

Noted & Registered	
At. Serial No.	5824
Date	23/10/2024

BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL
WESTERN ZONE BENCH, PUNE

ORIGINAL APPLICATION NO.198/2023(WZ)

Narayan Shivaji Gund

.... Applicant

Versus

MPCB & Ors

.... Respondents

**Affidavit on behalf of the Maharashtra Pollution Control Board in
Compliance of the Order dated 5/9/2024 passed by this Hon'ble
NGT.**

I, Nikhil Jalindar More, aged about 35 years, occupation – Service, the Sub-Regional Officer of the Maharashtra Pollution Control Board at Solapur having office 4/B, Bali Block, Civil Lines, Opp. Government Milk Scheme, Saat Rasta, Solapur – 413 003, do hereby state on solemn affirmation as under: -


1. I am filing this Affidavit in compliance of the Order dated 5/9/2024 passed by this Hon'ble NGT, wherein, the Hon'ble NGT directed MPCB to place on record the work order, project cost and as to whether earlier, such exercise of assessing EDC and preparation of restoration plan was carried out by ICT Team in any other matter.

Page No. 01 Dt. 23/10/2024
Kalindi D. Surate
Advocate & Notary
Regd. No. 15113



Attestation & Signature	Date

2. I say & submit that the Indian Chemical Technology (ICT) is an institute having experience in research and education in chemical engineering, technology and applied sciences, particularly excelling in environmental sustainability and assessment.
3. I say and submit that the Maharashtra Pollution Control Board has issued the Work Order dated 6/8/2024 to the Indian Chemical Technology (ICT) for Study of Environmental Damage and Adequacy of Pollution Control Equipment for Jakraya Sugar Ltd., Gut No.61/1/A, A/P : Watwate, Tal: Mohol, Dist: Solapur. The entire scope of work is mentioned in the said Work Order and for this project, the total cost is Rs.27,16,352/- + 18% taxes if applicable. A copy of the Work Order dtd.6/8/2024 is enclosed herewith and marked as an **Annexure-‘I’**.
4. I say and submit that the ICT vide letter dated 18/9/2024 submitted relevant information for Study of Environmental Damage and Adequacy of Pollution Control Equipment for Jakraya Sugar Ltd., Solapur, wherein the ICT has submitted the relevant information about the exercise of assessing EDC and preparation of restoration plan, which was carried out by ICT Team in other matter. A copy of the letter dtd.18/9/2024


 Page No. 02 Dt. 23-10-2024
 Kalindi D. Surate
 Advocate & Notary
 Regd. No. 15113



submitted by ICT is enclosed herewith and marked as an Annexure-‘II’.

5. I say and submit that pursuant to the issuance of the work order, the MPCB vide letter dated 9/10/2024 has called the information from M/s.Jakraya Sugar Ltd., which is necessary to carry out the assessment by the ICT as mentioned in the work order. A copy of the letter dtd.9/10/2024 issued by MPCB is enclosed herewith and marked as an Annexure-‘III’.

6. Hence this Affidavit.

Noted & Registered	
At. Serial No.	5824
Date	23-10-2024

Solemnly affirmed on this 23rd day of October, 2024 at Solapur.

I know the affiant

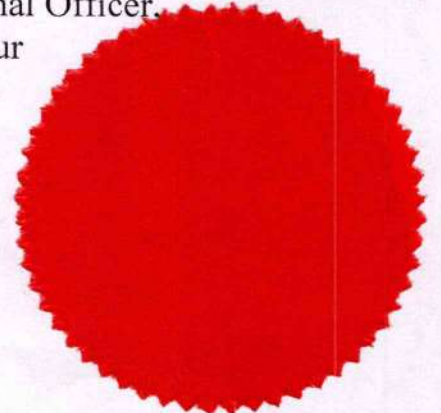
For and on behalf of Maharashtra. Pollution Control Board i.e. Respondent No. 1.

Explained and identified by

अड. लक्ष्मी ना. पडुगा
बी. कॉम., एलएल. बी.
सोलापूर - मोबा नं - 9325730762

ADVOCATE

(Nikhil More)
Sub-Regional Officer,
Solapur



Solemnly affirmed before me by
Shri. Nikhil More

Who is identified by Shri. अड. लक्ष्मी ना. पडुगा
Whom / personally know बी. कॉम., एलएल. बी.
Date :- 23/10/2024

BEFORE ME
KALINDI D. SURATE
NOTARY
GOVT OF INDIA
REG. NO 15113

Page No. 03 Dt. 23-10-2024
Kalindi D. Surate
Advocate & Notary
Regd. No. 15113



डॉ. अविनाश ढाकणे, भाप्रसे
सदस्य सचिव
Dr. Avinash Dhakne, IAS
MEMBER SECRETARY



महाराष्ट्र प्रदूषण नियंत्रण मंडळ
MAHARASHTRA POLLUTION CONTROL BOARD

No. BO/JD(APC)/TB/B- 0288

Date: - 06/08/2024

To,
Vice Chancellor,
Indian Chemical Technology (ICT),
Nathalal Parekh Marg,
Matunga, Mumbai - 400 019.

Sub - Work order for Study of Environmental Damage and Adequacy of Pollution Control Equipment for Jakraya Sugar Ltd., Gut No. 61/1/A, A/p- Watwate, Tal- Mohol, Dist- Solapur.

- Ref - 1) Order passed by Hon'ble NGT in OA No.198/2023.
2) This office letter dated 13/05/2024 regarding inviting proposals.
3) Presentation held on 11/07/2024.
4) Your revised proposal dated 11/07/2024.

Sir,

In accordance to the above referred subject and orders passed by Hon'ble NGT vide above ref. no. 1 Board has invited proposal vide above ref. no. 2 for Study of Environmental Damage and Adequacy of Pollution Control Equipment for Jakraya Sugar Ltd., Gut No. 61/1/A, A/p- Watwate, Tal- Mohol, Dist- Solapur.

Accordingly, Presentation was held on 11/07/2024 and MPC Board has received your revised proposal dated 11/07/2024 vide ref no.3 & 4 respectively. Further, MPC Board has decided to award works of Study of Environmental Damage and Adequacy of Pollution Control Equipment for Jakraya Sugar Ltd., Gut No. 61/1/A, A/p- Watwate, Tal- Mohol, Dist- Solapur with following Objectives, Scope of Work and Deliverables with payment terms and conditions: -

1. Proposal for Study of Environmental Damage and Adequacy of Pollution Control Equipment for Jakraya Sugar Ltd., Gut No. 61/1/A, A/p- Watwate, Tal- Mohol, Dist- Solapur..

A. Objectives:

- i. Assessment of Environmental Damages: Evaluate the environmental impacts of Jakraya Sugar Ltd.'s operations, focusing on air, water, soil, noise, and ecological aspects.
- ii. Pollution Load Assessment: Determine the pollution load generated by the facility.
- iii. Adequacy of Air Pollution Control Equipment: Evaluate the effectiveness of the air pollution control equipment.
- iv. Water Budget Calculation: Analyse water usage and waste, including the Effluent Treatment Plant (ETP) and Sewage Treatment Plant (STP) performance.

२रा, ३रा, व ४था मजला, कल्पतरु पॉइंट, सायन मांटुगा स्किम रोड नं. ८, पीव्हीआर सिनेमा समोर, सायन सर्कल,
सायन (पूर्व), मुंबई - ४०० ०२२. टेलि. : २४०१ ०७०६
2nd, 3rd & 4th Floor, Kalpataru Point, Sion Matunga Scheme Road No. 8, Opp. PVR Cinema, Sion Circle,
Sion (East), Mumbai - 400 022. • Tel.: 2401 0706 • E-mail : ms@mpcb.gov.in • Website : www.mpcb.gov.in

F. Environmental Management Plan Review

- i. Best Practices: Identify best practices for environmental management and restoration.
- ii. Restoration Plan: Develop a detailed restoration plan for air, water, soil, noise, ecological, and waste environments.

G. Deliverables :- Detailed Project Report: A comprehensive report titled "Study of Environmental Damages and Adequacy of Pollution Control Equipment for Jakraya Sugar Ltd." This report will include:

- i. Findings from the environmental damage assessment.
- ii. Pollution load assessment results.
- iii. Performance evaluation of pollution control equipment.
- iv. Water budget calculations.
- v. Solid waste assessment.
- vi. Compliance status.
- vii. Recommendations for improvement.
- viii. An action plan for environmental restoration.

H. Project Duration:

- The time duration of the project shall be 60 working days from receipt of the work order. Final report along with recommendations shall be submitted within 15 days from the date of completion of the whole project.

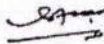
I. Support from MPC Board:

- Representative from MPCB for guidance and technical co-ordination. MPCB shall take the review of the work progress on monthly basis.

J. Payment Terms

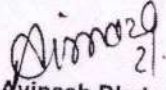
Sr. No.	Descriptions	Amount (Rs) for 2 months Off Season (Phase-I)	Amount (Rs) for 2 months during Season (Phase -II)
1	Manpower-2 @ Rs.78000+ HRA (27%)	Rs.3,96,240/-	Rs.3,96,240/-
2	Professional Fees	Rs.5,00,000/-	Rs.5,00,000/-
3	Consumables	Rs.1,00,000/-	Rs.1,00,000/-
4	Travel and accommodation (7-8 visits)	Rs.2,00,000/-	Rs.2,00,000/-
5	Contingencies	Rs.50,000/-	Rs.50,000/-
6	ICT Overhead (15%) on 1+3+4+5	Rs.1,11,936/-	Rs.1,11,936/-
7	Total	Rs.13,58,176/-	Rs.13,58,176/-
TOTAL Rs. 27,16,352/- + 18 % taxes if applicable			

- 50% alongwith work order
- 30% on submission of Interim Report
- 20% on submission of Final Report



In view of above, you are hereby requested to start the work on issuance of this work order and submit report after completion of work in timely manner.

This is issued with the approval of the Competent Authority of the Board.


(Dr. Avinash Dhakne, IAS)
Member Secretary

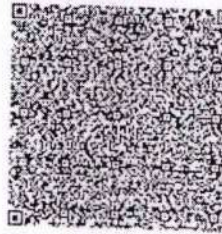


Copy for necessary action:-

1. Joint Director (APC), MPC Board, Mumbai.
2. Chief Account Officer, MPC Board, Mumbai – you are directed to release payment in favor of M/s ICT, Matunga, Mumbai.
3. PSO/RO - Pune/ SRO Pune-I/II/ SSO Central Lab/SSO Pune—They are directed to assist the ICT, Matunga, Mumbai team during the studies carried out in the field.



780



IRN : 3b59944c566e7c95cd1625a278bfcb137822d9eac6-38e1655f8d3cd76d1563dc
 Ack No : 122422618274849
 Ack Date : 12-Aug-24

INSTITUTE OF CHEMICAL TECHNOLOGY

Nathalal Parekh Marg,
 Matunga,
 Mumbai
 GSTIN/UIN: 27AAAT14951J1ZG
 State Name : Maharashtra, Code : 27
 E-Mail : ar fin@staff.ictmumbai.edu.in
 Consignee (Ship to)

Maharashtra Pollution Control Board

Kaipataru Point, Near Sion Circle
 (Opp. Cinemax Theatre), Sion Mumbai
 Opp. Sion Circle (East),
 Mumbai - 400 022
 GSTIN/UIN : 27AAAGM0150J1DT
 PAN/IT No : AAAGM0150J
 State Name : Maharashtra, Code : 27
 Buyer (Bill to)

Maharashtra Pollution Control Board

Kaipataru Point, Near Sion Circle
 (Opp. Cinemax Theatre), Sion Mumbai
 Opp. Sion Circle (East),
 Mumbai - 400 022
 GSTIN/UIN : 27AAAGM0150J1DT
 PAN/IT No : AAAGM0150J
 State Name : Maharashtra, Code : 27

Invoice No.	e-Way Bill No	Dated
ICT/24-25/197		12-Aug-24
Delivery Note		Mode/Terms of Payment
Reference No. & Date.	Other References	
Buyer's Order No.	Dated	
Dispatch Doc No.	Delivery Note Date	
Dispatched through	Destination	
Terms of Delivery		



Sl No.	Description of Services	HSN/SAC	Quantity	Rate per	Amount
1	Research Project and Consultancy Fees Dr. Dipak Pinjari Dr. Anand Jadhav Dr. Abhijeet Goswami (Work Order No. BO/JD(APC)/TB/B-0288 Dt-06.08.2024) OUTPUT CGST @ 9% OUTPUT SGST @ 9%	998393			6,79,088.00
	Total			9 % 9 %	61,117.92 61,117.92

Amount Chargeable (in words)

Indian Rupees Eight Lakh One Thousand Three Hundred Twenty Three and Eighty Four paise Only

Taxable Value	Central Tax Rate	Central Tax Amount	State Tax Rate	State Tax Amount	Total Tax Amount
6,79,088.00	9%	61,117.92	9%	61,117.92	1,22,235.84
Total: 6,79,088.00		61,117.92		61,117.92	1,22,235.84

Tax Amount (in words)

One Lakh Twenty Two Thousand Two Hundred Thirty Five Indian Rupees and Eighty Four paise Only

Remarks.

1st Installment 50% Invoice of Phase I Project Amt Rs. 13,58,176/- + GST (Total Phase I & Phase II Project Cost Rs 27,16,352/- + GST)

Company's Service Tax No. : AAAT14951JSD001
 Company's PAN : AAAT14951J

Declaration

We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

Company's Bank Details

A/c Holder's Name: INSTITUTE OF CHEMICAL TECHNOLOGY
 Bank Name : Bank of Maharashtra, King Circle Branch-929
 A/c No. : 20019464929
 Branch & IFS Code: King Circle Branch & MAHB0000339
 for INSTITUTE OF CHEMICAL TECHNOLOGY

[Signature]

Authorised Signatory



SUBJECT TO MUMBAI JURISDICTION

This is a Computer Generated Invoice

ASSISTANT REGISTRAR (Finance & Accounts)

Institute of Chemical Technology
 (University under Section-3 of UGC ACT 1956)
 Matunga, Mumbai - 400 019


INSTITUTE OF CHEMICAL TECHNOLOGY रसायन तंत्रज्ञान संस्था

Deemed to be University under Section-3 of UGC Act 1956

Elite Status & Centre of Excellence - Government of Maharashtra

Category I Deemed to be University (MHRD/UGC)

National Rank 1 in Atal Innovation Ranking (ARIIA), by MHRD, Category : Govt Aided Universities (2020)



Date: 18.09.2024

The Institute of Chemical Technology (ICT), Mumbai, Maharashtra, India, is a premier institution with a strong focus on research and education in chemical engineering, technology, and applied sciences, particularly excelling in environmental sustainability and assessment.

In the domain of **Environmental Impact Assessment (EIA)**, ICT brings a multidisciplinary approach, combining advanced research with practical applications. ICT's expertise includes pollution monitoring, waste management, resource efficiency, and biodiversity conservation. ICT's faculty are also experts in **techno-economic feasibility studies**, ensuring that sustainable solutions for waste management and pollution control are both economically & technically viable. An integral part of ICT's environmental leadership is **Professor and Vice Chancellor Aniruddha Pandit**, who serves as **Chairman of Industry 3.0 Organic Chemical Synthesis for the Ministry of Environment, Forest, and Climate Change**. In this vital role, Professor Pandit has been instrumental in shaping policies that mitigate environmental issues, particularly those arising from industrial activities. With his vast experience and expertise in **Environmental Impact Assessment (EIA) and mitigation**, he has guided efforts to ensure that industries adopt more sustainable practices, align with environmental regulations, and mitigate adverse effects on ecosystems. His contributions have significantly influenced the development of regulatory frameworks that prioritize environmental protection while fostering industrial growth.

Moreover, ICT faculty are recognized for their contributions to **risk assessment and regulatory compliance**, helping industries adhere to national and international environmental standards. The institute plays a key role in preparing **restoration and remediation plans for damaged ecosystems**, developing sustainable strategies to rehabilitate affected environments. ICT's work in **carbon footprint analysis, life cycle assessments, and sustainable industrial process design** further enhances its reputation in environmental impact studies.

A distinctive aspect of ICT's commitment to environmental protection is its involvement in **assessing environmental damage caused by industrial accidents**. Whenever such incidents occur, ICT faculty members are an integral part of the **environmental damage assessment committees**. These committees, in collaboration with bodies like the **Maharashtra Pollution Control Board (MPCB)**, evaluate the extent of damage and provide expert guidance on mitigation and restoration efforts. The presence of ICT faculty ensures that the assessments are comprehensive, scientifically sound, and geared toward long-term environmental restoration and industrial safety improvements.

ICT MUMBAI

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 email : vt@ictmumbai.edu.in
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Page 1 of 2

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With its extensive expertise and active participation in both preventive environmental assessments and post-incident damage evaluations, ICT stands as a leader in promoting **sustainable development and environmental stewardship** across India.

A standout specific example of ICT's impact is the work of **Dr. Dipak Pinjari**, an experienced Chemical Technologist specializing in **Solid Waste Management, Wastewater Treatment, and Mass and Energy Balance**. Dr. Pinjari has undertaken numerous assignments across industries, ensuring regulatory compliance and managing environmental risks. One such case study is his **extensive audit of exergy analysis at Century Rayon in Shahad, Mumbai**. Dr. Pinjari's team meticulously collected energy and mass balance data across multiple units, including Tyre Cord, Pot Spun Yarn, Continuous Spun Yarn, Auxiliary, Boiler, and Powerhouse units, to verify the company's energy consumption claims. Their findings provided crucial insights into optimizing energy efficiency and aligning reported data with actual production figures. Dr. Pinjari has also successfully conducted third-party inspections under the directives of the **Maharashtra Pollution Control Board (MPCB)**, further solidifying his role in upholding environmental standards.

Dr. Ananda Jadhav contributes significantly to ICT's expertise with his deep proficiency in **Mass and Energy Balance**, which has been honed through years of auditing and optimizing operations for large-scale industries. Dr. Jadhav's additional expertise in **Techno-economic analysis** has enabled him to assess the feasibility and economic viability of innovative technologies, ensuring their smooth integration into both established and emerging markets. Like Dr. Pinjari, Dr. Jadhav has also conducted third-party inspections for the MPCB, ensuring industries comply with environmental regulations.

Mr. Goswami, with over 20 years of hands-on industrial experience, complements this expertise by specializing in **on-site operations, regulatory compliance, and risk management**. His practical knowledge makes him a valuable asset in maintaining operational integrity and safety across diverse industries.

The **ICT Team** has conducted extensive research and implementation in **wastewater treatment** using biological methods and **Advanced Oxidation Processes (AOPs)**. Their research focuses on the destruction of pollutants like textile dyes, phenol, p-nitro-phenol, trichlorophenol, and pharmaceutical contaminants. The team has developed scalable, energy-efficient hydrodynamic cavitation processes for industrial wastewater treatment. They have also explored hybrid methods combining AOPs to enhance degradation efficiency and synergistic effects.

ICT MUMBAI

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GSTIN : 21AAAT14951J1ZS


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1. Whether earlier such exercises of assessing environmental damage assessment and preparation of restoration plan was carried out by the ICT team in any other matters?

Yes, the ICT team has extensive experience in conducting environmental damage assessments and preparing restoration plans in various cases. The team members have individually and collaboratively contributed to these efforts through their specific areas of expertise.

For instance, **Professor Aniruddha Pandit**, a recognized authority in **Environmental Impact Assessment (EIA)**, has played a key role as **Chairman** of the Industry 3.0 Organic Chemical Synthesis for the **Ministry of Environment, Forest, and Climate Change**. His work has influenced policies that mitigate industrial environmental damage, and he has been actively involved in ensuring industries adopt sustainable practices. His leadership in regulatory frameworks further highlights his experience in environmental assessment and mitigation.

Dr. Dipak Pinjari, an expert in Solid Waste Management and Wastewater Treatment, conducted a detailed **exergy analysis** at a renowned company in Mumbai. His team meticulously assessed the energy consumption across multiple industrial units, such as Tyre Cord, Pot Spun Yarn, Continuous Spun Yarn, Auxiliary, Boiler, and Powerhouse units. Their audit verified the company's energy use claims and identified opportunities for optimizing energy efficiency, which contributed to environmental sustainability and regulatory compliance. Furthermore, Dr. Pinjari served as an expert to investigate the root cause of an accident for a company in Gujarat. He recommended installing a glass-lined thermo-well with a tantalum tip inside the reactor, which effectively prevents the generation of static charges. Dr. Pinjari has also performed **third-party inspections** under the directives of the **Maharashtra Pollution Control Board (MPCB)**, focusing on environmental impact assessments and ensuring industrial compliance with environmental standards.

Dr. Ananda Jadhav has substantial expertise in **Mass and Energy Balance**, contributing to environmental assessments through auditing and optimizing large-scale industrial operations. His skills in **Techno-economic analysis** have been instrumental in evaluating the feasibility of sustainable technologies for both established and emerging markets. Dr. Jadhav has also conducted **third-party inspections** for MPCB, ensuring industries follow environmental regulations.

Mr. Abhijeet Goswami, with over 20 years of industrial experience, specializes in **on-site operations, regulatory compliance, and risk management**. His practical expertise has been vital in maintaining operational integrity and safety while assessing environmental risks. Overall, the ICT team has been involved in several environmental assessments, including their participation in **post-incident environmental damage assessment committees** following industrial accidents, in collaboration with the MPCB. These activities have included evaluating environmental damage, guiding restoration efforts, and helping industries adopt sustainable practices.

2. Whether the ICT team is able to assess the damage/pollution already caused in the year 2021 in the present year 2024?

Yes, The ICT team can assess environmental damage or pollution from 2021 in the current year (2024). This assessment will be carried out through a combination of **historical data**

ICT MUMBAI

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 Aurangabad Road, Jalna - 431 203
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 GSTIN : 27AAAT14951J1ZG




analysis, environmental modelling, retrospective monitoring, forensic analysis, and scientific estimation methods. The following is a detailed overview of the process and methodology the ICT team will employ to evaluate past environmental damage and pollution.

1. Historical data collection and review

- Gather **historical environmental data** from **regulatory bodies** (e.g., Maharashtra Pollution Control Board), including reports from industries, environmental audits, pollution records, and public records from 2021.
- Collect meteorological data (e.g., rainfall, wind patterns) to assess the dispersion of pollutants.
- Analyse **industry reports** on emissions, effluent discharge, solid waste generation, and hazardous waste management from 2021.
- Obtain local environmental monitoring data (if available) from air, water, and soil quality stations, or community surveys.

2. Environmental sampling and forensic analysis

- Conduct **soil, water, air, and sediment sampling** in affected areas, focusing on pollutants identified in 2021 reports (e.g., heavy metals, organic pollutants).
- Utilize **forensic environmental techniques** to determine pollutant age and source (isotope analysis, compound-specific chemical fingerprinting). This helps identify **whether contaminants in 2024 originated from activities in 2021**.
- Assess the degradation and transformation products of pollutants (e.g., breakdown of pesticides, hydrocarbons, or dyes) to confirm long-term environmental impact.
- Use **ecotoxicological analysis** to measure pollutant residues in local flora and fauna, confirming delayed effects.

3. Ecological impact assessment

- Identify **keystone species or bioindicators** (e.g., fish, algae, or insects) that could provide insight into environmental health deterioration since 2021.
- Assess the **vegetation loss** and degradation of natural resources, including changes in agricultural yield or forest cover (through satellite or drone imagery).

4. Socio-economic impact analysis

- Gather **health records, water quality reports, and agricultural productivity data** to assess human and economic impacts.
- Conduct **interviews and surveys** with local communities to document the occurrence of diseases, crop failures, or water shortages.

5. Techno-Economic analysis of restoration costs

- Use **techno-economic models** to calculate the **cost of restoration and rehabilitation efforts** needed to bring the environment to its original state.
- Assess the feasibility of **remedial actions**, such as bioremediation, advanced oxidation processes (AOPs), or physical clean-up efforts, based on current conditions.

6. Development of restoration and mitigation plans

- Based on the assessment findings, develop **short-term and long-term restoration plans**, including reforestation, water treatment, and habitat restoration.
- Propose **preventive measures and best practices** to avoid similar damage in the future.

P. J. J. J.

ICT MUMBAI

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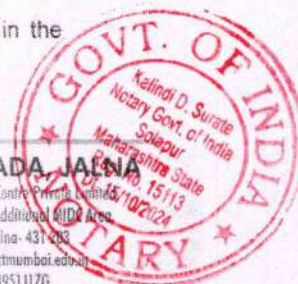
ICT IOC, BHUBANESWAR

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GSTIN : 27AAAT4951J1ZG



Tel : 24010437/24020781/24014701
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Website : www.mpcb.gov.in
E-mail : jdair@mpcb.gov.in



Kalpataru Point, 2nd - 4th Floor,
Opp. FVR Cinema,
Near Sion Circle, Sion (E),
Mumbai - 400 022.

Annexure - III

No. BO/JD(APC)/TB/B- 0209

Date: - 09/10/2024

To,
M/s. Jakraya Sugar Ltd.,
Gut No. 61/1/A, A/p- Watwate,
Tal- Mohol, Dist- Solapur.

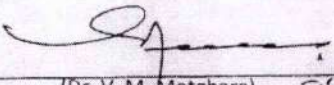
Sub - Discussion regarding Study of Environmental Damage and Adequacy of Pollution Control Equipment.

Ref - 1) Order passed by Hon'ble NGT in OA No.198/2023.

In accordance to the above referred subject and orders passed by Hon'ble NGT vide above ref. no. 1 Board has issued a Work Order to Institute of Chemical Technology, (ICT), Matunga, Mumbai vide above ref. no. 2 for Study of Environmental Damage and Adequacy of Pollution Control Equipment.

In this regard, you are hereby directed to remain present at HQ, MPC Board, Sion, Mumbai on 15/10/2024 at 11.00 AM in the Chamber of undersigned for Discussion regarding Study of Environmental Damage and Adequacy of Pollution Control Equipment along with following information :-

1. Audit report (Balance Sheets)
2. Mass balance and energy balance for sugar unit, distillery, Bio CNG, Common ETP/CPU
3. Online stack monitoring data
4. Details of fuel used for boiler (coal, baggase, bio CNG, any other material)
5. Details of non-hazardous waste (generation/treatment and disposal)
6. Distillery & Bio CNG Process flow diagram with mass and energy balance
7. Sulfur & Molasses purchase data, Yearly consumption and stock
8. Liberation of gasses, if any, generation data, absorption process (Produced Vs. Scrubbed)
9. Energy bill, purchase, consumption, sale information. (MSEDCL, Self- production info and DG Set)
10. ETP mass & energy balance (Waste generation, Valorization, incineration)


(Dr. V. M. Motghare) Joint Director (Air Pollution Control) 09/10/2024

Copy to :-

1. Dr. Dipak V. Pinjari, Principal Investigator, Institute of Chemical Technology, Mumbai—you are requested to remain present for the discussion on 15/10/2024 at 11.00 AM
2. Regional Officer, Pune / Sub Regional Officer, Solapur, MPC Board.

