the industry and submitted report to the Board office on 01.08.2023 and the following observations were made:

1. The industry is in operation during inspection.

- The compliance status of the industry on the Non-Compliances stipulated in the Extension of Temporary Revocation of Closure Order dt: 26.06.2023 is as follows:

Air Act:

S. No	Direction	Compliance
1	The industry shall take all odour control measures and operate the same regularly to avoid nuisance to the surrounding environment.	Complied.
2	The industry shall provide & maintain dome with suction hood followed by double stage scrubber with online pH meter to the HTDS effluent storage tanks to control the odour nuisance.	<ul style="list-style-type: none"> • Complied. • The industry has provided double stage scrubber followed by activated carbon bed with online pH meter.
3	The industry shall provide & maintain sub cooler condensers system followed by activated charcoal bed to the vents of scrubbing system connected to HTDS collection tank so as to arrest the VOCs.	<ul style="list-style-type: none"> • Complied. • The industry has provided double stage scrubber with sub cooler condenser followed by activated carbon bed with online pH meter for HTDS collection tanks.
4	The industry shall provide & maintain sub cooler condensers system followed by activated charcoal bed so as to arrest the VOCs from the scrubber attached to ATFD.	<ul style="list-style-type: none"> • Complied. • The industry has provided single stage scrubber with sub cooler condenser followed by activated carbon bed with online pH meter for ATFD.
5	The industry shall continuously operate scrubbers with online pH meter for control of process emissions and shall take appropriate additional measures for control smell nuisance within & outside the industry premises.	<ul style="list-style-type: none"> • Complied. • During inspection, No odour nuisance was observed

4	The industry shall not manufacture any un-consented products and exceeding capacities without obtaining prior Consent for Establishment (CFE) and Consent for Operation (CFO) of the Board.	As per the production records of the industry for the last 9 months period of Jan 2023 to June 2023, the industry has manufactured 7 Consented products with a production of 227.29 Kg/day (avg) as against consented 733.31 Kg/day.
5	The industry shall comply with emission limits for DG sets upto 800 KW as per the Notification G.S.R.520 (E), dated 01.07.2003 under the Environment (Protection) Amendment Rules, 2003 and G.S.R.448(E), dated 12.07.2004 under the Environment (Protection) Second Amendment Rules, 2004. In case of DG sets more than 800 KW should comply with emission limits as per the Notification G.S.R.489 (E), dated 09.07.2002 at serial no.96, under the Environment (Protection) Act, 1986.	Complied.
6	The industry shall comply with ambient air quality standards of PM10(Particulate Matter size less than 10µm) - 100 µg/ m ³ ; PM2.5(Particulate Matter size less than 2.5 µm) - 60 µg/ m ³ ; SO ₂ - 80 µg/ m ³ ; NO _x - 80 µg/m ³ , NH ₃ - 400 µg/m ³ outside the factory premises at the periphery of the industry. Standards for other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009 Noise Levels: Day time (6 AM to 10 PM) - 75 dB (A) Night time (10 PM to 6 AM) - 70 dB (A).	--
7	The industry has paid CFO fee Rs. Rs.15,00,000/- upto 31.12.2027. The industry has to pay balance CFE differential fee of Rs. 4,50,000/-.	Complied. The industry has paid the balance CFE fee of Rs. 4,50,000/- on 13.01.2023 with UTR no UTIBR52023011300361829.
8	The industry either paying annual fee or total fee for Consented period, shall pay the balance fee as per the revised rates as applicable from time to time.	
9	The industry shall maintain separate water meters for recording water consumption for process, boiler feed, cooling and domestic purposes and also maintain daily records.	Complied.
10	The industry shall segregate effluents into LTDS & HTDS effluents separately.	Complied
11	The industry shall regularly operate the ZLD system to treat the effluent and 100% recycle of treated effluent.	During the inspection, the MEE system was not in operation. But, Biological ETP
12	The industry is permitted to send HTDS effluents to the MEE system of M/s. JETL, Jeedimetla for a period of maximum 15 days in a calendar year i.e. during maintenance / break down of Stripper, MEE & ATFD system and shall maintain records.	--
13	The industry shall maintain digital flow meters with totalisers (RS-485 communication) for recording the quantity of HTDS effluents, LTDS effluent & RO permeate and also maintain daily records. They shall connect the flow totaliser data to TSPCB & CPCB servers as per CPCB protocol.	The industry has provided digital flow meters at effluent collection line, MEE feed, ATFD feed, MEE condensate, RO permeate.
14	The industry shall provide IP camera with PAN, 5x or above focal length with night vision capability at the entrance of the main gate within two months with a backup data for a period of 6 months.	Complied. The industry has provided PTZ IP camera at the main gate and connected it to TSPCB website.

15	The industry shall maintain vent condensers for chemical / solvent storage tanks to control fugitive emissions. 227	Provided vent condensers for bulk solvent storage tanks.
16	The industry shall operate multi stage scrubber along with online pH monitoring system for control of process emissions. They shall maintain log book for operation of scrubber for monitoring active scrubbing media.	Complied
17	The industry shall monitor VOCs in ambient air with online VOC analyzer & connect the data to TSPCB server.	Complied
18	The industry shall maintain elevated platform with leachate/spillages collection pit to store drums containing chemicals & wastes to control spillages / discharges of chemicals / effluents on ground.	<ul style="list-style-type: none"> • Complied. • The industry has provided separate shed for storage of drums.
19	The industry shall maintain IP camera with PAN, TILT Zoom, 5x or above focal length, with night vision capability at effluent collection system (HTDS & LTDS) and RO permeate as per CPCB norms. They shall connect the data to CPCB & TSPCB server.	Provided digital flow meter and IP camera without PTZ feature to HTDS, LTDS, RO Permeate and connected the same to Board server.
20	The industry shall install IP cameras to focus the entire premises duly covering ZLD area, boiler stack and entire boundary of the plant.	The industry has provided IP Camera focusing Chimney area, Biological ETP (which can rotate 360 for plant view).
21	The industry maintain the Ambient Air Quality (AAQ) and have adequate control to achieve the ZLD.	During inspection, No nuisance was observed.
22	The industry shall install on line TDS meter for HTDS effluent generation and connect the same to TSPCB server within two months. They shall maintain the records for effluent generation, TDS values, salts generation on daily basis.	Complied
23	The industry shall develop greenbelt as per norms.	Developed greenery in an area of about 1.6 acres.
24	The industry shall operate dry vacuum pump to minimize odour as per the directions of the Board.	Complied
25	The industry shall maintain records on source of starting raw material / Intermediates for each product-wise and the consolidated records shall be submitted to R.O., Nalgonda every month along with invoice copies of the starting raw materials.	Directed to comply.
26	The industry shall operate Solvent Recovery Plant within plant premises. Solvents shall be recovered to the maximum extent possible and shall be reused. The industry shall submit status of efficiency of Solvent Recovery Plant to the concerned Regional Officer. The industry shall not dispose spent solvents / mixed spent solvents to the traders/ recyclers.	The industry has Solvent Recovery Column with 2 columns of capacity 20 KLD.
27	The industry shall carry out Leak Detection and Repair Study (LDAR) to access the solvent losses.	The industry has conducted Leak Detection and Repair Study in the Month of Sept'22.
28	The industry shall provide storm water drains to avoid mixing of effluent/spillages with run-off water during rains.	The industry has provided first run off rain water collection tank of capacity 60 KL & (for new production block area), 40 KL (for old production block area).
29	The industry shall provide arrangement to by-pass the rain water collection tank of first run off rain water for subsequent water flow.	Complied

30	The industry shall provide and maintain platform and cover area for detoxification of containers and container liners. The wastewater generated from detoxification facility shall be sent to the effluent storage tank for further treatment and disposal.	Complied
31	The industry shall provide dyke walls for storage tanks / areas to control spillages.	Complied
32	The industry shall maintain separate energy meters for recording energy consumption for air pollution control equipments and maintain record for daily energy consumption.	The industry has provided separate energy meter for ZLD system and scrubbing system.
33	The evaporation losses in solvents shall be controlled by taking all preventive measures such as circulation of Chilled brine, transfer of solvents by using pumps instead of manual handling, closed centrifuges, providing primary & secondary condensers to all the reactor vents and all the solvent storage tanks and keeping solvent storage in ground storage tanks with closed pipeline to Reactors. The industry shall operate Solvent Recovery Plant within plant premises. Solvents shall be recovered to the maximum extent possible and shall be reused. The industry shall submit status of efficiency of Solvent Recovery Plant to the concerned Regional Officer. The industry shall not dispose spent solvents / mixed spent solvents to the traders/ recyclers.	Provided vent condensers for bulk solvent storage tanks.
34	The industry should not discharge any wastewater within or outside the factory premises.	During the inspection, no discharges of effluent were observed.
35	(a) The industry shall maintain the following records and the same shall be made available to the Board Officials during the inspection. i. Daily production details and Central Excise Returns. ii. Quantity of Effluents generated (HTDS & LTDS) and disposed. iii. Log Books for pollution control systems. iv. Daily solid waste generated and disposed (b) The industry shall submit consolidated statement of the above on monthly basis to the Concerned Regional Office.	Maintained
36	As per G.O.Rt.No.286, the industry shall transport the industrial effluents and plying on the roads is allowed between 6 A.M. to 6 P.M. only.	--
37	The industry shall maintain concreted internal roads by cleaning regularly to avoid fugitive emissions due to vehicular movement.	Complied
38	The industry shall comply with Task Force directions issued by the Board from time to time.	Submitted above
39	The applicant shall submit Environment statement in Form V to the Regional office before 30th September of every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.	Submitting
40	The conditions stipulated in this order are without any prejudice to rights and contentions of this Board in any Hon'ble court of Law.	--

Remarks:

1. M/s. Brundavan Laboratories (P) Ltd., Yellagiri (V), Choutuppall (M), Yadadri Bhavanagiri District and engaged in manufacturing of Bulk Drugs & Intermediates.
2. The industry has obtained CFO & HWA (phase-I expansion) renewal from the Board vide order dt: 13.01.2023 valid up to 31.12.2027.
3. The industry provided new ZLD system (125 KLD) consisting of Collection Cum Neutralization → Holding tank → Flash mixer-I → Coagulation → Clarifier → Press filter → Stripper Holding tank → Stripper (125 KLD) → MEE (4 calendrias having total

capacity of 125 KLD) → ATFD (20 KLD) → MEE & ATFD Condensate to ETP (Biological Treatment-125 KLD) → Concentrate to ATFD, salts to TSDF.

4. The industry has provided vent condenser followed by activated charcoal bed to the scrubber of ATFD. 229
5. The Biological ETP system consisting of Collection Cum Equalization → ETP (Biological Treatment) along with MEE condensate.
6. ETP (Biological Treatment) along with the domestic wastewater (septic tank overflow) → Aeration tank -I (650 KL), secondary Clarifier-I (25 KL), Aeration tank -II (100 KL), Secondary clarifier -II (15 KL), Storage tank (10 KL), Sand filter & carbon filters and RO plant (125 KL) → RO Permeate to Cooling Tower / Boiler
7. During inspection, the MEE system was not in operation due to lack of effluent load and Biological ETP was under operation.
8. The industry has provided the IP camera without PTZ features along with digital flow meters at HTDS and LTDS effluents collection line, RO permeate and connected to the Board server.
9. The industry is having coal fired boiler of capacity 5 TPH provided with Bag filter as APCE and 2 TPH boiler provided with cyclone dust collector as APCE followed by separate chimneys of height 30 mtrs. The industry is having DG sets of capacity 250 KVA & 125 KVA and provided acoustic enclosures.
10. The industry has provided double stage scrubber followed by Activated charcoal bed for production block A and 3 Nos of single stage scrubbers at vent of HCL tank, vents of centrifuges at production block-A, vents of centrifuges at production block-B. The industry has provided double stage scrubber followed by activated charcoal bed at Production block-D (new block). The industry has provided single stage scrubber to vent of ATFD (new ZLD).
11. The industry has provided online VOC analyzer for monitoring of VOCs and connected to TSPCB server.
12. As per the production records of the industry for the last 6 months period of Jan 2023 to June 2023, the industry has manufactured 7 Consented products with a production of 227.29 Kg/day (avg) as against consented 733.31 Kg/day.
13. As per the records of the industry during the period from Jan 2023 to June 2023 the water consumption is 28.28 KLD as against the consented 59.2 KLD (As per CFO order).
14. As per the records of the industry during the period from Jan 2023 to June 2023 the waste water generation is 9.96 KLD as against the consented 28.5 KLD.
15. As per the records of the industry during the period from Jan 2023 to June 2023 the MEE salts disposal to M/s. TSDF is 584 kgs/day to TSDF (M/s Ramky) and disposal of Organic waste is 648 kgs/day to Cement industries (i.e., Sri Envirotech).
16. The board has collected samples from cooling towers on 27.05.2023 to ensure usage of untreated effluent in cooling towers. The values of the analysis reports are as given below:

Parameter	Cooling tower - chilling plant	Cooling tower - Production Block A	Cooling tower - Production Block B
pH	7.78	7.10	7.59
TSS	42	38	24
TDS	980	604	880
COD	104	96	88

Note: All values are in mg/L, except pH.

12. **WHEREAS**, vide reference 9th cited, you were given an opportunity for hearing before the Task Force Committee of the Board during the meeting held on 07.08.2023. The industry representative and RO-Nalgonda have attended the meeting. After detailed discussions, the Committee recommended to inspect the industries by Task Force Committee Members.
13. **WHEREAS**, vide reference 10th cited, the Task Force Committee inspected the industries on 10th & 11th of August, 2023. The details of the inspection are as follows:

1. During the inspection, the industry is in operation.

2. The industry provided ZLD system consisting of Stripper, MEE, ATFD & Biological ETP followed by RO plant. During inspection, the MEE system was not in operation for less effluent load due to low production. Photograph of MEE System:
3. The industry provided Biological ETP to treat LTDS effluent and MEE condensate. During inspection, the Biological ETP was under operation. Photograph of biological ETP:
4. The industry has provided two stage scrubber for HTDS collection tanks with dome. But, during the inspection, scrubber was not in operation causing odour nuisance to surroundings
5. The industry has provided double stage scrubber followed by Activated charcoal bed for production block A and 3 Nos of single stage scrubbers at vent of HCL tank, vents of centrifuges at production block-A, vents of centrifuges at production block-B. The industry has provided double stage scrubber followed by activated charcoal bed at Production block-D (new block).
6. The industry has provided condenser followed by single stage scrubber followed by activated charcoal bed to the ATFD.
7. The industry is having coal fired boiler of capacity 5 TPH provided with Bag filter as APCE and 2 TPH boiler provided with cyclone dust collector as APCE followed by separate chimneys of height 30 mtrs. The industry is having DG sets of capacity 250 KVA & 125 KVA and provided acoustic enclosures.
8. The industry has stored hazardous waste, and there was lot of odour.
9. The industry has not provided shed for storage of Coal ash. The industry's representative informed that they will construct the shed for ash storage.

The compliance status of the industry on the Non-Compliances mentioned in TF agenda dated:07.08.2023:

S. No	Direction	Compliance
1	The industry has to improve housekeeping at HTDS circulation tank.	Improved.
2	Odour was observed within the industry premises it may lead to surrounding areas during the wind flow.	Odour was observed at MEE & ETP area.
3	The industry has not submitted latest LDAR status report.	Submitted to RO

14. **WHEREAS**, vide reference 11th cited, you were given an opportunity for hearing before the Task Force Committee of the Board during the meeting held on 28.08.2023. The Complainants & industry representatives (Virtually), RO-Nalgonda have attended the meeting. After detailed discussions, the Committee recommended to issue Extension of Temporary Revocation of Closure Orders for a period upto 31.10.2023 and also recommended to forfeit the Bank Guarantee of Rs.24.0 Lakhs with certain directions.

15. **WHEREAS**, after careful consideration of the material facts of the case, **the Board hereby issue Extension of Temporary Revocation of Closure Order to your industry for a period up to 31.10.2023 with the following directions to comply with:**

1. The industry shall comply with all conditions stipulated in the CFO&HWA order issued by the Board scrupulously.
2. The industry shall comply with all the conditions stipulated in the Extension of Temporary Revocation of Closure Order dated: 26.06.2023.
3. The industry shall pay the Environmental Compensation (EC) of Rs.45,00,000/- as per the Hon'ble NGT Orders vide order dated:21.06.2023, you are hereby directed to deposit an amount of Rs.45,00,000/- (Rupees Forty Five Lakhs Only) towards Environmental Compensation. The amount shall be deposited by way of D.D drawn in favour of "Member Secretary, T.S Pollution Control Board" payable at Hyderabad.
4. The industry shall provide odour suppressant mist spray / sprinkle "PIION" liquid at effluent treatment area to control VOCs within one month.

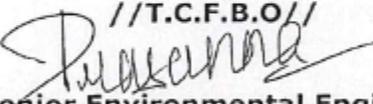
5. The industry shall conduct the LDAR study once in six months. The industry shall take necessary measures as per the latest Leak Detection and Repair (LDAR) Study to arrest the solvent losses and reduce VOCs in the premises.
16. **WHEREAS**, the TSSPDCL., Ltd., has been directed to restore the power supply to your industry for a period upto 31.10.2023.
17. These directions are issued under Section 31(A) of the Air (Prevention and Control of Pollution) Act 1981 (as amended by Act 47 of 1987).
18. You are hereby directed to note that, should you misuse these orders to operate the unit violating any of the conditions mentioned above, your unit will be closed under Section 31(A) of the Air (Prevention and Control of Pollution) Act 1981 (as amended by Act 47 of 1987) without any further notice to you and you will also be liable for prosecution in the court of Metropolitan Magistrate or Judicial Magistrate of the first class under section 37(1) of Air (Prevention and Control of Pollution) Act 1981 (as amended by Act 47 of 1987), the punishment for which include imprisonment for a term which shall not be less than one year six months and which may be extended to six years with fine.

Sd/-
MEMBER SECRETARY

To
M/s. Brundavan Laboratories (P) Ltd.,
Yellagiri (V), Choutuppal (M),
Yadadri Bhauangiri District.

Copy to:

1. The JCEE., Z.O., R.C.Puram for information and necessary action.
2. The Environmental Engineer, Regional Office, Nalgonda for information necessary action. The RO is directed coordinate with the Task Force Committee Members to inspect the industry after four weeks to verify the compliances status of the industry.
3. Concerned file.

//T.C.F.B.O//

Senior Environmental Engineer
(Task Force - UH-IV)

This Order has the Digital Approval by the Member Secretary.



TELANGANA STATE POLLUTION CONTROL BOARD
PARYAVARAN BHAVAN, A - 3, INDUSTRIAL ESTATE,
SANATHNAGAR, HYDERABAD - 500 018.

Phone: 23887500
Fax: 040 - 23815631
Website: tspcb.cgg.gov.in

BY REGD. POST WITH ACK. DUE

Order No.NLG-54/TSPCB/TF/HO/2023 - 766 (232)

Date:13.09.2023

Sub : TSPCB - M/s. Brundavan Laboratories (P) Ltd., Yellagiri (V), Choutuppal (M), Yadadri Bhauangiri District - Water (Prevention and Control of Pollution) Act, 1974 (as amended by Act 53 of 1988) and Air (Prevention and Control of Pollution) Act 1981 (as amended by Act 47 of 1987) - **Extension of Temporary Restoration of Power Supply for a period upto 31.10.2023 - Orders Issued** - Reg.

Ref:

1. Order No.NLG-54/TSPCB/TF/HO/2023-463, Dt:26.06.2023.
2. Hearing held on 28.08.2023.
3. Order No.NLG-54/TSPCB/ TF/HO/2023- , dt.13.09.2023.

* * * * *

In the 1st reference mentioned above, orders under section 33(A) of Water (Prevention and Control of Pollution) Amendment Act, 1988 & under section 31(A) of Air (Prevention and Control of Pollution) Amendment Act, 1987 orders were directed to TSSPDCL to restore the power supply for a period upto 31.07.2023 to **M/s. Brundavan Laboratories (P) Ltd., Yellagiri (V), Choutuppal (M), Yadadri Bhauangiri District.**

In the 2nd reference cited, the status of the industry was reviewed before the Board's Task Force Committee meeting held on 28.08.2023. After careful consideration of all the material facts of the case, it was decided to issue extension of temporary revocation of closure orders for a period upto 31.10.2023. Accordingly the Board has issued extension of temporary revocation of closure orders to the industry. A copy of the extension of temporary revocation of closure orders is herewith enclosed.

In view of the above, the Board hereby directs the TSSPDCL to extend the power supply to **M/s. Brundavan Laboratories (P) Ltd., Yellagiri (V), Choutuppal (M), Yadadri Bhauangiri District- for a period up to 31.10.2023** for carrying out the production activities. These directions are issued under section 33(A) of Water (Prevention and Control of Pollution) Amendment Act, 1988 and under section 31(A) of Air (Prevention and Control of Pollution) Amendment Act, 1987.

Sd/-
MEMBER SECRETARY

To,
**The Superintending Engineer (Operations),
Telangana State Southern Power Distribution Company Ltd.,
Yadadri Bhuvanagiri District.**

Copy to:

1. The JCEE, Z.O, R.C.Puram for information and necessary action.
2. The Environmental Engineer, Regional Office, Nalgonda for information and necessary action.
3. Concerned file.

//T.C.F.B.O//

**Senior Environmental Engineer
(Task Force - UH-IV)**

This Order has the Digital Approval by the Member Secretary.



TELANGANA STATE POLLUTION CONTROL BOARD
PARYAVARAN BHAVAN, A - 3, INDUSTRIAL ESTATE,
SANATHNAGAR, HYDERABAD - 500 018.

Phone: 040-23887500
Fax: 040-23815631
Website: tspcb.cgg.gov.in

Letter No. NLG-54/TSPCB/TF/HO/2023- 767

233

Date: 13.09.2023

Sd/-
DESPATCH NO:
DATE: 14 SEP 2023

Sub : TSPCB - M/s. Brundavan Laboratories (P) Ltd., Yellagiri (V), Choutuppal (M), Yadadri Bhauangiri District - Non-compliance of the Consent conditions and directions issued by the Board - **Forfeiture of Bank Guarantee of Rs.24.0 Lakhs**- Reg.

Ref : Task Force Committee meeting held on 28.08.2023.

* * * * *

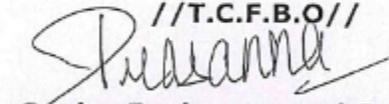
The Compliance status of the Board Directions and CFO&HWA conditions issued to **M/s. Brundavan Laboratories (P) Ltd., Yellagiri (V), Choutuppal (M), Yadadri Bhauangiri District** was reviewed in the Task Force Committee meeting held on 28.08.2023. After detailed discussions, the Committee recommended to impose the Bank Guarantee of Rs.24.0 lakhs and forfeit the same.

In view of the above, the EE, RO, Nalgonda is hereby directed to obtain a fresh B.G. of Rs.24.0 Lakhs and address a letter to the Bank authorities to forfeit Bank Guarantee amount of Rs.24.0 Lakhs immediately for non-compliance of the directions and obtain the forfeited amount by way of D.D drawn in favour of "Member Secretary, T.S Pollution Control Board" and submit to Board office.

Further, the RO is directed to obtain B.G. of Rs.24.0 Lakhs from the industry to recoup the amount of Bank Guarantee forfeited.

Sd/-
MEMBER SECRETARY

To
The Environmental Engineer,
T.S.Pollution Control Board,
Regional Office,
Nalgonda.

//T.C.F.B.O//

Senior Environmental Engineer
(Task Force - UH-IV)

This Order has the Digital Approval by the Member Secretary.

