

BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH, NEW DELHI
Original Application no. 432/2023

IN THE MATTER OF:

Radhey Shyam Sehara

..... Applicant

Versus

State of Uttar Pradesh & Ors

..... Respondents

INDEX
VOLUME-IV

12.	ANNEXURE R-9 : A true copy of the CTE Dt. 14.6.05 issued by the UPPCB.	421-586
13.	ANNEXURE R-10 : A true copy of the letter Dt. 1.7.21 issued by the UPPCB amending the CTE terms.	426-428
14.	ANNEXURE R-11 : The true copies of the latest Consolidated Consents & Authorization (CCA) which is valid up to 31-12-2028.	429 - 437
15.	ANNEXURE R-12 : The true copies of compliance report of CTO (which was valid up to 31-12-2023) and the latest letter Dt. 8.2.23 submitted in last one year.	438 -500
16.	ANNEXURE R-13 : The CSR/CER Expenses details.	501 - 502
17.	ANEXURE R-14 : The Details of ash generated / disposed - off during financial year 2022-2023 & 2023 -2024	503-504
18.	ANNEXURE R-15 : The true Copies of the Map for the green plantations & Photographs of green belt.	505 - 516
19.	ANNEXURE R-16 : The true copy of the detailed water analysis report from MOEF approved lab for company's bore well.	517 - 518
20.	ANNEXURE R-17 : A brief overview of the abovementioned process.	519 -558

21.	ANNEXURE R-18 : The details of the Online (Internet Based) Continuous Emission / Effluent Monitoring System installed by the Answering Respondent and connected to UPPCB / Central Pollution Control Board Server.	559 -586
22.	VAKALATNAMA	587-588
23.	BOARD RESOLUTION	589
24	PROOF OF SERVICE	590

Krishnamohan K Menon, Gautam Dhamija, Dania Nayyar,

Parul Sachdeva, Parth Dixit



Mimansa Law Offices,
ADVOCATES FOR THE RESPONDENT NO. 8,

C-6/50, SDA, NEW DELHI-110016

MOB:9899809187

Mail:danial@mimansalaw.in

NEW DELHI

DATE:07.02.2024



उत्तर प्रदेश प्रदूषण नियंत्रण बोर्ड

'पिकप भवन' तृतीय तल, बी-ब्लॉक, विगूति खण्ड,
गोमती नगर, लखनऊ

संख्या F-147538
/ सी-६/एनओसी/अनापति/बीकेपी

दिनांक 14-6-05

सेवा में

में 0 इन्फिन्ट गवर्नमेंट लि.,

ए-१, इण्डस्ट्रियल एरिया, कन्नपुर रोड,

कन्नपुर, उत्तर प्रदेश, नगर,

उत्तर प्रदेश ।

विषय : पर्यावरणीय प्रदूषण की दृष्टि से / नई इकाई की स्थापना हेतु / कार्यरत इकाई की उत्पादन क्षमता में
विस्तार / संयंत्रों के नवीनीकरण हेतु अनापति प्रमाण पत्र निर्गमन

महोदय,

कृपया उपरोक्त विषयक अपने आवेदन पत्र दिनांक 14.06.05, 19.06.05 व 20.06.05 के संदर्भ में। आपके आवेदन पर विचार किया गया है तथा कृपया अवगत हो कि उद्योग को पर्यावरणीय प्रदूषण के दृष्टिकोण से निम्नलिखित विशिष्ट शर्तों एवं सामान्य शर्तों (संलग्नक) के समुचित अनुपालन के साथ सशर्त अनापति स्वीकृत की जाती है।

1. अनापति प्रमाण-पत्र निम्नलिखित विशिष्ट विवरणों के लिए ही निर्गत किया जा रहा है :-

(क) स्थल : प्लॉट नं-१२, सेक्टर-२५,
गोरखपुर औद्योगिक विकास प्राधिकरण (पीड), गोरखपुर ।

(ख) उत्पादन : औद्योगिक एल्कोहल - २०० कि०मी०/दिन ।

(ग) मुख्य कच्चे माल

शेष - ९०९ - ९२० टन/दिन ।

(घ) औद्योगिक उत्स्रवाह की मात्रा : शून्य

(ङ) प्रयुक्त ईंधन : गैस/हल्क/बैंगल - १० टन/दिन

बाके गैस - २८००० से ४०,००० घनमीटर/दिन

(३२ टन/घण्ट के ठे ब्याक्लरों में)

उपर्युक्त विषय वस्तु में किसी भी प्रकार से परिवर्तन करने पर पुनः अनापत्ति प्रमाण-पत्र प्राप्त करना आवश्यक होगा।

2. उद्योग में सभी आवश्यक यंत्र, संयंत्र, हरित पेंटिकग, उत्स्रवाह शुद्धिकरण संयंत्र तथा वायु प्रदूषण नियंत्रण व्यवस्था की स्थापना में की गयी प्रगति रिपोर्ट इस कार्यालय में प्रत्येक माह की दसवीं तारीख तक निरंतर प्रेषित करें।
3. उद्योग इकाई में परीक्षण उत्पादन तब तक प्रारम्भ नहीं करें जब तक कि वह बोर्ड से जल एवं वायु अधिनियमों के अन्तर्गत सहमति प्राप्त न कर लें। जल एवं वायु सहमति प्राप्त करने हेतु इकाई ने उत्पादन प्रारम्भ करने की तिथि से कम से कम 2 माह पहले निर्धारित सहमति आवेदन पत्रों को उत्पादन पूर्व प्रथम आवेदन का उल्लेख करते हुए इस कार्यालय में अवश्य ही जमा कर दिया जाए। यदि उद्योग उपरोक्त का अनुपालन नहीं करता है तो उक्त अधिनियमों के वैधानिक प्रावधानों के अन्तर्गत उद्योग के विरुद्ध बिना किसी पूर्व सूचना के विधिक कार्यवाही की जा सकती है।
4. उद्योग में परीक्षण उत्पादन के पूर्व हमारे क्षेत्रीय कार्यालय द्वारा इकाई का निरीक्षण सुनिश्चित किया जाए।

5. घरेलू उत्पत्ता, जिसकी मात्रा एक कि०ली०/दिन ती अधिक नहीं होगी। सैदिक टैंक एवं सोक पिट के माध्यम से बोर्ड द्वारा निर्धारित मानकों के अनुरूप शुद्धिकृत कर निस्तारित किया जाए।
6. प्रदूषण नियन्त्रण हेतु प्रस्तावित शुद्धिकरण संयंत्र तथा निर्माण कार्य आपूर्ति के लिये दिये गए आवेदन की प्रति इस कार्यालय में दिनांक से यह तक अवसम प्रस्तुत की जाए।
7. आसवनी में उत्पदन प्रक्रिया प्रारम्भ करने के पूर्व प्रस्तावों के अनुसार जल एवं वायु प्रदूषण नियंत्रण की पूर्ण व्यवस्था स्थापित किया जाऊँ अवशरक रूप से पुनर्निर्माण किया जाए जिससे गंदे जल निस्तारण की स्थिति सुनिश्चित हो सके।
8. औद्योगिक उत्पन्न को पूर्ण रूप से जैविक खाद बनाने में ही प्रयोग किया जाएगा व इकाई का उत्पन्न का निस्तारण किसी नदी सरिता या नाले में नहीं किया जाएगा।
9. बायो कम्पोस्टिंग प्रक्रिया प्रणवी संचालन न हो पाने की स्थिति में प्राथमिक शुद्धिकरण का इकोपेरेशन एवं रिचर्स आस्मोसिस प्रक्रिया के फलस्वरूप जनित अर्धशुद्ध उत्पन्न के समुचित भण्डारण क्षमता के फंके लैगून में ही एकत्र किया जाए जिससे भूजल के संक्रमण या प्रदूषण की कोई सम्भावना न हो। उत्पन्न के शुद्ध निस्तारण हेतु प्रस्तावित बायोकम्पोस्टिंग, फाइव इफेक्ट इकोपेरेशन एवं रिचर्स आस्मोसिस की व्यवस्था हेतु उपर्युक्त आदेशों की प्रति जमा की जाए।
10. बायोकम्पोस्टिंग प्रक्रिया का समस्त कार्य व भण्डारण फंके फर्श पर ही किया जाए। तैयार खाद प्रेश मड व अन्य एग्रे वेस्ट का कवर्ड स्टोड में ही भण्डारित किया जाए। क्षेत्र के चारों ओर वर्षा जल के एकत्रण व उसे स्टोरेज लैगून में ले जाने की व्यवस्था की जाए ताकि जल प्रदूषण की कोई सम्भावना न हो।
11. आसवनी में उत्पदन प्रक्रिया प्रारम्भ करने के पूर्व अनर्क्षित प्रभाव पत्र की अनुमति रिपोर्ट के साथ आवेदन प्रस्तुत कर बोर्ड से नियमानुसार जल एवं वायु सहमति प्राप्त की जाए।
12. ज्वालनों से सम्बद्ध चिमनी की ऊँचाई भूतल से 84मीटर होगी तथा प्रस्तावों के अनुसार वायु प्रदूषण नियंत्रण की व्यवस्था की जाएगी। 400जी० मेट्रो से सम्बद्ध चिमनी की ऊँचाई 20मीटर रखी जाए। ध्वनि प्रदूषण की रोकथाम हेतु एम्ब्रॉस्टिक इन्वोल्वर की व्यवस्था करें।
13. परिसर के चारों ओर कम से कम 10मीटर चौड़ी हरित पट्टिका स्थापित की जाएगी तथा वन सम्पन्न कुल भूमि के 30 प्रतिशत भाग पर वृक्षरोपण किया जाएगा।
14. उद्योग संचालन के पूर्व वन एवं पर्यावरण मंत्रालय, भारत सरकार से पर्यावरणीय स्वीकृति प्राप्त की जानी आवश्यक है, स्वीकृति की प्रति महामहिम आवेदन के साथ प्रस्तुत की जाएगी।
15. उद्योग संचालन के एक वर्ष के अनुश्रवण के आखर पर पर्यावरण प्रभाव मूल्यांकन रिपोर्ट प्रस्तुत की जाएगी।
16. निर्मित की जाने वाली जैविक खाद के भण्डारण व विक्रय का पूर्ण विवरण प्रत्येक त्रैमास में जमा किया जाएगा।
17. जल खपत व उत्पन्न की मात्रा मानकों के अनुरूप ही रखी जाएगी व मात्रा के मापन की समुचित व्यवस्था की जाएगी। जल के पुनः प्रयोग का प्रस्तावों के आखर पर किया जाना किया जाएगा व औद्योगिक उत्पन्न की मात्रा प्रस्तावों के अनुसार रखी जाएगी।

शैल शर्मा 888-542

कृपया ध्यान दें कि उपर्युक्त लिखित विशिष्ट शर्तों एवं सामान्य शर्तों का प्रभावी एवं संतोषजनक अनुपालन न करने पर बोर्ड द्वारा निर्गत अनापत्ति प्रमाण-पत्र निरस्त कर दिया जाएगा। बोर्ड का अधिकार सुरक्षित है कि अनापत्ति की शर्तों में संशोधन किया जाय अथवा निरस्त कर दिया जाय। उपर्युक्त विशिष्ट एवं सामान्य शर्तों के सम्बन्ध में उद्योग द्वारा इरा कार्यालय में दिनांक १५.०५.०५ तक प्रथम अनुपालन आख्या अवश्य प्रेषित की जाए। अनुपालन आख्या नियमित प्रेषित की जाए अन्यथा अनापत्ति निरस्त कर दी जाएगी।

भवदीय

(~~डॉ० सी०एम० फट्ट~~)
सहस्र / सचिव

पृष्ठांक सं.

/ एन. ओ. सी.

तद दिनांक

प्रतिलिपि :

1. महाप्रबन्धक, जिला उद्योग केन्द्र : गोरखपुर ।
2. अतिरिक्त निदेशक, पर्यावरण एवं वन मंत्रालय, परत मस्कर,
सी०जी०ओ० कम्प्लेक्स, लोदी रोड, नई दिल्ली ।
2. उपकर अधिकारी, उ. प्र. प्रदूषण नियंत्रण बोर्ड, लखनऊ ।
3. क्षेत्रीय अधिकारी, उ. प्र. प्रदूषण नियंत्रण बोर्ड : गोरखपुर ।
4. _____

मुख्य पर्यावरण अधिकारी

(संकेत -)

16.1.1998

—4—

१८. उद्योग संकलन से पर्यावरण पर कोई प्रतिकूल प्रभाव नहीं पड़ना चाहिए, ऐसे अवशेष पदार्थ व स्क्रैप क्वारंटर ऐश फरमेन्टर पेशिंग स्लज अन्य अवशेष का उचित निस्तारण किया जाएगा।
१९. ध्वनि प्रदूषण नियंत्रण, दुर्गन्ध नियंत्रण एवं मच्छर आदि कीटों के नियंत्रण की ओर समुचित ध्यान दिया जाए ताकि स्वस्थ पर्यावरण का विकास हो सके।
२०. वर्ष जल संवर्धन एवं भूजल रिचार्ज हेतु रेन वाटर हार्मिसिंग की समुचित व्यवस्था की जाएगी।
२१. पर्यावरणीय अनुप्रवाह की समुचित व्यवस्था की जाएगी ताकि प्रदूषण नियंत्रण व पर्यावरण संरक्षण कार्य का निश्चित अनुप्रवाह किया जाए।
२२. उद्योग में उद्योग के मजदूर हेतु १० लाख किलोलीटर क्षमता का एक फायर लेगून की स्थापना की जाएगी जो कि फेसीलिटिविड अरसीसी/प्रेसीसी कर होगा। उक्त व्यवस्था के द्वारा झरई द्वारा उद्योग का निस्तारण किसी नदी सरिता या नाले में नहीं किया जाना मुनिश्चित किया जाएगा।

Shah

Annexure R-10



UTTAR PRADESH POLLUTION CONTROL BOARD

Building. No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010

Phone:0522-2720828,2720831, Fax:0522-2720764, Email: info@uppcb.com, Website: www.uppcb.com

Ref No. - 12/UPHOC6/EIA/GORAKHPUR/2021

Dated:- 01/07/2021

To ,

Shri IGL GORAKHPUR
M/s INDIA GLYCOLS LIMITED E 1 SECTOR 15 GIDA
M/s India Glycols Ltd E - 1, Sector - 15, GIDA District Gorakhpur ,GORAKHPUR,273209
GORAKHPUR

Sub : Certificate of "No Increase in Pollution Load" in compliance of notification issued by Ministry of Environment Forest & Climate Change, Government of India, vide its notification no. S.O. 980(E) 2nd March, 2021

Sir.

Kindly refer to the application dt 30/06/2021 related to sector Distillery for obtaining "No Increase in Pollution Load Certificate" in compliance of notification issued by Ministry of Environment Forest & Climate Change, Government of India, vide its notification no. S.O. 980(E) 2nd March, 2021.

That Ministry of Environment Forest & Climate Change, Government of India, vide its notification no. S.O. 980(E) 2nd March, 2021 exempted the requirement for prior Environmental Clearance for cases of change in raw material mix without change in the quantity and pollution load as prescribed in the Environmental clearance of the project. The said provisions made in notification dated 2nd March, 2021 are as below

Existing projects (having Prior Environmental Clearance) with no increase in pollution loads: Any increase in production capacity in respect of processing or production or manufacturing sectors (listed against item numbers 2, 3, 4 and 5 in the Schedule to this notification) with or without any change in (i) raw material-mix or (ii) quantities within products or (iii) number of products including new products falling in the same category or (iv) configuration of the plant or process or operations in existing area or in area contiguous to the existing area (for which prior environmental clearance has been granted) shall be exempt from the requirement of Prior Environmental Clearance provided that there is no increase in pollution load (derived on the basis of such Prior Environmental Clearance)

In compliance of the provisions of the notification no. S.O. 980(E) 2nd March, 2021, the applicant has submitted the the following documents

1. "No Increase In Pollution Load" certificate from the Environmental Auditor or reputed institutions empanelled by the State Pollution Control Board or Pollution Control Committee or Central Pollution Control Board or Ministry of Environment, Forest and Climate Change
2. Last Consent to Operate certificate for the project or activity.
3. Online system generated acknowledgement of uploading of intimation and "No Increase In Pollution Load" certificate on PARIVESH Portal
4. Scan Copy of form only submitted for "No Increase In Pollution Load" certificate on PARIVESH Portal

After the examination of the documents submitted by the applicant "No Increase in Pollution Load Certificate" is hereby issued with the following observation and conditions with the approval of competent authority

Obervation and Conditions

I. The Project under consideration is for change in raw material mix from molasses to molasses and grain in existing distillery unit of capacity-200 KLD.

II. Unit shall use molasses 631 MT/day and grain 270 MT/day for the proposed modification as against 855 MT/day molasses at present.

III. The production capacity of distillery will increase from 200 KLD to 260 KLG with change in raw material mix of molasses and grain in place of Molasses.

IV. No additional fresh water shall be used due to proposed modification in proposed plant.

V. Pollutant load like BOD, COD, TDS and TSS in effluent will not be changed due to proposed modification.

VI. Total generation of fly ash shall be reduced to 129.02 MT/day after the proposed modification as against 154.17 MT/ day at present.

VII. The total fuel requirement in terms of equivalent coal will be reduced from 564.15 MT/ day to 509.25 MT/ day after proposed modification.

VIII. High pressure steam from boiler will be used in co-generation as being used at preset.

IX. There shall not be any incremental rise with respect to air pollution. The particulate emission level from the boiler chimney shall always be kept below 150mg/Nm³ and Air Pollution load shall not be increase after proposed modification.

X. The Slop consumption shall be reduced from 487 TPD to 365 TPD.

XI. After the proposed modification, total PM Load shall be reduced to 129.69 MT/day against 155.17 MT/day at present.

XII. Unit shall maintain already Zero Liquid Discharge condition.

Hence, in view of the above facts, the UPPCB is of the view that the proposed modification in project of Ethanol / Rectified Spirit / ENA by M/s India Glycols Limited at E-1, Sector - 15, GIDA, Gorakhpur, Uttar Pradesh shall result in "No Increase in Pollution Load", hence the project is recommended subject to the condition that the project is implemented strictly in accordance with the Technical details submitted by the proponent before the Board. The Project Proponent shall ensure strict compliance of the following conditions:

1. The unit shall not allow any additional fresh water requirement for proposed expansion.
2. The unit shall achieve Zero Liquid Discharge for proposed expansion.
3. The unit shall carry out validation within 60 days through reputed institute such as VSI, Pune/NSI, Kanpur/NEERI, Nagpur/IITs etc.
4. The unit shall submit monthly data of following to UPPCB:
 - a. Fresh water consumption
 - b. Production
 - c. Raw Material consumption
 - d. Spent wash generation
 - e. Slope generation
 - f. Condensate generation
 - g. Feed quantity of slope into incinerator
 - h. Yeast sludge generation and disposal
 - i. Boiler ash generation and disposal
 - j. Quantity of granule generation and sold
 - k. Quantity of Spent lees generation, recycle/reuse and Treatment in CPU
 - l. Quantity of effluent received into CPU, details of reuse/recycle etc.
 - m. Steam generation, fuel consumption.
 - n. CO₂ production and sold.

5. The unit shall restrict the spent wash storage capacity to 07 days only.
6. The unit shall utilize DDGS as cattle feed.
7. The unit shall ensure to obtain consent (Water and Air) under the provision of Water (Prevention and control of Pollution) Act, 1974 and Air (Prevention and control of Pollution) Act, 1981 for the same.
8. The all conditions of earlier environmental clearance issued by MOEF & CC for 200 KLD production with remain same.
9. Pollutant load like BOD, COD, TDS and TSS in effluent shall not be changed due to proposed modification.
10. Total generation of fly ash shall be reduced to 129.02 MT/day after the proposed modification as against 154.17 MT/ day at present.
11. The total fuel requirement in terms of equivalent coal shall be reduced from 564.15 MT/ day to 509.25 MT/ day after proposed modification.
12. There shall not be any incremental rise with respect to air pollution. The particulate emission level from the boiler chimney shall always be kept below 150mg/Nm³ and Air Pollution load shall not be increase after proposed modification.
13. The Slop consumption shall be reduced from 487 TPD to 365 TPD.
14. After the proposed modification, total PM Load shall be reduced to 129.69 MT/day against 155.17 MT/day at present.

In view of the conclusion and remarks made by the Board, the unit is hereby directed to apply a fresh for obtaining Consent to Operate under the provisions of Water (Prevention and Control of Pollution) Act, 1974 as amended and Air (Prevention and Control of Pollution) Act, 1981 as amended for the proposed modification like change in raw material from Molasses to grain and molasses in the distillery unit and restrict production between 200 and 260 KLD as per the quantity of Raw Material Mix.

RAKESH

KUMAR TYAGI
Chief Environmental Officer

Chief Environmental Officer, Circle-6

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Regional Officer, U.P. Pollution Control Board, Gorakhpur for information and necessary action.

RAKESH

KUMAR TYAGI
Chief Environmental Officer

Chief Environmental Officer, Circle-6

Answer 11



Uttar Pradesh Pollution Control Board

Building. No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010

Phone:0522-2720828,2720831, Fax:0522-2720764, Email: info@uppcb.in, Website: www.uppcb.com

195969/UPPCB/Gorakhpur(UPPCBRO)/CTO/both/GORAKHPUR/2023

Date: 20/12/2023

To,

M/s

INDIA GLYCOLS LIMITED E 1 SECTOR 15 GIDA

India Glycols Limited E-1, Sector - 15, GIDA, Gorakhpur - 273209 (U.P),GORAKHPUR,273209

Application Id- 23397308

Consolidated Consent to Operate and Authorisation hereinafter referred to as the CCA (Consolidated Consent & authorization) (Fresh) under Section-25 of the Water (Prevention & Control of Pollution) Act, 1974 and under Section-21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule-6(2) of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 notified under Environment (Protection) Act, 1986 as applicable (to be referred hereinafter as Water Act, Air Act and HW Rules respectively).

CCA is hereby granted to **INDIA GLYCOLS LIMITED E 1 SECTOR 15 GIDA** located at **India Glycols Limited E-1, Sector - 15, GIDA, Gorakhpur - 273209 (U.P),GORAKHPUR,273209**. subject to the provisions of the **Water Act, Air Act and Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016** and the orders that may be made further and subject to following terms and conditions :-

1. This CCA **INDIA GLYCOLS LIMITED E 1 SECTOR 15 GIDA** granted for the period from **01/01/2024 to 31/12/2028** and valid for manufacturing of following products.

S No	Product	Quantity	Unit
1	AA/ENA/RS	260	Kilo Liters/Day

2. **Conditions under Water(Prevention and Control of Pollution) Act -1974 as amended :-**

(i) The daily quantity of effluent discharge (KLD) :-

Kind of Effluent	Quantity(KLD)	Treatment facility	Discharge point
Domestic	10 KLD	STP	
Industrial	ZLD (Zero Liquid Discharge)	ETP	

(ii) **Trade Effluent Treatment and Disposal :-**The applicant shall operate Effluent Treatment Plant consisting of primary/secondary and tertiary treatment as is required with reference to influent quantity and quality.

In case of stoppage of functioning of ETP, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately.

(iii) The treated effluent shall be recycled to the maximum extent and should be reused within the premises for gardening etc. Quality of the treated effluent shall meet to the following general and specific standards as prescribed under Environment (Protection) Rules, 1986 and applicable to the unit from time-to-time :-

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Industrial Effluent Quality Standard

S.No.	Parameter	Standard
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(iv) Sewage Treatment and Disposal :- The applicant shall provide comprehensive STP as is required with reference to influent quantity and quality. In case of stoppage of functioning of STP, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately.

(v) The treated sewage shall be reused in gardening as far as possible. The STP shall be maintained continuously so as to achieve the quality of the treated sewage to the following standards.

S No.	Parameters	Standards
1	pH	As per E(P)A Rules, 1986
2	TSS (mg/L)	As per E(P)A Rules, 1986
3	Fecal Coliform (MPN/100ml)	As per E(P)A Rules, 1986
4	BOD (mg/L)	As per E(P)A Rules, 1986

3. Conditions under Air (Prevention and Control of Pollution) Act -1981 as amended :-

i) The applicant shall use following fuel and install a comprehensive control system consisting of control equipment as required with reference to generation of emissions and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards.

Air Pollution Source Details

S No.	Air Pollution Source	Type of fuel	Stack no	Control Device	Height of Stack
1	45 TPH Boiler	40 MTD-coal, 110 MTD-rice husk, 190 MTD-slop	1	Particulate Matter	As per E(P)A Rules, 1986
2	55 TPH Boiler	18 TPH slop, 6.23 TPH rice husk or 18 TPH slop, 05 TPH-Indian Coal or 18 TPH slop, 3.78 TPH imported coal	2	Particulate Matter	As per E(P)A Rules, 1986
3	1050 KVA DG Set	Diesel Oil	3	Sulphur Dioxide	As per E(P)A Rules, 1986

Emission Quality Standards

S No.	Stack no	Parameters	Standards
1	3	Sulphur Dioxide	As per E(P)A Rules, 1986

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2	1	Particulate Matter	As per E(P)A Rules, 1986
3	2	Particulate Matter	As per E(P)A Rules, 1986

In case of stoppage of functioning of air pollution control equipment, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately

(ii) The unit will not use any type of restricted fuel.

iii) Noise from the D.G. Set and other source(s) should be controlled by providing an acoustic enclosure as is required for meeting the ambient noise standards for night and day time as prescribed for respective areas/zones (Industrial, Commercial, Residential, Silence) which are as follows :-

Day time : from 6.00 a.m. to 10.00 p.m., Night time: from 10.00 p.m. to 6.00 a.m.

Standards for Noise level in db(A) Leq	Industrial Area		Commercial Area		Residential Area		Silence Zone	
	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time
	75	70	65	55	55	45	50	40

4. Conditions under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 :-

The Factory Manager of M/s INDIA GLYCOLS LIMITED E 1 SECTOR 15 GIDA. is hereby granted an authorization to operate a facility for collection and storage of Hazardous wastes. The authorization is granted to operate a facility for generation, collection and storage of hazardous wastes within factory premises for following category of wastes:-

S.No.	Category of Hazardous Waste as per the Schedules I, II and III of these rules	Authorised mode of disposal or recycling or utilisation or co-processing, etc.	Quantity(ton/annum)
1	Cat. 5.1 (Used/Spent Oil)	Authorized Recycler	01 KL/Annum

The authorization shall be in force and shall be valid upto 31/12/2028. The authorization is subject to the conditions stated below and such conditions as may be specified in the rules for the time being in force under Environment (Protection) Act, 1986.

Terms and conditions of Hazardous Waste authorization :-

- The authorization shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
- The authorization and its renewal shall be produced for inspection at the request of an officer authorized by the SPCB.
- The person authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous wastes without obtaining prior permission of the SPCB.
- Any unauthorized changes in personnel, equipment as working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorization.
- It is the duty of the authorized person to take prior permission of the SPCB to close down the facility.
- An application for the renewal of an authorization shall be made as laid down under these rules.
- The unit shall comply with any other conditions specified in the guidelines issued by the MoEF or CPCB/SPCB from time to time.
- The authorization is valid for temporary storage of Hazardous Waste within premises only.

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(ix) The authorized agency shall ensure that on-line data with regard to quantity and nature of hazardous chemicals being used in the plant as well as air emission and waste generated within premises is displayed on Display Board of size 6x4 feet outside the main factory gate within premises

(x) It is duty of the authorized person to take prior permission of this Board to close and cleanup the facility for treatment, storage and disposal of hazardous waste.

(xi) The applicant shall maintain record of hazardous waste in Form-3 and shall submit annual return in Form-4 on or before the 30th day of June following to the financial year to which that return relates.

(xii) In no case any hazardous waste shall be disposed off on land, in any drain, or into any water stream. All spillage must also be safely collected and stored.

(xiii) Before the hazardous waste is stored or dumped in the facility, applicant must conduct a detailed physical and chemical analysis of hazardous waste sample and report to the Board.

(xiv) Dried hazardous sludge from the process in the plant shall be stored in double lined HDPE pit constructed with R.C.C. or such material which does not react with the waste contained in it.

(xv) The storage area should be fenced properly and Sign/Notice Board indicating 'Danger' and 'Hazardous' shall be displayed at appropriate position both in Hindi and English.

(xvi) The industry shall store non-ferrous metal waste, used oil/spent oil waste in sealed drums placed on impervious floor under covered shed. Hazardous waste if required shall be sold only to Registered Recyclers/Re-processors.

(xvii) In case of any transportation of hazardous waste, the details in Form-10 of the Hazardous and Other Wastes Rules, 2016 shall be submitted to the Board.

5. Essential documents to be submitted by the Industry/Unit as Applicable:-

(i) Annual return in Form-4 and Waste Disposal Manifest in Form-10 under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and Third Party Audit Report.

(ii) Environment Statement in Form-V of Environment (Protection) Rules, 1986.

(iii) Quarterly compliance report of the CCA, photograph of ETP/APCs/Waste Storage Area.

6. Competent Authority reserves the right to change/modify/add any time any condition of this CCA.

7. Unit has to comply with the following specific & general conditions. Non compliance of any provision of this CCA and provisions of the Water Act, Air Act and Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 will results in legal action under the aforesaid Acts and Rules.

8. In compliance to the G.O 1011/81-7-2021-09 (Writ)/2016 dated.13.10.2021 issued by Department of Environment, Forest and Climate Change, Uttar Pradesh. You are directed to develop Miyawaki Forest as per the SOP available at URL:-<http://www.upecp.in/TrainingSession.aspx> for ensuring timely compliance of this direction, you are hereby directed to submit a bank guarantee with minimum validity of one year of the amount equivalent to the sum of initial consent fees (Air and Water) or Rs. 50,000/- (Rs. Fifty Thousand Only) whichever is more, within 30 days from the date of issuance of this certificate. In case of non-compliance of this direction, your consent will be revoked by the Board.

9. If the unit uses the ground water and requires the permission from SGWA/CGWA for water abstraction then the industry will have to obtain No objection certificate for abstraction of ground water. It will be the responsibility of the industry to comply with the various conditions of the NOC obtained from the competent authority and submit to the Board, within 3 months time failing which CTO will be revoked.

General Conditions:-

1. The applicant shall get analysed the samples of effluent/emission/hazardous wastes at least once in a three month from the laboratory recognized by the MoEF and shall report to the UPPCB.

2. The applicant shall however, not without the prior consent of the Board bring into use any new or altered outlet for the discharge of effluent or gases emission or sewage waste from the unit.

3. Treated Industrial waste water and domestic waste water shall be disposed jointly at one disposal point. The applicant shall provide discharge measurement equipment at final disposal point.

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4. The applicant shall strictly comply with conditions of this CCA and submit compliance report of stipulated conditions within 30 days of receipt of this CCA. If at any point of time, it is found that the industry is not complying with stipulated conditions or any further direction/instruction issued by the Board, legal action shall be initiated against the applicant.

5. The applicant shall maintain good house keeping. All valves/pipes/sewer/drains etc. must be leak-proof

6. The industry shall provide uninterrupted entry to the STP/ETP inlet and outlet points, Air Pollution Control equipment and stack for smooth sampling/monitoring of efficiency of pollution control systems.

7. The industry shall provide Inspection Book at the time of inspection to the Board's officials.

8. Whenever due to any accident or other unforeseen act or event, such emission occurs or is apprehended to occur in excess of standards laid down, such information shall be reported to the Board's offices and all other concerned offices. In case of failure of pollution control equipment, the production process connected to it shall be stopped with immediate effect.

9. The industry shall operate in a manner so that all emissions be emitted through designated chimney/stack only.

10. In case of any damage to the agriculture productivity, human habitation etc. by the operation of industry, it shall be imperative to stop production in the industry with immediate effect and such information shall be reported to Board's offices. The industry shall be liable to pay compensation also in such cases as decided by the Competent Authority.

11. The applicant shall apply before the 60 days of expiry of CCA or any change in production types/ production capacity/manufacturing process/capacity enhancement etc. or any change in effluent discharge point or emission point

12. The Board reserves the right to revoke/add/modify any stipulated condition issued along with CCA, as may be necessary.

Specific Conditions:-

1. This consent is valid for production of Absolute Alcohol / Extra Neutral Alcohol / Rectified Spirit 200 KLD while using molasses as raw material or 260 KLD while using molasses & grains as main raw material, 12 Megawatt / hour Electricity by Turbo Generator and DDGS- 40 MTD as a by product by M/s INDIA GLYCOLS LIMITED, E 1, SECTOR-15, GIDA, GORAKHPUR (Uttar Pradesh).

2. Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharge outside the premises (applicable in case of the projects achieving the ZLD).

3. Industry shall operate and maintain the MEE systems to ensure Zero Liquid Discharge, failing which, this consent shall be treated as revoked.

4. The separated water from solid separation system such as condensate from evaporation concentration system such as MEE shall be reutilized in the process. If required, separated water and condensate may be treated before reutilization.

5. Industry shall operate and maintain measuring devices (water/flow meters) at required location (raw water consumption, solid separation system: feed, permeate and reject, evaporation concentration systems: feed concentrate and condensate, water reused in the process & concentrate utilized in drying system/equivalent technology) to record the water balance shortly without delay.

6. Maximum 07 days Spent Wash shall be stored in the Lagoon and ensured to send monthly reports regarding spent wash storage and details of water level in each lagoon constructed in industry.

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7. The other effluent streams apart from spent wash including spent lees, plant washings, leakages, boiler blow down, etc. shall be used in process.

8. Industry shall operate and maintain the effluent treatment system effectively and regularly. All the effluent treatment system shall be kept in good running condition all the time and failure (if any), shall be immediately rectified without delay otherwise, similar alternate arrangement shall be made. In the event of any failure of any pollution control system adopted by the industry, the respective production unit shall not be restarted until the control measures are rectified to achieve the desired efficiency. Industry shall not discharge any treated / untreated effluent in to the river or any surface water bodies. No effluent shall be discharged outside of the factory premises in any circumstances; hence zero discharge condition shall be maintained at all the time.

9. Industry shall make proper arrangement for safe and scientific handling, storage, transportation and disposal of all solid wastes, sludge etc. generated.

10. The industry shall operate throughout the year (365 days).

11. Pollutant load like BOD, COD, TDS, and TSS in effluent and PM, NO₂ and SO₂ in stack emission shall not be changed/increased during B Heavy Molasses based operation.

12. Industry shall provide adequate arrangement for control of odour nuisance. All internal roads shall be made pucca. Industry shall maintain good housekeeping within factory premises, around effluent treatment facilities etc.

13. Industry must strictly comply all the directions issued by UPPCB, CPCB and Hon'ble NGT from time to time.

14. The industry shall install roof top rain water harvesting system and Piezometer in the factory premises.

15. The industry shall always connect the CCTV Camera with the server of CPCB and control room of UPPCB.

16. Industry shall submit Environment Statement to this Board as per provision of Environment (Protection) amendment Rule, 1993 for the previous year ending 31st March on or before 30th September every year.

17. Incase industry fails to comply with the directions issued by Board in a stipulated time schedule and/or fails to comply with any of the conditions stipulated in the consent / renewal, the consent to operate (CTO) / renewal of consent issued by Uttar Pradesh Pollution Control Board, Lucknow shall stand automatically withdrawn and manufacturing operations shall be close down without further notice.

18. Construct 0.3 mtr free Board in each lagoon used for storing spent wash to prevent overflow.

19. Audited Balance Sheet/ C.A. Certificate should be submitted within one month from the date of issue of this Certificate for verification of Consent fee payable.

20. Percentages of solid concentration after MEE shall be analysed by NABL accredited lab and report will submitted within a month.

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21. The unit shall operate and maintain the Air Pollution Control Systems efficiently and continuously so as to satisfy the prescribed emission standards.
22. The unit shall adhere to the ambient Air quality prescribed standards at all the times.
23. The industry shall develop green belt as per the protocol attached with Board's office order dated 16.02.2018 which is available on Board's Website.
24. The industry shall to submit stack emission monitoring report every quarter from NABL accredited laboratory.
25. Industry shall strictly comply with conditions mentioned in the charter prepared by CPCB.
26. The Industry shall install on line emission continuous monitoring system and shall ensure regular transmission of data of Continuous Online Emission Monitoring System for to the servers of CPCB and UPPCB. Industry shall submit regular stack monitoring report every month.
27. Ash generated during production process must be disposed off in scientific manner as per guidelines of CPCB/MOEF. It is also mandatory that disposed ash will never affect the Health and Environment of nearby areas an residents.
28. The industry shall use at least 20% of total fuel as bio briquettes in boiler, as per availability.
29. The orders passed by Hon'ble National Green Tribunal in OA no. 432/2023 Radhey Shyam Sehara V/s State of UP shall prevail on this CTO.
30. The wastes must be safely collected in leak proof containers and shall be duly marked in a manner suitable for handling, storage and transport and the packaging shall be easily visible and be able to withstand physical conditions and climatic factors. All hazardous waste containers / bags shall be provided with a general label. The storage area should be at an isolated spot in the premises and must be fenced, covered and duly marked.
31. The authorized person/agency shall ensure that no adverse impact on the air, soil and water including groundwater takes place due to activities for which authorization has been requested. Comprehensive safety measures must be followed in handling of wastes and the staff must be properly trained.
32. It is brought to your notice that as per the order dated 14-11-2003 passed by the Hon'ble Supreme Court in W.P. (c) No. 657 of 1995, no industry covered under Hazardous and other Wastes (Management and Tran boundary Movement) Rules, 2016 shall be allowed to operate without valid authorization. It is also provided in the same orders that industries which are not complying with the conditions of authorization shall not be allowed to operate. Hence in case you fail to apply for authorization, before its expiry or fail to comply with conditions of the earlier authorization issued to you, closure order shall be issued against your industry without any further notice.
33. The applicant must file returns on prescribed Form- 4 along with a compliance report of this letter and should also maintain records on Form 3 and present it to Board's inspecting officials.
34. In case of occurrence of an accident, complete details on form must be sent to U.P. Pollution Control Board at the earliest along with details of mitigative and remedial measures taken.

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35. The authorized person/agency shall not receive, collect, or store any hazardous waste from any unauthorized occupier or generator of hazardous wastes. In case any hazardous wastes is sold to any other reprocessing unit it must be ensured that such unit is fully complying with environmental requirements and has a valid authorization of the Board.

36. In no case any hazardous wastes shall be disposed off on land, in any drain or stream. All spillages of hazardous chemicals, used containers, of hazardous chemicals such as flammable corrosive, explosive and toxic nature must be safely collected and stored. Non-compatible wastes must be suitably and safely handled.

37. It is within the powers and functions of the U.P. Pollution Control Board to modify / revoke the terms and conditions of the authorization/Registration issued under the Rule – 7 of Hazardous and Other Wastes (Management and Tran boundary Movement) Rules, 2016.

38. You are directed to display on-line data/display board outside the main factory gate with regard to quantity and nature of hazardous chemicals being handled in the plant, including waste water and air emission and solid hazardous waste generated within the factory premises. Necessary compliance should be sent within 15 days of receipt of this letter.

39. It is the mandatory duty of the authorized person/agency to comply with the guidelines for transportation of hazardous waste in accordance with rule 18 of Hazardous and Other Waste (Management and Tran boundary Movement) Rules, 2016.

40. It should be ensured that hazardous wastes shall be properly collected and packed in HDPE bags and then temporarily stored in a lined RCC tank/pit with suitable shed.

41. Used oil shall be sold only to recyclers registered with U.P. Pollution Control Board. The record shall be maintained.

42. The occupier, transporter and operator of a facility shall be liable for damages caused to the environment resulting due to improper handling and disposal of hazardous waste listed in schedule 1,2, and 3 and shall be liable to pay a fine as levied by the State Pollution Control Board under the rules.

43. Details of raw material (which is Hazardous waste) and product along with quantity shall be sent within a month.

44. Copies of Hazardous Waste Manifest in Form-10 shall be sent regularly to UPPCB for each category of waste sent to TSD/Incinerator.

45. The authorized actual user of hazardous and other wastes shall maintain records of hazardous and other wastes purchased in a passbook issued by the State Pollution Control Board along with the authorization.

46. The industry shall submit copy of logbook of mixing the hazardous waste with bagasse and incinerated in boilers within 15 days.

47. The industry shall submit the colored photo graph of display board within 15 days.

48. The industry shall submit the form-10 within 15 days for disposal of hazardous waste.

49. If closure order is issued by CPCB or UPPCB against any defaulting unit, then CTO issued earlier will suspended during the pendency of the closure period and after ensuring the compliance and after revocation of closure order, the CTO will be deemed to be restore subject to the effective date of revocation of the closure order, with imposed conditions thereof.

50. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this CTO, Authorization and attract action under the provisions of Law.

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Chief Environmental Officer, Circle-6

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Date: 2024.01.03

Regional Officer, U.P. Pollution Control Board, Gorakhpur for information and necessary action

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Chief Environmental Officer, Circle-6



मिशन LIFE - पर्यावरण के लिए जीवन शैली
(Lifestyle For Environment)
जनसहभागिता का सन्देश



- स्वच्छता - देशनेवा में अपने परिवेश की स्वच्छता हेतु अपना सक्रिय योगदान सुनिश्चित करें
- संकल्प लें - एकल उपयोग प्लास्टिक उत्पाद जैसे कप, तश्तरी, चम्मच, स्ट्रॉ, ईयरबड्स आदि का उपयोग न हो एवं पर्यावरण अनुकूल विकल्पों जैसे कागज/पत्तों से बने दोने या कटलरी को प्राथमिकता दी जाय |
- एकल उपयोग प्लास्टिक उत्पाद के प्रयोग को रोकने एवं प्लास्टिक बैग के बजाय कपड़े के थैले का उपयोग करने मात्र से 375 मिलियन टन ठोस (प्लास्टिक) कचरे का उत्सर्जन बचाया जा सकता है
- चक्रीय अर्थव्यवस्था (सर्कुलर इकोनॉमी) का समुचित कार्यान्वयन वर्ष 2030 तक लगभग 14 लाख करोड़ रुपये की अनिश्चित बचत उत्पन्न कर सकता है | वेस्ट/अपशिष्ट फेंकने के पूर्व सोचें, ये किसी का संसाधन तो नहीं ...?
- अनुपयोगी इलेक्ट्रिक / इलेक्ट्रॉनिक उत्पाद को कचरे में फेंकने से रुकें | इसके उपयुक्त निस्तारण हेतु इसे प्राधिकृत ई - वेस्ट रीसाइकलर को दें | प्राधिकृत ई-रीसाइकलिंग इकाई में अनुपयोगी इलेक्ट्रिक / इलेक्ट्रॉनिक उत्पाद को देने मात्र से 0.75 मिलियन टन तक ई-कचरे का पुनर्वर्णन किया जा सकता है एवं ई-कचरे के विषम पर्यावरणीय दुष्प्रभाव से बचा जा सकता है
- बाहर जाते समय - सोचें कि क्या आपको वास्तव में परिवहन की आवश्यकता है - वह भी क्या व्यक्तिगत रूप से ? छोटी दूरी के लिए पैदल चलना पसंद करें, अथवा सम्भव हो तो कार पूल के रूप में संसाधन को साझा करें अथवा सार्वजनिक परिवहन पर विचार करें
- घरेलू स्तर पर कम से कम ठोस अपशिष्ट का उत्सर्जन करें और इनका प्रभावीकरण करें
- उपयोगी शेष खाद्य सामग्री आपके स्वयं प्रयास अथवा निकटस्थ सक्रिय स्वयं सेवी संस्थाओं की सहायता से समाज के वंचित वर्ग तक पहुंचाई जा सकती है | वहीं अनुपयोगी भोजन/खाद्य सामग्री को कंपोस्ट (वर्मी कम्पोस्ट) करने से 15 अरब टन भोजन को नष्ट होने से बचाया जा सकता है
- ध्यान रखें - उपयुक्त नल और शावर के उपयोग से पानी की खपत को 30 - 40% तक कम किया जा सकता है। एवं उपयोग में न होने पर नलों को बंद रखने मात्र से 9 ट्रिलियन लीटर पानी बचाया जा सकता है
- ट्रैफिक लाइट/रेलवे क्रॉसिंग पर कार/स्कूटर के इंजन बंद करने मात्र से 22.5 बिलियन kWh तक ऊर्जा की बचत हो सकती है
- परम्परागत बल्ब के स्थान पर CFL का उपयोग बिजली की खपत में प्रभावी कमी लाते हैं | उपयोग में न होने पर बिजली उपकरणों को बंद करें | स्टार रेटेड विद्युत उपकरणों के उपयोग को प्राथमिकता दें

हमारे द्वारा अपनी जीवन शैली की प्राथमिकताओं का उचित और पर्यावरण अनुकूल पुनर्निर्धारण समाज और पर्यावरण के प्रति हमारा दायित्व है।

Annexure R-12

PAN : AAACI7246P
 GSTIN : 09AAACI7246P1Z2
 CIN of the Company
 I.24111UR1983PLC009097



ISO 9001 : 2008
 ISO 22000 : 2005



INDIA GLYCOLS LIMITED

E-1, Sector-15 GIDA, GORAKHPUR-273209 Phone : 0551-2580351,53,54,55,56, Fax:0551-2580352

We have already informed that the distillery not in operation also during Sept. 2022 due to shortage of raw materials. As soon as will resume the operation further communicated accordingly.

As per condition of CTO; monthly record of **January, 2023 is as Annexure – 2.**

We would like to emphasize that M/s India Glycols Ltd is an environmental conscious organization and always care for environment preservation, keen to adopt / implement guidelines / directions for improvement of environment.

With best regards

Yours faithfully

M/s India Glycols Ltd

Shailendra K Pandey

Distillery – Head

Email- Shailendra.K.Pandey@indiaglycols.com

Enclosure – as above

CC:

- Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi – 110032
- UPPCB Regional Officer, Gorakhpur

REGISTERED OFFICE : A-1, Industrial Area, Bazpur Road, Kashipur - 244 713, Distt. - Udham Singh Nagar (Uttarakhand)
 Phone : +91 5947 269000 / 275320, +91 9411108202, Fax : 05947-275315, 275192

HEAD OFFICE : Plot No. 2-B, Sector-126, NOIDA - 201 304, Dist. Gautam Budh Nagar (U.P.), Tel. : 0120-3090100, 3090200.
 Fax : 0120-3090111, 3090211. E-mail : iglho@indiaglycols.com, URL : www.indiaglycols.com



Contact : +91 - 9810243870

EKO PRO ENGINEERS PVT. LTD.Environmental Consultants and Analytical Laboratory
(An ISO 9001:2015 Certified Company)Office & Laboratory : 32/41, South Side of G. T Road, UPSIDC Industrial Area, Ghaziabad - 201 009 (Delhi-NCR) INDIA.
Contact No : 9711159210, 9810240837, 9810240673 E-mail : email@ekopro.in, ekoproengineers@gmail.com, website : www.ekopro.in**TEST REPORT****Effluent Sample Analysis**

Test Report No. : EKO/501/060123

Issue Date : 10/01/2023

Issued To

: INDIA GLYCOLS LIMITED
E-1, Sector - 15, GIDA
Gorakhpur (U.P.)

Sample Description

: Surface Water

Sample Drawn on

: 05/01/2023

Sample Drawn by

: EPEPL (Mr. Rajeev Sharma)

Sample Received on

: 06/01/2023

Sampling Location

: 500 Meter u/s Before confluence with Sariya Nala,
Near Village- Bharsarh, in Aami River

Sampling Plan & Procedure

: SOP-W/86

Sample Quantity

: 1.0 Litre

Environmental Condition

: Normal

Analysis Duration

: 06/01/2023 To 10/01/2023

Remark (if any)

: NA

RESULTS

S. No.	Parameters	Test Method	Results	Units
1	pH	IS: 3025 (P-11)	7.14	-
2	Colour	IS: 3025 (P-4)	40.0	Hazen
3	Total Dissolved Solids	IS: 3025 (P-16)	338.0	mg/L
4	Total Suspended Solids	IS: 3025 (P-17)	29.0	mg/L
5	COD (as O ₂)	IS: 3025 (P-58)	18.9	mg/L
6	Dissolved Oxygen (DO)	IS:3025 (P-38)	4.5	mg/L
7	BOD (@27°C for 3 days)	IS: 3025 (P-44)	3.6	mg/L

Notes :

- The results given above are related to the tested sample, as received & mentioned parameters.
The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- The test samples will be disposed off after 15 days from the date of issue of test report, unless until specified by the customer. Sample received for biological tests will be destroyed after 7 days from the date of issue of test report.
- Responsibility of the Laboratory is limited to the invoiced amount only.

****End of Report****

For EKO PRO ENGINEERS PVT. LTD.

PURNIMA DHAN
TECHNICAL MANAGER
(Authorized Signatory)



Contact : +91 - 9810243870

EKO PRO ENGINEERS PVT. LTD.Environmental Consultants and Analytical Laboratory
(An ISO 9001:2015 Certified Company)Office & Laboratory : 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghazabad - 201 009 (Delhi-NCR) INDIA.
Contact No.: 9711159210, 9810240837, 9810240678 E-mail : email@ekopro.in, ekoproengineers@gmail.com, website : www.ekopro.in**TEST REPORT****Effluent Sample Analysis**

Test Report No. : EKO/502/060123

Issue Date : 10/01/2023

Issued To

: INDIA GLYCOLS LIMITED
E-1, Sector - 15, GIDA
Gorakhpur (U.P.)

Sample Description

: Surface Water

Sample Drawn on

: 05/01/2023

Sample Drawn by

: EPEPL (Mr. Rajeev Sharma)

Sample Received on

: 06/01/2023

Sampling Location

: 500 Meter d/s after confluence with Sariya Nala,
Near Chhatai Road Bridge in Aami River

Sampling Plan & Procedure

: SOP-W/66

Sample Quantity

: 1.0 Litre

Environmental Condition

: Normal

Analysis Duration

: 06/01/2023 To 10/01/2023

Remark (if any)

: NA

RESULTS

S. No.	Parameters	Test Method	Results	Units
1	pH	IS: 3025 (P-11)	7.21	-
2	Colour	IS: 3025 (P-4)	50.0	Hazen
3	Total Dissolved Solids	IS: 3025 (P-16)	345.0	mg/L
4	Total Suspended Solids	IS: 3025 (P-17)	33.0	mg/L
5	COD (as O ₂)	IS: 3025 (P-58)	23.6	mg/L
6	Dissolved Oxygen (DO)	IS:3025 (P-38)	4.6	mg/L
7	BOD (@27°C for 3 days)	IS: 3025 (P-44)	3.9	mg/L

Notes :

- The results given above are related to the tested sample, as received & mentioned parameters.
The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- The test samples will be disposed off after 15 days from the date of issue of test report, unless until specified by the customer. Sample received for biological tests will be destroyed after 7 days from the date of issue of test report.
- Responsibility of the Laboratory is limited to the invoiced amount only.

****End of Report****

For EKO PRO ENGINEERS PVT. LTD.

PURNIMA QAUHAN
TECHNICAL MANAGER

(Authorized Signatory)

Annexure - 2Details for Month of January-2023

(a) Fresh Water Consumption	: 43533.1 M ³
(b) Production	: 7453959.4 B.L (5086738.8 + 2367220.6) (Molasses+ Grain)
(c) Raw Material Consumption	: 217918.0 quintal
(d) Spent Wash Generation	: 21736950 m ³
(e) Slope Generation	: 12180 m ³
(f) Condensate Generation	: 24770 m ³
(g) Feed Qty. of slope into incinerator	: 12180 m ³
(h) Yeast sludge generation and disposal	
(i) Boiler ash generation and disposal	
(j) Quantity of granule generation and sold	:
(k) Quantity of spend lees generation, recycle / reuse and treatment in CPU	: 10677 m ³
(l) Quantity of effluent received into CPU, detail of reuse/recycle etc.:	Received - 35447/ Treated- 35401 m3 (Recycle)
(m) Steam generation, fuel consumption	: Kg.
(n) CO2 production and sold	:

PAN : AAACI7246P
 GSTIN : 09AAACI7246P1ZZ
 CIN of the Company
 L24111UR1983PLC009097



ISO 9001 : 2008
 ISO 22000 : 2005



INDIA GLYCOLS LIMITED

E-1, Sector-15 GIDA, GORAKHPUR-273209 Phone : 0551-2580351,53,54,55,56, Fax:0551-2580352

Ref. NO 23/IGL/GKP/2022-23

March 10th 2023

To

The Chief Environmental Officer (Circle – VI)
 Uttar Pradesh Pollution Control Board
 TC – 12 V. VIBHUTI KHAND, GOMTI Nagar
 LUCKNOW – 226010
 Uttar Pradesh

Reference Water Consent Order Ref No – 146262 / UPPCB / Gorakhpur
 (UPPCBRO) / CTO / Water / Gorakhpur / 2021 dated 03-01-2022 & Air
 Consent Order Ref. No 146249 / UPPCB / GORAKHPUR (UPPCBRO)
 / CTO / AIR / GORAKHPUR / 2021 of dated 03-01-2022.

Subject: Compliance of CTOs Conditions

Dear Sir,

The Water Consent Order Ref No. – 146262 / UPPCB / Gorakhpur (UPPCBRO) / CTO / Water / Gorakhpur / 2021 dated 03-01-2022, it's mandatory condition No – 14 directing us that " Unit shall identify recipient drains / rivulets and their upstream & downstream locations in consultation with UPPCB and shall carry out monthly monitoring of identified recipient drains at upstream & downstream location through recognized lab under Environment (Protection) Act, 1986 and shall submit the analysis report on monthly basis by 10th of every month to CPCB and UPPCB."

We have identified recipient drains upstream & downstream locations in Aarni River with consultation of UPPCB Regional Office Gorakhpur.

REGISTERED OFFICE : A-1, Industrial Area, Bazpur Road, Kashipur - 244 713, Distt. - Udham Singh Nagar (Uttarakhand)
 Phone : +91 5947 269000 / 275320, +91 9411108202, Fax : 05947-275315, 275192
HEAD OFFICE : Plot No. 2-B, Sector-126, NOIDA - 201 304, Dist. Gautam Budh Nagar (U.P.), Tel. : 0120-3090100, 3090200,
 Fax : 0120-3090111, 3090211, E-mail : iglho@indiaglycols.com, URL : www.indiaglycols.com

PAN : AAACI7246P
 GSTIN : 09AAACI7246P1ZZ
 CIN of the Company
 L24111UR1983PLC009097

ISO 9001 : 2008
 ISO 22000 : 2005



INDIA GLYCOLS LIMITED

E-1, Sector-15 GIDA, GORAKHPUR-273209 Phone : 0551-2580351,53,54,55,56, Fax:0551-2580352

Monitoring Report of upstream & downstream locations by approved lab recognized under Environment (Protection) Act 1986 for month of February, 2023 is attached as Annexure – 1.

As per CTO condition: submitting monthly record for February, 2023 attached as Annexure – 2

We would like to emphasize that M/s India Glycols Ltd is an environmental conscious organization and always care for environment preservation keen to adopt / implement guidelines / directions for improvement of environment

With best regards

Yours faithfully

M/s India Glycols Ltd

Shalendra K. Pandey

Distillery Director

India Glycols Ltd
 Email: Shalendra.k.pandey@indiaglycols.com

Sector-15 Gida Gorakhpur

Enclosure – as above

CC

- Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi – 110032
- UPPCB Regional Officer Gorakhpur

REGISTERED OFFICE : A-1, Industrial Area, Bazpur Road, Kashipur - 244 713, Distt. - Udham Singh Nagar (Uttarakhand)
 Phone : +91 5947 269000 / 275320, +91 9411108202, Fax : 05947-275315, 275192

HEAD OFFICE : Plot No. 2-B, Sector-126, NOIDA - 201 304, Dist. Gautam Budh Nagar (U.P.), Tel. : 0120-3090100, 3090200,
 Fax : 0120-3090111, 3090211, E-mail : iglho@indiaglycols.com, URL : www.indiaglycols.com



Contact : +91 : 9810243870

EKO PRO ENGINEERS PVT. LTD.Environmental Consultants and Analytical Laboratory
(An ISO 9001:2015 Certified Company)Office & Laboratory : 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009 (Delhi-NCR) INDIA
Contact No., 9711159210, 9810240837, 9810240678 E-mail: ems1@ekopro.in, ekoproengineers@gmail.com, website : www.ekopro.in**TEST REPORT****Effluent Sample Analysis**

Test Report No. : EKO/E-541/070223

Issue Date : 11/02/2023

Issued To

: INDIA GLYCOLS LIMITED
E-1, Sector - 15, GIDA
Gorakhpur (U.P.)

Sample Description

: Surface Water

Sample Drawn on

: 06/02/2023

Sample Drawn by

: EPEPL (Mr. Amit Kumar)

Sample Received on

: 07/02/2023

Sampling Location

: 500 Meter u/s Before confluence with Sariya Nala,
Near Village- Bharsarth, in Aami River

Sampling Plan & Procedure

: SOP-W/66

Sample Quantity

: 1.0 Litre

Environmental Condition

: Normal

Analysis Duration

: 07/02/2023 To 11/02/2023

Remark (if any)

: NA

RESULTS

S. No.	Parameters	Test Method	Results	Units
1	pH	IS: 3025 (P-11)	7.13	-
2	Colour	IS: 3025 (P-4)	50.0	Hazen
3	Total Dissolved Solids	IS: 3025 (P-16)	332.0	mg/L
4	Total Suspended Solids	IS: 3025 (P-17)	28.0	mg/L
5	COD (as O ₂)	IS: 3025 (P-58)	19.8	mg/L
6	Dissolved Oxygen (DO)	IS:3025 (P-38)	4.4	mg/L
7	BOD (@27°C for 3 days)	IS: 3025 (P-44)	3.4	mg/L

Notes :

- The results given above are related to the tested sample, as received & mentioned parameters.
The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- The test samples will be disposed off after 15 days from the date of issue of test report, unless until specified by the customer. Sample received for biological tests will be destroyed after 7 days from the date of issue of test report.
- Responsibility of the Laboratory is limited to the invoiced amount only.

****End of Report****

For EKO PRO ENGINEERS PVT. LTD.

PURVIMA CHAURHAN
TECHNICAL MANAGER
(Authorised Signatory)



Contact : +91 - 9610249870

EKO PRO ENGINEERS PVT. LTD.
 Environmental Consultants and Analytical Laboratory
 (An ISO 9001:2015 Certified Company)

Office & Laboratory : 3241, South Side of G. T. Road, UPS,DC Industrial Area, Ghaziabad - 201 009 (Delhi-NCR) INDIA.
 Contact No.: 9711159210, 9810240837, 9810240676 E-mail : ekai@ekopro.in, ekaproengineers@gmail.com, website : www.ekopro.in

TEST REPORT**Effluent Sample Analysis**

Test Report No. : EKO/E-542/070223

Issue Date : 11/02/2023

Issued To

: INDIA GLYCOLS LIMITED
 E-1, Sector - 15, GIDA
 Gorakhpur (U.P.)

Sample Description

: Surface Water

Sample Drawn on

: 06/02/2023

Sample Drawn by

: EPEPL (Mr. Amit Kumar)

Sample Received on

: 07/02/2023

Sampling Location

: 500 Meter d/s after confluence with Sariya Nala,
 Near Chhatrai Road Bridge in Aamli River

Sampling Plan & Procedure

: SOP-W/66

Sample Quantity

: 1.0 Litre

Environmental Condition

: Normal

Analysis Duration

: 07/02/2023 To 11/02/2023

Remark (if any)

: NA

RESULTS

S. No.	Parameters	Test Method	Results	Units
1	pH	IS: 3025 (P-11)	7.19	-
2	Colour	IS: 3025 (P-4)	60.0	Hazen
3	Total Dissolved Solids	IS: 3025 (P-16)	348.0	mg/L
4	Total Suspended Solids	IS: 3025 (P-17)	34.0	mg/L
5	COD (as O ₂)	IS: 3025 (P-58)	22.5	mg/L
6	Dissolved Oxygen (DO)	IS:3025 (P-38)	4.5	mg/L
7	BOD (@27°C for 3 days)	IS: 3025 (P-44)	3.8	mg/L

Notes :

- The results given above are related to the tested sample, as received & mentioned parameters.
The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- The test samples will be disposed off after 15 days from the date of issue of test report, unless until specified by the customer. Sample received for biological tests will be destroyed after 7 days from the date of issue of test report.
- Responsibility of the Laboratory is limited to the invoiced amount only.

****End of Report****

For EKO PRO ENGINEERS PVT. LTD.

PURNIMA CHAKRABARTI
 TECHNICAL MANAGER
 (Authorised Signatory)

Details for the Month of Feb-2023

(a) Fresh Water Consumption	:	43955.3 m3
(b) Production	:	6991579.1 B.L (Molasses+ Grain Ethanol)
(c) Raw Material Consumption	:	Molasses- 175643.0 Qtl Grain- 64580.0 Qtls
(d) Spent Wash Generation	:	28309.0 m3
(e) Slope Generation	:	10041.0 m3
(f) Condensate Generation	:	22599.0 m3
(g) Feed Qty. of slope into incinerator	:	10041.0 m3
(h) Yeast sludge generation and disposal		
(i) Boiler ash generation and disposal		
(j) Quantity of granule generation and sold	:	
(k) Quantity of spend lees generation, recycle / reuse and treatment in CPU	:	30589.0 m3
(l) Quantity of effluent received into CPU, detail of reuse/recycle etc. Received	:	30589 m3 / Treated & 30552 m3 (Recycle)
(m) Steam generation, fuel consumption	:	
(n) CO2 production and sold	:	N.A

PAN : AAACI7246P
 GSTIN : 09AAACI7246P1ZZ
 CIN of the Company
 L24111UR1983PLC009097



ISO 9001 : 2008
 ISO 22000 : 2005



INDIA GLYCOLS LIMITED

E-1, Sector-15 GIDA, GORAKHPUR-273209 Phone : 0551-2580351,53,54,55,56, Fax:0551-2580352

Ref. No. 02/IGL/GKP/2023-24

April 6th, 2023

To,

The Chief Environmental Officer (Circle – VI)
 Uttar Pradesh Pollution Control Board
 TC – 12 V, VIBHUTI KHAND, GOMTI Nagar
 LUCKNOW – 226010
 Uttar Pradesh

Reference: Water Consent Order Ref. No. – 146262 / UPPCB / Gorakhpur (UPPCBRO) / CTO / Water / Gorakhpur / 2021 dated 03-01-2022 & Air Consent Order Ref. No. 146249 / UPPCB / GORAKHPUR (UPPCBRO) / CTO / AIR / GORAKHPUR / 2021 of dated 03-01-2022.

Subject: Compliance of CTOs Conditions

Dear Sir,

The Water Consent Order Ref. No. – 146262 / UPPCB / Gorakhpur (UPPCBRO) / CTO / Water / Gorakhpur / 2021 dated 03-01-2022, it's mandatory condition No – 14 directing us that " Unit shall identify recipient drains / rivulets and their upstream & downstream locations in consultation with UPPCB and shall carry out monthly monitoring of identified recipient drains at upstream & downstream location through recognized lab under Environment (Protection) Act, 1986 and shall submit the analysis report on monthly basis by 10th of every month to CPCB and UPPCB."

We have identified recipient drains upstream & downstream locations in Aami River with consultation of UPPCB Regional Office Gorakhpur.

REGISTERED OFFICE

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HEAD OFFICE

Plot No. 2-B, Sector-126, NOIDA - 201 304, Dist. Gautam Budh Nagar (U.P.), Tel. : 0120-3090100, 3090200,
 Fax : 0120-3090111, 3090211, E-mail : iglho@indiaglycols.com, URL : www.indiaglycols.com

PAN : AAACI7246P
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 CIN of the Company
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ISO 9001 : 2008
 ISO 22000 : 2005



INDIA GLYCOLS LIMITED

E-1, Sector-15 GIDA, GORAKHPUR-273209 Phone : 0551-2580351,53,54,55,56, Fax:0551-2580352

Monitoring Report of upstream & downstream locations by approved lab recognized under Environment (Protection) Act, 1986 for month of **March, 2023** is attached as **Annexure – 1** & monthly record of **March, 2023** is as **Annexure – 2** as per CTO Condition.

We would like to emphasize that M/s India Glycols Ltd is an environmental conscious organization and always care for environment preservation, keen to adopt / implement guidelines / directions for improvement of environment.

With best regards

Yours faithfully
 M/s India Glycols Ltd


 Shailendra K Pandey
 Site – Head

Email- Shailendra.K.Pandey@indiaglycols.com

Enclosure – as above

CC:

- Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi – 110032
- UPPCB Regional Officer, Gorakhpur

REGISTERED OFFICE : A-1, Industrial Area, Bazpur Road, Kashipur - 244 713, Distt. - Udham Singh Nagar (Uttarakhand)
 Phone +91 5947 269000 / 275320, +91 9411108202, Fax : 05947-275315, 275192
 HEAD OFFICE : Plot No. 2-B, Sector-126, NOIDA - 201 304, Dist. Gautam Budh Nagar (U.P.), Tel. : 0120-3090100, 3090200,
 Fax : 0120-3090111, 3090211, E-mail : igfho@indiaglycols.com, URL : www.indiaglycols.com



Contact : +91 - 9810243870

EKO PRO ENGINEERS PVT. LTD.

Environmental Consultants and Analytical Laboratory
(An ISO 9001:2015 Certified Company)

Office & Laboratory : 32/41 South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009 (Delhi-NCR) INDIA
Contact No. : 9711159210, 9810240337, 9810240678 E-mail : enah@ekopro.in, ekoproengineers@gmail.com, website : www.ekopro.in

TEST REPORT

Effluent Sample Analysis

Test Report No. : EKO/E-704/070323

Issue Date : 11/03/2023

Issued To

: INDIA GLYCOLS LIMITED
E-1, Sector - 15, GIDA
Gorakhpur (U.P.)

Sample Description

: Surface Water

Sample Drawn on

: 06/03/2023

Sample Drawn by

: EPEPL (Mr. Harish Kumar)

Sample Received on

: 07/03/2023

Sampling Location

: 500 Meter u/s Before confluence with Sariya Nala,
Near Village- Bharsarth, in Aami River

Sampling Plan & Procedure

: SOP-W/66

Sample Quantity

: 1.0 Litre

Environmental Condition

: Normal

Analysis Duration

: 07/03/2023 To 11/03/2023

Remark (if any)

: NA

RESULTS

S. No.	Parameters	Test Method	Results	Units
1	pH	IS: 3025 (P-11)	7.12	-
2	Colour	IS: 3025 (P-4)	40.0	Hazen
3	Total Dissolved Solids	IS: 3025 (P-16)	338.0	mg/L
4	Total Suspended Solids	IS: 3025 (P-17)	29.0	mg/L
5	COD (as O ₂)	IS: 3025 (P-58)	18.2	mg/L
6	Dissolved Oxygen (DO)	IS: 3025 (P-38)	4.5	mg/L
7	BOD (@27°C for 3 days)	IS: 3025 (P-44)	3.2	mg/L

Notes :

- The results given above are related to the tested sample, as received & mentioned parameters.
The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- The test samples will be disposed off after 15 days from the date of issue of test report, unless until specified by the customer. Sample received for biological tests will be destroyed after 7 days from the date of issue of test report.
- Responsibility of the Laboratory is limited to the invoiced amount only.

End of Report

For EKO PRO ENGINEERS PVT. LTD.





Contact : +91 - 9810243870

EKO PRO ENGINEERS PVT. LTD.Environmental Consultants and Analytical Laboratory
(An ISO 9001:2015 Certified Company)Office & Laboratory : 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009 (Delhi-NCR) INDIA.
Contact No : 9711159210, 9810240637, 9810240676 E-mail : email@ekopro.in, ekoproengineers@gmail.com, website : www.ekopro.in**TEST REPORT****Effluent Sample Analysis**

Test Report No. : EKO/E-705/070323

Issue Date : 11/03/2023

Issued To

: INDIA GLYCOLS LIMITED
E-1, Sector - 15, GIDA
Gorakhpur (U.P.)

Sample Description

: Surface Water

Sample Drawn on

: 06/03/2023

Sample Drawn by

: EPEPL (Mr. Harish Kumar)

Sample Received on

: 07/03/2023

Sampling Location

: 500 Meter d/s after confluence with Sariya Nala,
Near Chhatai Road Bride in Aami River

Sampling Plan & Procedure

: SOP-W/66

Sample Quantity

: 1.0 Litre

Environmental Condition

: Normal

Analysis Duration

: 07/03/2023 To 11/03/2023

Remark (if any)

: NA

RESULTS

S. No.	Parameters	Test Method	Results	Units
1	pH	IS: 3025 (P-11)	7.18	-
2	Colour	IS: 3025 (P-4)	50.0	Hazen
3	Total Dissolved Solids	IS: 3025 (P-16)	346.0	mg/L
4	Total Suspended Solids	IS: 3025 (P-17)	32.0	mg/L
5	COD (as O ₂)	IS: 3025 (P-58)	20.8	mg/L
6	Dissolved Oxygen (DO)	IS: 3025 (P-38)	4.3	mg/L
7	BOD (@27°C for 3 days)	IS: 3025 (P-44)	3.7	mg/L

Notes :

- The results given above are related to the tested sample, as received & mentioned parameters.
The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- The test samples will be disposed off after 15 days from the date of issue of test report, unless until specified by the customer. Sample received for biological tests will be destroyed after 7 days from the date of issue of test report.
- Responsibility of the Laboratory is limited to the invoiced amount only.

****End of Report****

For EKO PRO ENGINEERS PVT. LTD.

 RUCHIMA CHAKRABORTY
 TECHNICAL MANAGER
 SAVE THE ENVIRONMENT
 (Authorized Signatory)

India Glycols Ltd E-1 Sector – 15 GIDA Gorakhpur, U. P

Data for the month of- March-23

1. Fresh water consumption m3	-	39469.3
Production B.L	-	Molasses- 5030241.5
	-	Grain- 2619775.10
2. Raw Material Consumption -		
a) Molasses consumption Qtls	-	207713.0
b) Broken Rice consumption MT	-	5780
3. Spent Wash Generation	-	35997 m3
4. Slope Generation	-	12629 m3
5. Condensate generation	-	27658.0 m3
6. Whole Stillage generation		
7. Thick Syrup	-	
8. Condensate Generation -		
9. Feed Qty. of slope into incinerator	-	12629.0 m3
10. Yeast sludge generation and disposal -		
11. Boiler ash generation and disposal -		
12. Quantity of spent lees generation, recycle/ reuse and treatment in CPU	-	34304.0 m3
13. Quantity of effluent received in to CPU detail of reuse/recycle etc.-		
		Received- 34304.0 m3
		Treated and recycle - 34274 m3
14. Stem generation, fuel consumption -		
15. Co ₂ production and sold - NA		

PAN : AAACI7246P
 GSTIN : 09AAACI7246P1ZZ
 CIN of the Company
 L24111UR1983PLC009097



ISO 9001 : 2008
 ISO 22000 : 2005



INDIA GLYCOLS LIMITED

E-1, Sector-15, GIDA, GORAKHPUR-273209 Phone : 0551-2580351, 53, 54, 55, 56, Fax : 0551-2580352

Ref No. 16 / IGL/Envp/2023-24

May 10th 2023

To,

The Chief Environmental Officer (Circle – VI)
 Uttar Pradesh Pollution Control Board
 TC – 12 V. VIBHUTI KHAND, GOMTI Nagar
 LUCKNOW – 226010
 Uttar Pradesh

Reference: Water Consent Order Ref No – 146262 / UPPCB / Gorakhpur
 (UPPCBRO) / CTO / Water / Gorakhpur / 2021 dated 03-01-2022 & Air
 Consent Order Ref. No 146249 / UPPCB / GORAKHPUR (UPPCBRO);
 / CTO / AIR / GORAKHPUR / 2021 of dated 03-01-2022

Subject: Compliance of CTOs Conditions

Dear Sir

The Water Consent Order Ref. No – 146262 / UPPCB / Gorakhpur (UPPCBRO) /
 CTO / Water / Gorakhpur / 2021 dated 03-01-2022 it's mandatory condition No. 14
 directing us that " Unit shall identify recipient drains / rivulets and their upstream &
 downstream locations in consultation with UPPCB and shall carry out monthly
 monitoring of identified recipient drains at upstream & downstream location through
 recognized lab under Environment (Protection) Act, 1986 and shall submit the
 analysis report on monthly basis by 10th of every month to CPCB and UPPCB "

We have identified recipient drains upstream & downstream locations in Aam River
 with consultation of UPPCB Regional Office Gorakhpur.

Monitoring Report of upstream & downstream locations by approved lab recognized
 under Environment (Protection) Act, 1986 for month of April, 2023 is attached as
Annexure – 1.

REGISTERED OFFICE : A-1, Industrial Area, Bazpur Road, Kashipur - 244 713, Distt. - Udham Singh Nagar (Uttarakhand)
 Phone : +91 5947 269000 / 275320, +91 9411108202, Fax : 05947-275315, 275192

HEAD OFFICE : Plot No. 2-B, Sector-126, NOIDA - 201 304, Dist. Gautam Budh Nagar (U.P.) Tel. : 0120-3090100, 3090200
 Fax : 0120-3090111, 3090211, E-mail : iglho@indiaglycols.com, URL : www.indiaglycols.com

AAACI7246P
 N: 09AAACI7246P1ZZ
 of the Company
 24111UR1983PLC009097



ISO 9001 : 2008
 ISO 22000 : 2005



INDIA GLYCOLS LIMITED

E-1, Sectot-15, GIDA, GORAKHPUR-273209 Phone : 0551-2580351, 53, 54, 55, 56, Fax : 0551-2580352

As per condition of CTO: monthly record of April, 2023 is as Annexure - 2

We would like to emphasize that M/s India Glycols Ltd is an environmental conscious organization and always care for environment preservation keen to adopt / implement guidelines / directions for improvement of environment

With best regards

Yours faithfully
 M/s India Glycols Ltd


 Shailendra K Pandey
 Site Head

Email- Shailendra.K.Pandey@indiaglycols.com

Enclosure - as above

CC

- Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar
 Delhi -- 110032
- UPPCB Regional Officer, Gorakhpur

REGISTERED OFFICE : A-1, Industrial Area, Bazpur Road, Kashipur - 244 713, Distt. - Udham Singh Nagar (Uttarakhand)
 Phone : +91 5947 269000 / 275320, +91 9411108202, Fax : 05947-275315, 275192

HEAD OFFICE : Plot No. 2-B, Sector-126, NOIDA - 201 304, Dist. Gautam Budh Nagar (U.P.) Tel. : 0120-3090100, 3090200
 Fax : 0120-3090111, 3090211, E-mail. : iglho@indiaglycols.com, URL : www.indiaglycols.com



Contact : +91 - 9810243870

EKO PRO ENGINEERS PVT. LTD.Environmental Consultants and Analytical Laboratory
(An ISO 9001:2015 Certified Company)Office & Laboratory : 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009 (Delhi-NCR) INDIA.
Contact No.: 9711159210, 9810240837, 9810240678 E-mail : email@ekopro.in, ekoproengineers@gmail.com, website : www.ekopro.in**TEST REPORT****Effluent Sample Analysis**

Test Report No. : EKO/E-555/070423

Issue Date : 11/04/2023

Issued To

: INDIA GLYCOLS LIMITED
E-1, Sector - 15, GIDA
Gorakhpur (U.P.)

Sample Description

: Surface Water

Sample Drawn on

: 06/04/2023

Sample Drawn by

: EPEPL (Mr. Harish Kumar)

Sample Received on

: 07/04/2023

Sampling Location

: 500 Meter u/s Before confluence with Sariya Nala,
Near Village- Bharsarh, in Aami River

Sampling Plan & Procedure

: SOP-W/66

Sample Quantity

: 1.0 Litre

Environmental Condition

: Normal

Analysis Duration

: 07/04/2023 To 11/04/2023

Remark (if any)

: NA

RESULTS

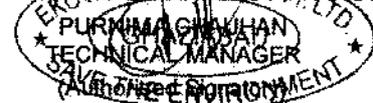
S. No.	Parameters	Test Method	Results	Units
1	pH	IS: 3025 (P-11)	7.18	-
2	Colour	IS: 3025 (P-4)	50.0	Hazen
3	Total Dissolved Solids	IS: 3025 (P-16)	340.0	mg/L
4	Total Suspended Solids	IS: 3025 (P-17)	31.0	mg/L
5	COD (as O ₂)	IS: 3025 (P-58)	17.9	mg/L
6	Dissolved Oxygen (DO)	IS: 3025 (P-38)	4.6	mg/L
7	BOD (@27°C for 3 days)	IS: 3025 (P-44)	3.1	mg/L

Notes :

- The results given above are related to the tested sample, as received & mentioned parameters.
The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- The test samples will be disposed off after 15 days from the date of issue of test report, unless until specified by the customer. Sample received for biological tests will be destroyed after 7 days from the date of issue of test report.
- Responsibility of the Laboratory is limited to the invoiced amount only.

****End of Report****

For EKO PRO ENGINEERS PVT. LTD.





Contact : +91 - 9810243870

EKO PRO ENGINEERS PVT. LTD.

Environmental Consultants and Analytical Laboratory
(An ISO 9001:2015 Certified Company)

Office & Laboratory : 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009 (Delhi-NCR) INDIA.
Contact No.: 9711159210, 9810240837, 9810240678 E-mail : email@ekopro.in, ekoproengineers@gmail.com, website : www.ekopro.in

TEST REPORT

Effluent Sample Analysis

Test Report No. : EKO/E-556/070423

Issue Date : 11/04/2023

Issued To

: INDIA GLYCOLS LIMITED
E-1, Sector - 15, GIDA
Gorakhpur (U.P.)

Sample Description	: Surface Water
Sample Drawn on	: 06/04/2023
Sample Drawn by	: EPEPL (Mr. Harish Kumar)
Sample Received on	: 07/04/2023
Sampling Location	: 500 Meter d/s after confluence with Sariya Nala, Near Chhatai Road Bridge in Aami River
Sampling Plan & Procedure	: SOP-W/66
Sample Quantity	: 1.0 Litre
Environmental Condition	: Normal
Analysis Duration	: 07/04/2023 To 11/04/2023
Remark (if any)	: NA

RESULTS

S. No.	Parameters	Test Method	Results	Units
1	pH	IS: 3025 (P-11)	7.21	-
2	Colour	IS: 3025 (P-4)	60.0	Hazen
3	Total Dissolved Solids	IS: 3025 (P-16)	352.0	mg/L
4	Total Suspended Solids	IS: 3025 (P-17)	34.0	mg/L
5	COD (as O ₂)	IS: 3025 (P-58)	19.8	mg/L
6	Dissolved Oxygen (DO)	IS:3025 (P-38)	4.5	mg/L
7	BOD (@27°C for 3 days)	IS: 3025 (P-44)	3.5	mg/L

Notes :

- The results given above are related to the tested sample, as received & mentioned parameters.
The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- The test samples will be disposed off after 15 days from the date of issue of test report, unless until specified by the customer. Sample received for biological tests will be destroyed after 7 days from the date of issue of test report.
- Responsibility of the Laboratory is limited to the invoiced amount only.

End of Report

For EKO PRO ENGINEERS PVT. LTD.



M/s India Glycols Ltd. E-1, Sector – 15, GIDA, Gorakhpur, Uttar Pradesh**APRIL-2023**

1. Fresh water consumption m³ - 47076.1

Production B.L Molasses 1852280.6 B.L

Grain **2772877.3 B.L**

2. Raw Material Consumption -

a) Molasses consumption Qtls - 77903.0

b) Broken Rice consumption MT - 5954.0

3. Spent Wash Generation - 13152.0 m³

4. Slope Generation - 4599.0 m³

5. Condensate generation- 10084.0 m³

6. Whole Stillage generation

7. Thick Syrup

8. Condensate Generation -

9. Feed Qty. of slope into incinerator - 4599.0.0 m³

10. Yeast sludge generation and disposal -

11. Boiler ash generation and disposal -

12. Quantity of spent lees generation, recycle/ reuse and treatment in CPU - 12596.0 m³

13. Quantity of effluent received in to CPU detail of reuse/recycle etc.-

Received- 12596.0.0 m³

Treated and recycle - 12576.0 m³

14. Stem generation, fuel consumption -

15. Co₂ production and sold - NA



INDIA GLYCOLS LIMITED



Works & Registered Office : A-1, Industrial Area, Bazpur Road, Kashipur - 244713, Distt. Udham Singh Nagar (Uttarakhand)
Tel. No.: +91 5947 269000 / 269500 / 275320, +91 9411108202, Fax No.: +91 5947 275315, 269535
Website : www.indiaglycols.com

Date: 10-06-2023

To,

The Chief Environmental Officer (Circle - VI)
Uttar Pradesh Pollution Control Board
TC - 12 V, VIBHUTI KHAND, GOMTI Nagar
LUCKNOW - 226010
Uttar Pradesh

Reference: Water Consent Order Ref. No. - 146262 / UPPCB / Gorakhpur (UPPCBRO) / CTO / Water / Gorakhpur / 2021 dated 03-01-2022 & Air Consent Order Ref. No. 146249 / UPPCB / GORAKHPUR (UPPCBRO) / CTO / AIR / GORAKHPUR / 2021 of dated 03-01-2022.

Subject: Compliance of CTOs Conditions

Dear Sir,

The Water Consent Order Ref. No. - 146262 / UPPCB / Gorakhpur (UPPCBRO) / CTO / Water / Gorakhpur / 2021 dated 03-01-2022, it's mandatory condition No - 14 directing us that " Unit shall identify recipient drains / rivulets and their upstream & downstream locations in consultation with UPPCB and shall carry out monthly monitoring of identified recipient drains at upstream & downstream location through recognized lab under Environment (Protection) Act, 1986 and shall submit the analysis report on monthly basis by 10th of every month to CPCB and UPPCB."

We have identified recipient drains upstream & downstream locations in Aami River with consultation of UPPCB Regional Office Gorakhpur.

Monitoring Report of upstream & downstream locations by approved lab recognized under Environment (Protection) Act, 1986 for month of **May, 2023** is attached as **Annexure - 1**.

PAN : AAACI7246P
 GSTIN : 09AAACI7246P1ZZ
 CIN of the Company
 L24111UR1983PLC009097

ISO 9001 : 2008
 ISO 22000 : 2005



INDIA GLYCOLS LIMITED

E-1, Sector-15, GIDA, GORAKHPUR-273209 Phone : 0551-2580351,53,54,55,56, Fax:0551-2580352

As per condition of CTO, monthly record of May, 2023 is as Annexure - 2.

We would like to emphasize that M/s India Glycols Ltd is an environmental conscious organization and always care for environment preservation, keen to adopt / implement guidelines / directions for improvement of environment.

With best regards

Yours faithfully
 M/s India Glycols Ltd

Authorized Signatory
 (Email- Shailendra.K.Pandey@indiaglycols.com)

Enclosure -- as above

CC:

- Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi - 110032
- UPPCB Regional Officer, Gorakhpur

REGISTERED OFFICE : A-1, Industrial Area, Bazpur Road, Kashipur - 244 713; Distt. - Udham Singh Nagar (Uttarakhand)
 Phone : +91 5947 269000 / 275320, +91 9411108202, Fax : 05947-275315, 275192

HEAD OFFICE : Plot No. 2-B, Sector-126, NOIDA - 201 304, Dist. Gautam Budh Nagar (U.P.), Tel. : 0120-3090100, 3090200,
 Fax : 0120-3090111, 3090211, E-mail : iglho@indiaglycols.com, URL : www.indiaglycols.com



Contact : +91 - 9810243870

EKO PRO ENGINEERS PVT. LTD.
Environmental Consultants and Analytical Laboratory
(An ISO 9001:2015 Certified Company)

Office & Laboratory : 32/A1, South Side of G T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009 (Delhi-NCR) INDIA.
Contact No. : 9711159210, 9810240837, 9810240678 E-mail : email@ekopro.in, ekoproengineers@gmail.com; website : www.ekopro.in

TEST REPORT

Effluent Sample Analysis

Test Report No. : EKO/E-558/060523

Issue Date : 11/05/2023

Issued To

: INDIA GLYCOLS LIMITED
E-1, Sector - 15, GIDA
Gorakhpur (U.P.)

Sample Description

: Surface Water

Sample Drawn on

: 05/05/2023

Sample Drawn by

: EPEPL (Mr. Munesh kumar)

Sample Received on

: 06/05/2023

Sampling Location

: 500 Meter u/s Before confluence with Sariya Nala,
Near Village- Bharsarh, in Aami River

Sampling Plan & Procedure

: SOP-W/66

Sample Quantity

: 1.0 Litre

Environmental Condition

: Normal

Analysis Duration

: 06/05/2023 To 10/05/2023

Remark (if any)

: NA

RESULTS

S. No.	Parameters	Test Method	Results	Units
1	pH	IS: 3025 (P-11)	7.14	-
2	Colour	IS: 3025 (P-4)	40.0	Hazen
3	Total Dissolved Solids	IS: 3025 (P-16)	330.0	mg/L
4	Total Suspended Solids	IS: 3025 (P-17)	29.0	mg/L
5	COD (as O ₂)	IS: 3025 (P-58)	18.6	mg/L
6	Dissolved Oxygen (DO)	IS:3025 (P-38)	4.7	mg/L
7	BOD (@27°C for 3 days)	IS: 3025 (P-44)	3.3	mg/L

Notes :

- The results given above are related to the tested sample, as received & mentioned parameters.
The customer asked for the above tests only.
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- The test report will not be used for any publicity/legal purpose.
- The test samples will be disposed off after 15 days from the date of issue of test report, unless until specified by the customer. Sample received for biological tests will be destroyed after 7 days from the date of issue of test report.
- Responsibility of the Laboratory is limited to the invoiced amount only.

End of Report

For EKO PRO ENGINEERS PVT. LTD.





Contact : +91 - 9810243870

EKO PRO ENGINEERS PVT. LTD.
 Environmental Consultants and Analytical Laboratory
 (An ISO 9001:2015 Certified Company)

Office & Laboratory - 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009 (Delhi-NCR) INDIA.
 Contact No.: 9711159210, 9810240837, 9810240678 E-mail : email@ekopro.in, ekoproengineers@gmail.com, website : www.ekopro.in

TEST REPORT

Effluent Sample Analysis

Test Report No. : EKO/E-559/060523
 Issued To

: INDIA GLYCOLS LIMITED
 E-1, Sector - 15, GIDA
 Gorakhpur (U.P.)

Issue Date : 11/05/2023

Sample Description : Surface Water
 Sample Drawn on : 05/05/2023
 Sample Drawn by : EPEPL (Mr. Munesh kumar)
 Sample Received on : 06/05/2023
 Sampling Location : 500 Meter d/s after confluence with Sariya Nala,
 Near Chhatai Road Bride in Aami River
 Sampling Plan & Procedure : SOP-W/66
 Sample Quantity : 1.0 Litre
 Environmental Condition : Normal
 Analysis Duration : 06/05/2023 To 10/05/2023
 Remark (if any) : NA

RESULTS

S. No.	Parameters	Test Method	Results	Units
1	pH	IS: 3025 (P-11)	7.24	-
2	Colour	IS: 3025 (P-4)	50.0	Hazen
3	Total Dissolved Solids	IS: 3025 (P-16)	358.0	mg/L
4	Total Suspended Solids	IS: 3025 (P-17)	32.0	mg/L
5	COD (as O ₂)	IS: 3025 (P-58)	20.4	mg/L
6	Dissolved Oxygen (DO)	IS:3025 (P-38)	4.7	mg/L
7	BOD (@27°C for 3 days)	IS: 3025 (P-44)	3.6	mg/L

Notes :

- The results given above are related to the tested sample, as received & mentioned parameters.
The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- The test samples will be disposed off after 15 days from the date of issue of test report, unless until specified by the customer. Sample received for biological tests will be destroyed after 7 days from the date of issue of test report.
- Responsibility of the Laboratory is limited to the invoiced amount only.

End of Report

For EKO PRO ENGINEERS PVT. LTD.
 PURNIMA SHANKAR
 * TECHNICAL MANAGER *
 SAVE THE ENVIRONMENT

Annexure - 2

M/s INDIA GLYCOLS LIMITED
E-1, Sector – 15, GIDA, GORAKHPUR
UTTAR PRADESH

Monthly Record – May, 2023

Fresh water consumption m3	42276.73 m3
Production	via -Molasses 5927847.40 BL
	via - Grains 3423872.0 BL
Raw Material Consumption	
Molasses consumption	245032.0 Quintal
Broken Rice consumption MT	7355.0 MT
Spent wash generation & treatment through MEE	42082 m3
Slope Generation & Incineration in SLOP Boilers	15318 m3
Condensates received to CPU for treatment, recycle & reused	42313.0 m3

PAN : AAACI7246P
 GSTIN : 09AAACI7246P1ZZ
 CIN of the Company
 I.24111UR1983PLC009097



ISO 9001 : 2008
 ISO 22000 : 2005



INDIA GLYCOLS LIMITED

E-1, Sectot-15, GIDA, GORAKHPUR-273209 Phone : 0551-2580351, 53, 54, 55, 56, Fax : 0551-2580352
 July 10th 2023

To

The Chief Environmental Officer (Circle – VI)
 Uttar Pradesh Pollution Control Board
 TC – 12 V, VIBHUTI KHAND, GOMTI Nagar
 LUCKNOW – 226010
 Uttar Pradesh

Reference. Water Consent Order Ref. No – 146262 / UPPCB / Gorakhpur
 (UPPCBRO) / CTO / Water / Gorakhpur / 2021 dated 03-01-2022 & Air
 Consent Order Ref. No. 146249 / UPPCB / GORAKHPUR (UPPCBRO)
 / CTO / AIR / GORAKHPUR / 2021 of dated 03-01-2022

Subject: Compliance of CTOs Conditions

Dear Sir,

The Water Consent Order Ref. No. – 146262 / UPPCB / Gorakhpur (UPPCBRO) /
 CTO / Water / Gorakhpur / 2021 dated 03-01-2022, it's mandatory condition No – 14
 directing us that " Unit shall identify recipient drains / rivulets and their upstream &
 downstream locations in consultation with UPPCB and shall carry out monthly
 monitoring of identified recipient drains at upstream & downstream location through
 recognized lab under Environment (Protection) Act 1986 and shall submit the
 analysis report on monthly basis by 10th of every month to CPCB and UPPCB "

We have identified recipient drains upstream & downstream locations in Aami River
 with consultation of UPPCB Regional Office Gorakhpur

Monitoring Report of upstream & downstream locations by approved lab recognized
 under Environment (Protection) Act, 1986 for month of June, 2023 is attached as
Annexure – 1.

REGISTERED OFFICE : A-1, Industrial Area, Bazpur Road, Kashipur - 244 713, Distt. - Udham Singh Nagar (Uttarakhand)
 Phone : +91 5947 269000 / 275320, +91 9411108202, Fax : 05947-275315, 275192

HEAD OFFICE : Plot No. 2-B, Sector-126, NOIDA - 201 304, Dist. Gautam Budh Nagar (U.P.) Tel. : 0120-3090100, 3090200
 Fax : 0120-3090111, 3090211, E-mail. : iglho@indiaglycols.com, URL : www.indiaglycols.com

PAN : AAACI7246P
 GSTIN : 09AAACI7246P1ZZ
 CIN of the Company
 I.24111UR1983PLC009097



ISO 9001 : 2008
 ISO 22000 : 2005



INDIA GLYCOLS LIMITED

E-1, Sectar-15, GIDA, GORAKHPUR-273209 Phone : 0551-2580351, 53, 54, 55, 56, Fax : 0551-2580352

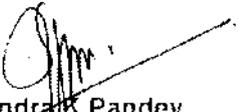
As per condition of CTO, monthly record of July, 2023 is as Annexure – 2

We would like to emphasize that M/s India Glycols Ltd is an environmental conscious organization and always care for environment preservation, keen to adopt / implement guidelines / directions for improvement of environment

With best regards

Yours faithfully

M/s India Glycols Ltd


 Shailendra K. Pandey

Distillery – Head

Email- [Shailendra K. Pandey@indiaglycols.com](mailto:Shailendra.K.Pandey@indiaglycols.com)

Enclosure – as above

CC

- Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi – 110032
- UPPCB Regional Officer, Gorakhpur.

REGISTERED OFFICE : A-1, Industrial Area, Bazpur Road, Kashipur - 244 713, Distt. - Udham Singh Nagar (Uttarakhand)
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Contact : +91 - 9810243970

EKO PRO ENGINEERS PVT. LTD.
Environmental Consultants and Analytical Laboratory
(An ISO 9001:2015 Certified Company)

Office & Laboratory : 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009 (Delhi-NCR) INDIA.
Contact No.: 9711159210, 9810240837, 9810240678 E-mail : email@ekopro.in, ekoproengineers@gmail.com, website : www.ekopro.in

TEST REPORT

Effluent Sample Analysis

Test Report No. : EKO/E-566/200623
Issued To

Issue Date : 24/06/2023

: INDIA GLYCOLS LIMITED
E-1, Sector - 15, GIDA
Gorakhpur (U.P.)

Sample Description : Surface Water
Sample Drawn on : 19/06/2023
Sample Drawn by : EPEPL (Mr. Umesh kumar)
Sample Received on : 20/06/2023
Sampling Location : 500 Meter u/s Before confluence with Sariya Nala,
Near Village- Bharsarh, in Aarni River
Sampling Plan & Procedure : SOP-W/66
Sample Quantity : 1.0 Litre
Environmental Condition : Normal
Analysis Duration : 20/06/2023 To 24/06/2023
Remark (if any) : NA

RESULTS

S. No.	Parameters	Test Method	Results	Units
1	pH	IS: 3025 (P-11)	7.15	-
2	Colour	IS: 3025 (P-4)	50.0	Hazen
3	Total Dissolved Solids	IS: 3025 (P-16)	326.0	mg/L
4	Total Suspended Solids	IS: 3025 (P-17)	28.0	mg/L
5	COD (as O ₂)	IS: 3025 (P-58)	19.2	mg/L
6	Dissolved Oxygen (DO)	IS: 3025 (P-38)	4.5	mg/L
7	BOD (@27°C for 3 days)	IS: 3025 (P-44)	3.2	mg/L

Notes :

- The results given above are related to the tested sample, as received & mentioned parameters.
The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- The test samples will be disposed off after 15 days from the date of issue of test report, unless until specified by the customer. Sample received for biological tests will be destroyed after 7 days from the date of issue of test report.
- Responsibility of the Laboratory is limited to the invoiced amount only.

****End of Report****

For EKO PRO ENGINEERS PVT. LTD.
PURNIMA CHAUHAN
TECHNICAL MANAGER
SAVE THE ENVIRONMENT



Contact : +91 - 9810243870

EKO PRO ENGINEERS PVT. LTD.Environmental Consultants and Analytical Laboratory
(An ISO 9001:2015 Certified Company)Office & Laboratory : 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009 (Delhi-NCR) INDIA.
Contact No. : 9711159210, 9810240837, 9810240678 E-mail : amail@ekopro.in, ekoproengineers@gmail.com, website : www.ekopro.in**TEST REPORT****Effluent Sample Analysis**

Test Report No. : EKO/E-567/200623

Issue Date : 24/06/2023

Issued To

: INDIA GLYCOLS LIMITED
E-1, Sector - 15, GIDA
Gorakhpur (U.P.)

Sample Description : Surface Water
 Sample Drawn on : 19/06/2023
 Sample Drawn by : EPEPL (Mr. Umesh kumar)
 Sample Received on : 20/06/2023
 Sampling Location : 500 Meter d/s After confluence with Sariya Nala,
Near Chhatai Road Bridge in Aarni River

Sampling Plan & Procedure : SOP-W/66
 Sample Quantity : 1.0 Litre
 Environmental Condition : Normal
 Analysis Duration : 20/06/2023 To 24/06/2023
 Remark (if any) : NA

RESULTS

S. No.	Parameters	Test Method	Results	Units
1	pH	IS: 3025 (P-11)	7.28	-
2	Colour	IS: 3025 (P-4)	60.0	Hazen
3	Total Dissolved Solids	IS: 3025 (P-16)	360.0	mg/L
4	Total Suspended Solids	IS: 3025 (P-17)	30.0	mg/L
5	COD (as O ₂)	IS: 3025 (P-58)	21.8	mg/L
6	Dissolved Oxygen (DO)	IS: 3025 (P-38)	4.3	mg/L
7	BOD (@27°C for 3 days)	IS: 3025 (P-44)	3.5	mg/L

Notes :

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****End of Report****

For EKO PRO ENGINEERS PVT. LTD.
 PURNIMA ZILIHAN
 TECHNICAL MANAGER
 AUTHORIZED SIGNATURE

Annexure - 2

M/s India Glycols Ltd. E-1, Sector - 15, GIDA, Gorakhpur, Uttar Pradesh**Monthly Data: June.2023**

1	Fresh Water Consumption	35771.7 m3
2	Production (Molasses Route)	4504569.0 BL
3	Production (Grains Route)	2722236.1 BL
4	Raw Materials Consumption	
	Molasses	194953.0 Quintal
	Grains	593900.0 Quintal
5	Spent wash generation	34731.0 m3
6	Condensate generation	31631.0 m3
7	CPU Feed	37121.0 m3
8	CPU tr. Water recycle & reused	36710.0 m3

PAN : AAACI7246P
 GSTIN : 09AAACI7246P1ZZ
 CIN of the Company
 I.24111UR1983PLC009097



ISO 9001 : 2008
 ISO 22000 : 2005



INDIA GLYCOLS LIMITED

E-1, Sectot-15, GIDA, GORAKHPUR-273209 Phone : 0551-2580351, 53, 54, 55, 56, Fax : 0551-2580352

August 9th 2023

To,

The Chief Environmental Officer (Circle - VI)
 Uttar Pradesh Pollution Control Board
 TC - 12 V, VIBHUTI KHAND, GOMTI Nagar
 LUCKNOW - 226010
 Uttar Pradesh

Reference: Water Consent Order Ref. No - 146262 / UPPCB / Gorakhpur
 (UPPCBRO) / CTO / Water / Gorakhpur / 2021 dated 03-01-2022 & Air
 Consent Order Ref. No 146249 / UPPCB / GORAKHPUR (UPPCBRO)
 / CTO / AIR / GORAKHPUR / 2021 of dated 03-01-2022

Subject: Compliance of CTOs Conditions

Dear Sir,

The Water Consent Order Ref. No. - 146262 / UPPCB / Gorakhpur (UPPCBRO) /
 CTO / Water / Gorakhpur / 2021 dated 03-01-2022 it's mandatory condition No. 14
 directing us that " Unit shall identify recipient drains / rivulets and their upstream &
 downstream locations in consultation with UPPCB and shall carry out monthly
 monitoring of identified recipient drains at upstream & downstream location through
 recognized lab under Environment (Protection) Act, 1986 and shall submit the
 analysis report on monthly basis by 10th of every month to CPCB and UPPCB.

We have identified recipient drains upstream & downstream locations in Aarni River
 with consultation of UPPCB Regional Office Gorakhpur.

Monitoring Report of upstream & downstream locations by approved lab recognized
 under Environment (Protection) Act, 1986 for month of July, 2023 is attached as
Annexure - 1.

REGISTERED OFFICE : A-1, Industrial Area, Bazpur Road, Kashipur - 244 713, Distt. - Udham Singh Nagar (Uttarakhand)
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 Fax : 0120-3090111, 3090211. E-mail. : iglho@indiaglycols.com, URL : www.indiaglycols.com

PAN : AAACI7246P
 GSTIN : 09AAACI7246P1Z2
 CIN of the Company
 L24111UR1983PLC009097



ISO 9001 : 2008
 ISO 22000 : 2005



INDIA GLYCOLS LIMITED

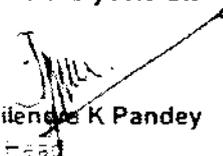
E-1, Sectot-15, GIDA, GORAKHPUR-273209 Phone : 0551-2580351, 53, 54, 55, 56, Fax : 0551-2580352

As per condition of CTO; monthly record of July, 2023 is as Annexure - 2.

We would like to emphasize that M/s India Glycols Ltd is an environmental conscious organization and always care for environment preservation, keen to adopt / implement guidelines / directions for improvement of environment

With best regards

Yours faithfully
 M/s India Glycols Ltd


 Shailendra K Pandey
 Site Head
 Email - Shailendra.K.Pandey@indiaglycols.com

Enclosure - as above

CC

- Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar
 Delhi - 110032
- UPPCB Regional Officer, Gorakhpur

REGISTERED OFFICE : A-1, Industrial Area, Bazpur Road, Kashipur - 244 713, Distt. - Udham Singh Nagar (Uttarakhand)
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Contact : +91 - 9810243870

EKO PRO ENGINEERS PVT. LTD.

Environmental Consultants and Analytical Laboratory
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Office & Laboratory : 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009 (Delhi-NCR) INDIA.
Contact No.: 97 11159210, 9810240837, 9810240678 E-mail : email@ekopro.in, ekoproengineers@gmail.com, website : www.ekopro.in

TEST REPORT

Effluent Sample Analysis

Test Report No. : EKO/E-560/060723

Issue Date : 11/07/2023

Issued To

: INDIA GLYCOLS LIMITED
E-1, Sector - 15, GIDA
Gorakhpur (U.P.)

Sample Description : Surface Water
Sample Drawn on : 05/07/2023
Sample Drawn by : EPEPL (Mr. Harish Kumar)
Sample Received on : 06/07/2023
Sampling Location : 500 Meter u/s Before confluence with Sariya Nala,
Near Village- Bharsarh, in Aarni River
Sampling Plan & Procedure : SOP-W/66
Sample Quantity : 1.0 Litre
Environmental Condition : Normal
Analysis Duration : 06/07/2023 To 11/07/2023
Remark (if any) : NA

RESULTS

S. No.	Parameters	Test Method	Results	Units
1	pH	IS: 3025 (P-11)	7.12	-
2	Colour	IS: 3025 (P-4)	50.0	Hazen
3	Total Dissolved Solids	IS: 3025 (P-16)	324.0	mg/L
4	Total Suspended Solids	IS: 3025 (P-17)	27.0	mg/L
5	COD (as O ₂)	IS: 3025 (P-58)	17.2	mg/L
6	Dissolved Oxygen (DO)	IS: 3025 (P-38)	4.6	mg/L
7	BOD (@27°C for 3 days)	IS: 3025 (P-44)	3.2	mg/L

Notes :

- The results given above are related to the tested sample, as received & mentioned parameters.
The customer asked for the above tests only.
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- Responsibility of the Laboratory is limited to the invoiced amount only.

End of Report

For EKO PRO ENGINEERS PVT. LTD.





Contact : +91 - 9810243870

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Environmental Consultants and Analytical Laboratory
(An ISO 9001:2015 Certified Company)

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Contact No. : 9711159210, 9810240837, 9810240678 E-mail : email@ekopro.in, ekoproengineers@gmail.com, website : www.ekopro.in

TEST REPORT

Effluent Sample Analysis

Test Report No. : EKO/E-561/060723

Issue Date : 11/07/2023

Issued To

: INDIA GLYCOLS LIMITED
E-1, Sector - 15, GIDA
Gorakhpur (U.P.)

Sample Description

: Surface Water

Sample Drawn on

: 05/07/2023

Sample Drawn by

: EPEPL (Mr. Harish Kumar)

Sample Received on

: 06/07/2023

Sampling Location

: 500 Meter d/s after confluence with Sariya Nala,
Near Chhatai Road Bridge in Aami River

Sampling Plan & Procedure

: SOP-W/66

Sample Quantity

: 1.0 Litre

Environmental Condition

: Normal

Analysis Duration

: 06/07/2023 To 11/07/2023

Remark (if any)

: NA

RESULTS

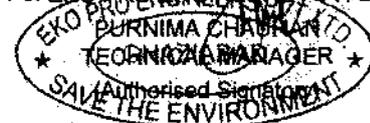
S. No.	Parameters	Test Method	Results	Units
1	pH	IS: 3025 (P-11)	7.19	-
2	Colour	IS: 3025 (P-4)	60.0	Hazen
3	Total Dissolved Solids	IS: 3025 (P-16)	350.0	mg/L
4	Total Suspended Solids	IS: 3025 (P-17)	30.0	mg/L
5	COD (as O ₂)	IS: 3025 (P-58)	19.1	mg/L
6	Dissolved Oxygen (DO)	IS: 3025 (P-38)	4.9	mg/L
7	BOD (@27°C for 3 days)	IS: 3025 (P-44)	3.4	mg/L

Notes :

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End of Report

For EKO PRO ENGINEERS PVT. LTD.



M/s India Glycols Ltd. E-1 Sector – 15 GIDA GORAKHPUR, U P PIN – 273209

Monthly Data for July, 2023

S. No.	Parameters	Quantity
a.	Fresh water consumption	40391.40 m3
b.	Production	8001317.60 BL
c.	Raw material consumption - molasses	219208 qtls.
	Grains	62470 qtls.
d.	Spent wash generation	37972.0 m3
e.	SLOP generation	12693.0 m3
f.	Condensate generation	25279.0 m3
g.	Feed quantity of SLOP into incinerator	12693.0 m3
h.	Yeast sludge generation and disposal	-
i.	Boiler ash generation and disposal	-
j.	Quantity of granule generation and sold	-
k.	Quantity of spent lees generation, recycle / reuse and treatment in CPU	10677.0 m3
l.	Quantity of effluent received into CPU, details of reuse / recycle etc.	36129.0 m3
m.	Steam generation, fuel consumption	-
n.	CO2 production and sold	-

PAN : AAAC17246P
 GSTIN : 09AAAC17246P1ZZ
 CIN of the Company
 I.24111UR1983PLC009097



ISO 9001 : 2008
 ISO 22000 : 2005



INDIA GLYCOLS LIMITED

E-1, Sector-15, GIDA, GORAKHPUR-273209 Phone : 0551-2580351, 53, 54, 55, 56, Fax : 0551-2580352

August 9th 2023

To,

The Chief Environmental Officer (Circle – VI)
 Uttar Pradesh Pollution Control Board
 TC – 12 V, VIBHUTI KHAND, GOMTI Nagar
 LUCKNOW – 226010
 Uttar Pradesh

Reference: Water Consent Order Ref. No. – 146262 / UPPCB / Gorakhpur
 (UPPCBRO) / CTO / Water / Gorakhpur / 2021 dated 03-01-2022 & Air
 Consent Order Ref. No. 146249 / UPPCB / GORAKHPUR (UPPCBRO)
 / CTO / AIR / GORAKHPUR / 2021 of dated 03-01-2022

Subject: Compliance of CTOs Conditions

Dear Sir,

The Water Consent Order Ref. No. – 146262 / UPPCB / Gorakhpur (UPPCBRO) /
 CTO / Water / Gorakhpur / 2021 dated 03-01-2022, it's mandatory condition No – 14
 directing us that " Unit shall identify recipient drains / rivulets and their upstream &
 downstream locations in consultation with UPPCB and shall carry out monthly
 monitoring of identified recipient drains at upstream & downstream location through
 recognized lab under Environment (Protection) Act, 1986 and shall submit the
 analysis report on monthly basis by 10th of every month to CPCB and UPPCB.

We have identified recipient drains upstream & downstream locations in Aarni River
 with consultation of UPPCB Regional Office Gorakhpur.

Monitoring Report of upstream & downstream locations by approved lab recognized
 under Environment (Protection) Act, 1986 for month of July, 2023 is attached as
Annexure – 1.

REGISTERED OFFICE : A-1, Industrial Area, Bazpur Road, Kashipur - 244 713, Distt. - Udham Singh Nagar (Uttarakhand)
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 Fax : 0120-3090111, 3090211, E-mail. : iglho@indiaglycols.com, URL : www.indiaglycols.com

PAN: AAACI7246P
 GSTIN: 09AAACI7246P1ZZ
 CIN of the Company
 L24111UR1983PLC009097



ISO 9001 : 2008
 ISO 22000 : 2005



INDIA GLYCOLS LIMITED

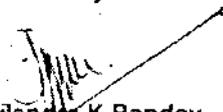
E-1, Sector-15, GIDA, GORAKHPUR-273209 Phone : 0551-2580351, 53, 54, 55, 56, Fax : 0551-2580352

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We would like to emphasize that M/s India Glycols Ltd is an environmental conscious organization and always care for environment preservation, keen to adopt / implement guidelines / directions for improvement of environment

With best regards

Yours faithfully
 M/s India Glycols Ltd


 Shalendra K Pandey
 Site Head
 Email: [Shalendra K Pandey@indiaglycols.com](mailto:Shalendra.K.Pandey@indiaglycols.com)

Enclosure - as above

CC

- Central Pollution Control Board, Parivesh Bhawan East Arjun Nagar
 Delhi - 110032
- UP PCB Regional Officer, Gorakhpur

REGISTERED OFFICE : A-1, Industrial Area, Bazpur Road, Kashipur - 244 713, Distt. - Udham Singh Nagar (Uttarakhand)
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Contact No.: 9711159210, 9810240837, 9810240678 E-mail : email@ekopro.in, ekoproengineers@gmail.com, website : www.ekopro.in

TEST REPORT

Effluent Sample Analysis

Test Report No. : EKO/E-560/060723

Issue Date : 11/07/2023

Issued To

: INDIA GLYCOLS LIMITED
E-1, Sector - 15, GIDA
Gorakhpur (U.P.)

Sample Description : Surface Water
Sample Drawn on : 05/07/2023
Sample Drawn by : EPEPL (Mr. Harish Kumar)
Sample Received on : 06/07/2023
Sampling Location : 500 Meter u/s Before confluence with Sariya Nala,
Near Village- Bharsarh, in Aami River
Sampling Plan & Procedure : SOP-W/66
Sample Quantity : 1.0 Litre
Environmental Condition : Normal
Analysis Duration : 06/07/2023 To 11/07/2023
Remark (if any) : NA

RESULTS

S. No.	Parameters	Test Method	Results	Units
1	pH	IS: 3025 (P-11)	7.12	-
2	Colour	IS: 3025 (P-4)	50.0	Hazen
3	Total Dissolved Solids	IS: 3025 (P-16)	324.0	mg/L
4	Total Suspended Solids	IS: 3025 (P-17)	27.0	mg/L
5	COD (as O ₂)	IS: 3025 (P-58)	17.2	mg/L
6	Dissolved Oxygen (DO)	IS: 3025 (P-38)	4.6	mg/L
7	BOD (@27°C for 3 days)	IS: 3025 (P-44)	3.2	mg/L

Notes :

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End of Report

For EKO PRO ENGINEERS PVT. LTD.
PURNIMA CHAUHAN
TECHNICAL MANAGER
SAVE THE ENVIRONMENT



Contact : +91 - 9810243870

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Contact No.: 9711159210, 9810240637, 9810240678 E-mail : email@ekopro.in, ekoproengineers@gmail.com, website : www.ekopro.in

TEST REPORT**Effluent Sample Analysis**

Test Report No. : EKO/E-561/060723

Issue Date : 11/07/2023

Issued To

: INDIA GLYCOLS LIMITED
E-1, Sector - 15, GIDA
Gorakhpur (U.P.)

Sample Description : Surface Water
Sample Drawn on : 05/07/2023
Sample Drawn by : EPEPL (Mr. Harish Kumar)
Sample Received on : 06/07/2023
Sampling Location : 500 Meter d/s after confluence with Sariya Nala,
Near Chhatai Road Bridge in Aarni River
Sampling Plan & Procedure : SOP-W/66
Sample Quantity : 1.0 Litre
Environmental Condition : Normal
Analysis Duration : 06/07/2023 To 11/07/2023
Remark (if any) : NA

RESULTS

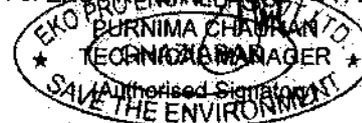
S. No.	Parameters	Test Method	Results	Units
1	pH	IS: 3025 (P-11)	7.19	-
2	Colour	IS: 3025 (P-4)	60.0	Hazen
3	Total Dissolved Solids	IS: 3025 (P-16)	350.0	mg/L
4	Total Suspended Solids	IS: 3025 (P-17)	30.0	mg/L
5	COD (as O ₂)	IS: 3025 (P-58)	19.1	mg/L
6	Dissolved Oxygen (DO)	IS: 3025 (P-38)	4.9	mg/L
7	BOD (@27°C for 3 days)	IS: 3025 (P-44)	3.4	mg/L

Notes :

- The results given above are related to the tested sample, as received & mentioned parameters.
The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- The test samples will be disposed off after 15 days from the date of issue of test report, unless until specified by the customer. Sample received for biological tests will be destroyed after 7 days from the date of issue of test report.
- Responsibility of the Laboratory is limited to the invoiced amount only.

****End of Report****

For EKO PRO ENGINEERS PVT. LTD.



M/s India Glycols Ltd. E-1 Sector – 15 GIDA GORAKHPUR, U P PIN – 273209

Monthly Data for July, 2023

S. No.	Parameters	Quantity
a.	Fresh water consumption	40391.40 m3
b.	Production	8001317.60 BL
c.	Raw material consumption - molasses	219208 qtls.
	Grains	62470 qtls.
d.	Spent wash generation	37972.0 m3
e.	SLOP generation	12693.0 m3
f.	Condensate generation	25279.0 m3
g.	Feed quantity of SLOP into incinerator	12693.0 m3
h.	Yeast sludge generation and disposal	-
i.	Boiler ash generation and disposal	-
j.	Quantity of granule generation and sold	-
k.	Quantity of spent lees generation, recycle / reuse and treatment in CPU	10677.0 m3
l.	Quantity of effluent received into CPU, details of reuse / recycle etc.	36129.0 m3
m.	Steam generation, fuel consumption	-
n.	CO2 production and sold	-

PAN : AAACI7246P
 GSTIN : 09AAACI7246P1ZZ
 CIN of the Company
 L24111UR1983PLC009097



ISO 9001 : 2008
 ISO 22000 : 2005



INDIA GLYCOLS LIMITED

E-1, Sectot-15, GIDA, GORAKHPUR-273209 Phone : 0551-2580351, 53, 54, 55, 56, Fax : 0551-2580352

Ref No **80** /IGL/GKP/2023-24

September 8th, 2023

To

The Chief Environmental Officer (Circle – VI)
 Uttar Pradesh Pollution Control Board
 TC – 12 V, VIBHUTI KHAND GOMTI Nagar
 LUCKNOW – 226010
 Uttar Pradesh

Reference Water Consent Order Ref. No. – 146262 / UPPCB / Gorakhpur (UPPCBRO) / CTO / Water / Gorakhpur / 2021 dated 03-01-2022 & Air Consent Order Ref. No. 146249 / UPPCB / GORAKHPUR (UPPCBRO) / CTO / AIR / GORAKHPUR / 2021 of dated 03-01-2022

Subject: Compliance of CTOs Conditions

Dear Sir,

The Water Consent Order Ref. No. – 146262 / UPPCB / Gorakhpur (UPPCBRO) / CTO / Water / Gorakhpur / 2021 dated 03-01-2022, it's mandatory condition No – 14 directing us that " Unit shall identify recipient drains / rivulets and their upstream & downstream locations in consultation with UPPCB and shall carry out monthly monitoring of identified recipient drains at upstream & downstream location through recognized lab under Environment (Protection) Act, 1986 and shall submit the analysis report on monthly basis by 10th of every month to CPCB and UPPCB."

We have identified recipient drains upstream & downstream locations in Aami River with consultation of UPPCB Regional Office Gorakhpur.

Monitoring Report of upstream & downstream locations by NABL Approved Lab for month of August, 2023 is attached as Annexure – 1.

REGISTERED OFFICE : A-1, Industrial Area, Bazpur Road, Kashipur - 244 713, Distt. - Udham Singh Nagar (Uttarakhand)
 Phone : +91 5947 269000 / 275320, +91 9411108202, Fax : 05947-275315, 275192

HEAD OFFICE : Plot No. 2-B, Sector-126, NOIDA - 201 304, Dist. Gautam Budh Nagar (U.P.) Tel. : 0120-3090100, 3090200
 Fax : 0120-3090111, 3090211, E-mail. : iglho@indiaglycols.com, URL : www.indiaglycols.com

GSTIN: AAACI7246P
 GSTIN: 09AAACI7246P1ZZ
 LIN of the Company
 124111UR1983PLC009097



ISO 9001 : 2008
 ISO 22000 : 2005



INDIA GLYCOLS LIMITED

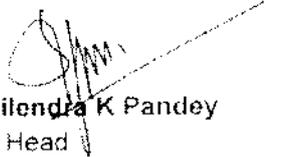
E-1, Sector-15, GIDA, GORAKHPUR-273209 Phone : 0551-2580351, 53, 54, 55, 56, Fax : 0551-2580352

As per condition of CTO, monthly record of August, 2023 is as Annexure – 2.

We would like to emphasize that M/s India Glycols Ltd is an environmental conscious organization and always care for environment preservation, keen to adopt / implement guidelines / directions for improvement of environment.

With best regards

Yours faithfully
 M/s India Glycols Ltd


Shailendra K Pandey
 Site Head
 Email- Shailendra.K.Pandey@indiaglycols.com

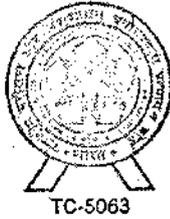
Enclosure – as above

CC

- Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi – 110032
- UPPCB Regional Officer, Gorakhpur

REGISTERED OFFICE : A-1, Industrial Area, Bazpur Road, Kashipur - 244 713, Distt. - Udham Singh Nagar (Uttarakhand)
 Phone : +91 5947 269000 / 275320, +91 9411108202, Fax : 05947-275315, 275192

HEAD OFFICE : Plot No. 2-B, Sector-126, NOIDA - 201 304, Dist. Gautam Budh Nagar (U.P.) Tel. : 0120-3090100, 3090200
 Fax : 0120-3090111, 3090211, E-mail. : iglho@indiaglycols.com, URL : www.indiaglycols.com



TC-5063

Contact : +91 - 9810243870

EKO PRO ENGINEERS PVT. LTD.Environmental Consultants and Analytical Laboratory
(An ISO 9001:2015 Certified Company)Office & Laboratory : 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009 (Delhi-NCR) INDIA.
Contact No. : 9711159210, 9810240837, 9810240678 E-mail : email@ekopro.in, ekoproengineers@gmail.com, website : www.ekopro.in**TEST REPORT****Effluent Sample Analysis**

Test Report No. : EKO/E-557/070823

Issue Date : 11/08/2023

Issued To

: INDIA GLYCOLS LIMITED
E-1, Sector - 15, GIDA
Gorakhpur (U.P.)

Sample Description

: Surface Water

Sample Drawn on

: 05/08/2023

Sample Drawn by

: EPEPL (Mr. Umesh Kumar)

Sample Received on

: 07/08/2023

Sampling Location

: 500 Meter u/s Before confluence with Sariya Nala,
Near Village- Bharsarh, in Aarni River

Sampling Plan & Procedure

: SOP-W/66

Sample Quantity

: 1.0 Litre

Environmental Condition

: Normal

Analysis Duration

: 07/08/2023 To 11/08/2023

Remark (if any)

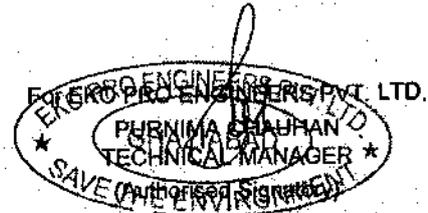
: NA

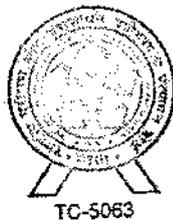
RESULTS

S. No.	Parameters	Test Method	Results	Units
1	pH	IS: 3025 (P-11)	7.18	-
2	Colour	IS: 3025 (P-4)	60	Hazen
3	Total Dissolved Solids	IS: 3025 (P-16)	330.0	mg/L
4	Total Suspended Solids	IS: 3025 (P-17)	29.0	mg/L
5	COD (as O ₂)	IS: 3025 (P-58)	17.6	mg/L
6	Dissolved Oxygen (DO)	IS:3025 (P-38)	4.4	mg/L
7	BOD (@27°C for 3 days)	IS: 3025 (P-44)	3.4	mg/L

Notes :

- The results given above are related to the tested sample, as received & mentioned parameters.
The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
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- Responsibility of the Laboratory is limited to the invoiced amount only.

****End of Report****



Contact : +91 - 9810243870

EKO PRO ENGINEERS PVT. LTD.Environmental Consultants and Analytical Laboratory
(An ISO 9001:2015 Certified Company)Office & Laboratory : 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009 (Delhi-NCR) INDIA,
Contact No.: 9711159210, 9810240837, 9810240878 E-mail : email@ekopro.in, ekoproengineers@gmail.com, website : www.ekopro.in**TEST REPORT****Effluent Sample Analysis**

Test Report No. : EKO/E-558/070823

Issue Date : 11/08/2023

Issued To

: INDIA GLYCOLS LIMITED
E-1, Sector - 15, GIDA
Gorakhpur (U.P.)

Sample Description

: Surface Water

Sample Drawn on

: 05/08/2023

Sample Drawn by

: EPEPL (Mr. Umesh Kumar)

Sample Received on

: 07/08/2023

Sampling Location

: 500 Meter d/s after confluence with Sariya Nala,
Near Chhatai Road Bridge in Aami River

Sampling Plan & Procedure

: SOP-W/66

Sample Quantity

: 1.0 Litre

Environmental Condition

: Normal

Analysis Duration

: 07/08/2023 To 11/08/2023

Remark (if any)

: NA

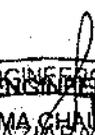
RESULTS

S. No.	Parameters	Test Method	Results	Units
1	pH	IS: 3025 (P-11)	7.24	-
2	Colour	IS: 3025 (P-4)	70	Hazen
3	Total Dissolved Solids	IS: 3025 (P-16)	354.0	mg/L
4	Total Suspended Solids	IS: 3025 (P-17)	32.0	mg/L
5	COD (as O ₂)	IS: 3025 (P-56)	19.8	mg/L
6	Dissolved Oxygen (DO)	IS: 3025 (P-38)	4.7	mg/L
7	BOD (@27°C for 3 days)	IS: 3025 (P-44)	3.6	mg/L

Notes :

- The results given above are related to the tested sample, as received & mentioned parameters.
The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
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- Responsibility of the Laboratory is limited to the invoiced amount only.

****End of Report****

For EKO PRO ENGINEERS PVT. LTD.

 PURNIMA CHAUDHARY
 TECHNICAL MANAGER
 * Authorised Signatory *
 SAVE THE ENVIRONMENT

Annexure - 2

**M/s India Glycols Ltd E – 1, Sector – 15, GIDA,
GORAKHPUR U. P**

Details for the Month of AUGUST -2023

(a) Fresh Water Consumption : **41163.03 m³**

Production: **5032347.4 B.L (2406424.8+262592206) (Molasses+ Grain)**

(b) Raw Material molasses Consumption : 105525.0 Quintals.

(c) Spent Wash Generation : 18080.0 m³

(d) Slope Generation : 6799.0 m³

(e) Condensate Generation : 15070 m³

(f) Feed Qty. of slope into incinerator : 6799 .0 m³

(g) Yeast sludge generation and disposal

(h) Boiler ash generation and disposal

(i) Quantity of granule generation and sold :

(j) Quantity of spend lees generation, recycle / reuse and treatment in CPU :

7570.0 m³

(k) Quantity of effluent received into CPU, detail of reuse/recycle etc. Received-

22640.0 m³/ Treated- 22598.0 m³ (Recycle)

(l) Steam generation, fuel consumption : Kg.

(m)CO₂ production and sold : N.A

PAN : AAACI7246P
 GSTIN : 09AAACI7246P1ZZ
 CIN of the Company
 I24111UR1983PLC009097



ISO 9001 : 2008
 ISO 22000 : 2005



INDIA GLYCOLS LIMITED

E-1, Sectot-15, GIDA, GORAKHPUR-273209 Phone : 0551-2580351, 53, 54, 55, 56, Fax : 0551-2580352
 October 9th, 2023

To,

The Chief Environmental Officer (Circle – VI)
 Uttar Pradesh Pollution Control Board
 TC – 12 V, VIBHUTI KHAND, GOMTI Nagar
 LUCKNOW – 226010
 Uttar Pradesh

Reference: Water Consent Order Ref. No – 146262 / UPPCB / Gorakhpur
 (UPPCBRO) / CTO / Water / Gorakhpur / 2021 dated 03-01-2022 & Air
 Consent Order Ref. No 146249 / UPPCB / GORAKHPUR (UPPCBRO)
 / CTO / AIR / GORAKHPUR / 2021 of dated 03-01-2022.

Subject: Compliance of CTOs Conditions

Dear Sir,

The Water Consent Order Ref. No. – 146262 / UPPCB / Gorakhpur (UPPCBRO) / CTO / Water / Gorakhpur / 2021 dated 03-01-2022, it's mandatory condition No – 14 directing us that " Unit shall identify recipient drains / rivulets and their upstream & downstream locations in consultation with UPPCB and shall carry out monthly monitoring of identified recipient drains at upstream & downstream location through recognized lab under Environment (Protection) Act, 1986 and shall submit the analysis report on monthly basis by 10th of every month to CPCB and UPPCB."

We have identified recipient drains upstream & downstream locations in Aami River with consultation of UPPCB Regional Office Gorakhpur.

Monitoring Report of upstream & downstream locations by approved lab recognized under Environment (Protection) Act, 1986 for month of **September, 2023** is attached as Annexure – 1.

REGISTERED OFFICE : A-1, Industrial Area, Bazpur Road, Kashipur - 244 713, Distt. - Udham Singh Nagar (Uttarakhand)
 Phone : +91 5947 269000 / 275320, +91 9411108202, Fax : 05947-275315, 275192

HEAD OFFICE : Plot No. 2-B, Sector-126, NOIDA - 201 304, Dist. Gautam Budh Nagar (U.P.) Tel. : 0120-3090100, 3090200

PAN : AAACI7246P
 GSTIN : 09AAACI7246P1ZZ
 CIN of the Company
 I.24111UR1983PLC009097



ISO 9001 : 2008
 ISO 22000 : 2005



INDIA GLYCOLS LIMITED

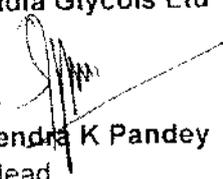
E-1, Sectot-15, GIDA, GORAKHPUR-273209 Phone : 0551-2580351, 53, 54, 55, 56, Fax : 0551-2580352

As per condition of CTO; monthly record of September, 2023 is as Annexure – 2.

We would like to emphasize that M/s India Glycols Ltd is an environmental conscious organization and always care for environment preservation, keen to adopt / implement guidelines / directions for improvement of environment.

With best regards

Yours faithfully
 M/s India Glycols Ltd


 Shailendra K Pandey
 Site Head

Email- Shailendra.K.Pandey@indiaglycols.com

Enclosure – as above

CC:

- Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi – 110032
- UPPCB Regional Officer, Gorakhpur

REGISTERED OFFICE : A-1, Industrial Area, Bazpur Road, Kashipur - 244 713, Distt. - Udham Singh Nagar (Uttarakhand)
 Phone : +91 5947 269000 / 275320, +91 9411108202, Fax : 05947-275315, 275192

HEAD OFFICE : Plot No. 2-B, Sector-126, NOIDA - 201 304, Dist. Gautam Budh Nagar (U.P.) Tel. : 0120-3090100, 3090200



EKO TESTING LABS®
Eko Pro Engineers Pvt. Ltd.
 Environmental Consultants and Analytical Laboratory
 (An ISO 9001:2015 Certified Company)

Contact : +91 - 9810243870



Office & Laboratory : 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009 (Delhi-NCR) INDIA
 Contact No. : 9711159210, 9810240837, 9810240678 E-mail : email@ekopro.in, ekoproengineers@gmail.com, website : www.ekopro.in

TEST REPORT**Effluent Sample Analysis**

Test Report No. : EKO/E-590/060923

Issue Date : 09/09/2023

Issued To

: INDIA GLYCOLS LIMITED
 E-1, Sector - 15, GIDA
 Gorakhpur (U.P.)

Sample Description : Surface Water
 Sample Drawn on : 05/09/2023
 Sample Drawn by : EPEPL (Mr. Harish Kumar)
 Sample Received on : 06/09/2023
 Sampling Location : 500 Meter u/s Before confluence with Sariya Nala,
 Near Village- Bharsarh, in Aarni River
 Sampling Plan & Procedure : SOP-W/66
 Sample Quantity : 1.0 Litre
 Environmental Condition : Normal
 Analysis Duration : 06/09/2023 To 09/09/2023
 Remark (if any) : NA

RESULTS

S. No.	Parameters	Test Method	Results	Units
1	pH	IS: 3025 (P-11)	7.21	-
2	Colour	IS: 3025 (P-4)	50	Hazen
3	Total Dissolved Solids	IS: 3025 (P-16)	325	mg/L
4	Total Suspended Solids	IS: 3025 (P-17)	27.0	mg/L
5	COD (as O ₂)	IS: 3025 (P-58)	18.2	mg/L
6	Dissolved Oxygen (DO)	IS: 3025 (P-38)	4.5	mg/L
7	BOD (@27°C for 3 days)	IS: 3025 (P-44)	3.2	mg/L

Notes :

- The results given above are related to the tested sample, as received & mentioned parameters.
The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- The test samples will be disposed off after 15 days from the date of issue of test report, unless until specified by the customer. Sample received for biological tests will be destroyed after 7 days from the date of issue of test report.
- Responsibility of the Laboratory is limited to the invoiced amount only.

****End of Report****

For EKO PRO ENGINEERS PVT. LTD.
 PURNIMA CHAUHAN
 TECHNICAL MANAGER
 SAVE THE ORIGINAL SIGNATURE



EKO TESTING LABS®
Eko Pro Engineers Pvt. Ltd.
 Environmental Consultants and Analytical Laboratory
 (An ISO 9001:2015 Certified Company)

Contact : +91 - 9810243870



Office & Laboratory : 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009 (Delhi-NCR) INDIA
 Contact No. : 9711159210, 9810240837, 9810240678 E-mail : email@ekopro.in, ekoproengineers@gmail.com, website : www.ekopro.in

TC-5083

TEST REPORT**Effluent Sample Analysis**

Test Report No. : EKO/E-581/060923

Issue Date : 09/09/2023

Issued To

: INDIA GLYCOLS LIMITED
 E-1, Sector - 15, GIDA
 Gorakhpur (U.P.)

Sample Description : Surface Water
 Sample Drawn on : 05/09/2023
 Sample Drawn by : EPEPL (Mr. Harish Kumar)
 Sample Received on : 06/09/2023
 Sampling Location : 500 Meter d/s after confluence with Sariya Nala,
 Near Chhatai Road Bride in Aarni River
 Sampling Plan & Procedure : SOP-W/66
 Sample Quantity : 1.0 Litre
 Environmental Condition : Normal
 Analysis Duration : 06/09/2023 To 09/09/2023
 Remark (if any) : NA

RESULTS

S. No.	Parameters	Test Method	Results	Units
1	pH	IS: 3025 (P-11)	7.27	-
2	Colour	IS: 3025 (P-4)	60	Hazen
3	Total Dissolved Solids	IS: 3025 (P-16)	348	mg/L
4	Total Suspended Solids	IS: 3025 (P-17)	30.0	mg/L
5	COD (as O ₂)	IS: 3025 (P-58)	21	mg/L
6	Dissolved Oxygen (DO)	IS: 3025 (P-38)	4.9	mg/L
7	BOD (@27°C for 3 days)	IS: 3025 (P-44)	3.4	mg/L

Notes :

- The results given above are related to the tested sample, as received & mentioned parameters.
The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- The test samples will be disposed off after 15 days from the date of issue of test report, unless until specified by the customer. Sample received for biological tests will be destroyed after 7 days from the date of issue of test report.
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****End of Report****

For **EKO PRO ENGINEERS PVT. LTD.**
PURNIMAZAN KHAN
TECHNICAL MANAGER
 (Authorized Signatory)

Page 1 of 1

M/s India Glycols Ltd E-1 Sector – 15 GIDA Gorakhpur, Uttar Pradesh

Details for the Month of September-2023

(a) Fresh Water Consumption	:	50147.17 m3
(b) Production	:	6265311.0 B.L
		(Molasses+ Grain ENA, Ethanol)
		(Grain – 2919228.2
		Molasses – 3346083.0)
(c) Raw Material Consumption	:	Molasses- 150737.0 Qtls
		Grain- 69300.0 Qtls
(d) Spent Wash Generation	:	24748.0 m3
(e) Slope Generation	:	9122.0 m3
(f) Condensate Generation	:	20094.0 m3
(g) Feed Qty. of slope into incinerator	:	9122.0 m3
(h) Yeast sludge generation and disposal		
(i) Boiler ash generation and disposal		
(j) Quantity of granule generation and sold	:	
(k) Quantity of spend lees generation, recycle / reuse and treatment in CPU	:	11503.0 m3
(l) Quantity of effluent received into CPU, detail of reuse/recycle etc. Received-		
		31594 m3/ Treated- 31562 m3 (Recycle)
Steam generation, fuel consumption	:	
(m) CO2 production and sold	:	N.A

PAN : AAACI7246P
 GSTIN : 09AAACI7246P1ZZ
 CIN of the Company
 I.24111UR1983PLC009097



ISO 9001 : 2008
 ISO 22000 : 2005



INDIA GLYCOLS LIMITED

E-1, Sectot-15, GIDA, GORAKHPUR-273209 Phone : 0551-2580351, 53, 54, 55, 56, Fax : 0551-2580352
 November 4th, 2023

To,

The Chief Environmental Officer (Circle – VI)
 Uttar Pradesh Pollution Control Board
 TC – 12 V, VIBHUTI KHAND, GOMTI Nagar
 LUCKNOW – 226010
 Uttar Pradesh

Reference: Water Consent Order Ref. No. – 146262 / UPPCB / Gorakhpur
 (UPPCBRO) / CTO / Water / Gorakhpur / 2021 dated 03-01-2022 & Air
 Consent Order Ref. No. 146249 / UPPCB / GORAKHPUR (UPPCBRO)
 / CTO / AIR / GORAKHPUR / 2021 of dated 03-01-2022.

Subject: Compliance of CTOs Conditions

Dear Sir,

The Water Consent Order Ref No. – 146262 / UPPCB / Gorakhpur (UPPCBRO) / CTO / Water / Gorakhpur / 2021 dated 03-01-2022, it's mandatory condition No – 14 directing us that " Unit shall identify recipient drains / rivulets and their upstream & downstream locations in consultation with UPPCB and shall carry out monthly monitoring of identified recipient drains at upstream & downstream location through recognized lab under Environment (Protection) Act, 1986 and shall submit the analysis report on monthly basis by 10th of every month to CPCB and UPPCB."

We have identified recipient drains upstream & downstream locations in Aami River with consultation of UPPCB Regional Office Gorakhpur.

Monitoring Report of upstream & downstream locations by approved lab recognized under Environment (Protection) Act. 1986 for month of **October, 2023** is attached as **Annexure – 1.**

REGISTERED OFFICE : A-1, Industrial Area, Bazpur Road, Kashipur - 244 713, Distt. - Udham Singh Nagar (Uttarakhand)
 Phone : +91 5947 269000 / 275320, +91 9411108202, Fax : 05947-275315, 275192
 HEAD OFFICE : Plot No. 2-B, Sector-126, NOIDA - 201 304, Dist. Gautam Budh Nagar (U.P.) Tel. : 0120-3090100, 3090200
 E-mail : info@india-glycols.com

PAN : AAACI7246P
 GSTIN : 09AAACI7246P1ZZ
 CIN of the Company
 L24111UR1983PLC009097



ISO 9001 : 2008
 ISO 22000 : 2005



INDIA GLYCOLS LIMITED

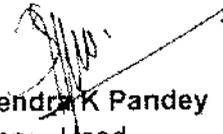
E-1, Sector-15, GIDA, GORAKHPUR-273209 Phone : 0551-2580351, 53, 54, 55, 56, Fax : 0551-2580352

As per condition of CTO; monthly record of **October, 2023 is as Annexure – 2.**

We would like to emphasize that M/s India Glycols Ltd is an environmental conscious organization and always care for environment preservation, keen to adopt / implement guidelines / directions for improvement of environment.

With best regards

Yours faithfully
 M/s India Glycols Ltd


Shailendra K Pandey
 Distillery - Head
 Email- Shailendra.K.Pandey@indiaglycols.com

Enclosure – as above

CC.

- Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi – 110032
- UPPCB Regional Officer, Gorakhpur



EKO TESTING LABS®
Eko Pro Engineers Pvt. Ltd.
 Environmental Consultants and Analytical Laboratory
 (An ISO 9001:2015 Certified Company)

Contact : +91 - 9810243870



Office & Laboratory : 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009 (Delhi-NCR) INDIA. TC-5063
 Contact No.: 9711159210, 9810240837, 9810240678 E-mail : email@ekopro.in, ekoproengineers@gmail.com, website : www.ekopro.in

TEST REPORT**Effluent Sample Analysis**

Test Report No. : EKO/E-656/061023
 Issued To

: INDIA GLYCOLS LIMITED
 E-1, Sector - 15, GIDA
 Gorakhpur (U.P.)

Issue Date : 09/10/2023

Sample Description : Surface Water
 Sample Drawn on : 05/10/2023
 Sample Drawn by : EPEPL (Mr. Umesh Kumar)
 Sample Received on : 06/10/2023
 Sampling Location : 500 Meter d/s after confluence with Sariya Nala,
 Near Chhatai Road Bride in Aami River
 Sampling Plan & Procedure : SOP-W/66
 Sample Quantity : 1.0 Litre
 Environmental Condition : Normal
 Analysis Duration : 06/10/2023 To 09/10/2023
 Remark (if any) : NA

RESULTS

S. No.	Parameters	Test Method	Results	Units
1	pH	IS: 3025 (P-11)	7.24	-
2	Colour	IS: 3025 (P-4)	50	Hazen
3	Total Dissolved Solids	IS: 3025 (P-16)	356.0	mg/L
4	Total Suspended Solids	IS: 3025 (P-17)	32.0	mg/L
5	COD (as O ₂)	IS: 3025 (P-58)	20.4	mg/L
6	Dissolved Oxygen (DO)	IS: 3025 (P-38)	4.7	mg/L
7	BOD (@27°C for 3 days)	IS: 3025 (P-44)	3.6	mg/L

Notes :

- The results given above are related to the tested sample, as received & mentioned parameters.
The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- The test samples will be disposed off after 15 days from the date of issue of test report, unless until specified by the customer. Sample received for biological tests will be destroyed after 7 days from the date of issue of test report.
- Responsibility of the Laboratory is limited to the invoiced amount only.

****End of Report****

For EKO PRO ENGINEERS PVT. LTD.
 PURNIMA ZAMRIAN
 TECHNICAL MANAGER
 (Authorized Signatory)



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 Environmental Consultants and Analytical Laboratory
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Contact : +91 - 9810243870



Office & Laboratory : 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009 (Delhi-NCR) INDIA. TC-5063
 Contact No. : 9711159210, 9810240837, 9810240678 E-mail : email@ekopro.in, ekoproengineers@gmail.com, website : www.ekopro.in

TEST REPORT**Effluent Sample Analysis**

Test Report No. : EKO/E-657/061023

Issue Date : 09/10/2023

Issued To

: INDIA GLYCOLS LIMITED
 E-1, Sector - 15, GIDA
 Gorakhpur (U.P.)

Sample Description

: Surface Water

Sample Drawn on

: 06/10/2023

Sample Drawn by

: EPEPL (Mr. Umesh Kumar)

Sample Received on

: 06/10/2023

Sampling Location

: 500 Meter u/s Before confluence with Sariya Nala,
 Near Village- Bharsarh, in Aami River

Sampling Plan & Procedure

: SOP-W/66

Sample Quantity

: 1.0 Litre

Environmental Condition

: Normal

Analysis Duration

: 06/10/2023 To 09/10/2023

Remark (if any)

: NA

RESULTS

S. No.	Parameters	Test Method	Results	Units
1	pH	IS: 3025 (P-11)	7.19	-
2	Colour	IS: 3025 (P-4)	40	Hazen
3	Total Dissolved Solids	IS: 3025 (P-16)	332.0	mg/L
4	Total Suspended Solids	IS: 3025 (P-17)	29.0	mg/L
5	COD (as O ₂)	IS: 3025 (P-58)	18.9	mg/L
6	Dissolved Oxygen (DO)	IS:3025 (P-38)	4.3	mg/L
7	BOD (@27°C for 3 days)	IS: 3025 (P-44)	3.3	mg/L

Notes :

- The results given above are related to the tested sample, as received & mentioned parameters.
The customer asked for the above tests only.
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****End of Report****

For EKO PRO ENGINEERS PVT. LTD.
 PURNIMA CHAUHAN
 TECHNICAL MANAGER
 SAVE THE ENVIRONMENT

Annexure - 2

M/s India Glycols Ltd E-1 Sector – 15 GIDA District – Gorakhpur Uttar Pradesh**Monthly Record for October, 2023**

1.	Production – Molasses Route	4182.52 KL
	Production – Grains Route	3127.43 KL
	Total Production	7309.95 KL
2.	Raw Material – Molasses consumption	16541.30 MT
	Raw Material – Grains consumption	7243.00 MT
3.	Water consumption for all activities	52445.73 m3
4.	ETP Details	
	Spent wash generation	30984.0 m3
	Feed to MEE	30984.0 m3
	SLOP Generation	10532.0 m3
	SLOP Incineration	10532.0 m3
	MEE Condensate	24915.0 m3
5.	CPU Details	
	CPU Inlet Quantity	36455.0 m3
	CPU Outlet Quantity	36455.0 m3
	CPU Treated Water Recycle	36455.0 m3
6.	DDGS Generation	950.0 MT
7.	Ash generation / Disposal as per guidelines	3540.0 MT

PAN : AAACI7246P
 GSTIN : 09AAACI7246P1ZZ
 CIN of the Company
 I.24111UR1983PLC009097



ISO 9001 : 2008
 ISO 22000 : 2005



INDIA GLYCOLS LIMITED

E-1, Sector-15, GIDA, GORAKHPUR-273209 Phone : 0551-2580351, 53, 54, 55, 56, Fax : 0551-2580352
 December 6th, 2023

To,

The Chief Environmental Officer (Circle – VI)
 Uttar Pradesh Pollution Control Board
 TC – 12 V, VIBHUTI KHAND, GOMTI Nagar
 LUCKNOW – 226010
 Uttar Pradesh

Reference: Water Consent Order Ref. No. – 146262 / UPPCB / Gorakhpur
 (UPPCBRO) / CTO / Water / Gorakhpur / 2021 dated 03-01-2022 & Air
 Consent Order Ref. No. 146249 / UPPCB / GORAKHPUR (UPPCBRO)
 / CTO / AIR / GORAKHPUR / 2021 of dated 03-01-2022.

Subject: Compliance of CTOs Conditions

Dear Sir,

The Water Consent Order Ref. No. – 146262 / UPPCB / Gorakhpur (UPPCBRO) /
 CTO / Water / Gorakhpur / 2021 dated 03-01-2022, it's mandatory condition No – 14
 directing us that " Unit shall identify recipient drains / rivulets and their upstream &
 downstream locations in consultation with UPPCB and shall carry out monthly
 monitoring of identified recipient drains at upstream & downstream location through
 recognized lab under Environment (Protection) Act, 1986 and shall submit the
 analysis report on monthly basis by 10th of every month to **CPCB** and **UPPCB**."

We have identified recipient drains upstream & downstream locations in Aami River
 with consultation of UPPCB Regional Office Gorakhpur.

Monitoring Report of upstream & downstream locations by approved lab recognized
 under Environment (Protection) Act, 1986 for month of **November, 2023** is attached
 as **Annexure – 1**.

REGISTERED OFFICE : A-1, Industrial Area, Bazpur Road, Kashipur - 244 713, Distt. - Udham Singh Nagar (Uttarakhand)
 Phone : +91 5947 269000 / 275320, +91 9411108202, Fax : 05947-275315, 275192

HEAD OFFICE : Plot No. 2-B, Sector-126, NOIDA - 201 304, Dist. Gautam Budh Nagar (U.P.) Tel. : 0120-3090100, 3090200

AN : AAACI7246P
 GSTIN : 09AAACI7246P1ZZ
 CIN of the Company
 L24111UR1983PLC009097



ISO 9001 : 2008
 ISO 22000 : 2005



INDIA GLYCOLS LIMITED

E-1, Sectot-15, GIDA, GORAKHPUR-273209 Phone : 0551-2580351, 53, 54, 55, 56, Fax : 0551-2580352

As per condition of CTO, monthly record of **November, 2023** is as **Annexure – 2**

We would like to emphasize that M/s India Glycols Ltd is an environmental conscious organization and always care for environment preservation, keen to adopt / implement guidelines / directions for improvement of environment.

With best regards

Yours faithfully

M/s India Glycols Ltd


Shailendra K Pandey

Site Head

Email- Shailendra.K.Pandey@indiaglycols.com

Enclosure – as above

CC:

- Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi – 110032
- UPPCB Regional Officer, Gorakhpur

REGISTERED OFFICE : A-1, Industrial Area, Bazpur Road, Kashipur - 244 713, Distt. - Udham Singh Nagar (Uttarakhand)
 Phone : +91 5947 269000 / 275320, +91 9411108202, Fax : 05947-275315, 275192

HEAD OFFICE : Plot No. 2-B, Sector-126, NOIDA - 201 304, Dist. Gautam Budh Nagar (U.P.) Tel. : 0120-3090100, 3090200



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Office & Laboratory : 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009 (Delhi-NCR) INDIA, TC-5063
 Contact No.: 9711159210, 9810240837, 9810240678 E-mail: email@ekopro.in, ekoproengineers@gmail.com, website: www.ekopro.in

TEST REPORT**Effluent Sample Analysis**

Test Report No. : EKO/E-581/061123

Issue Date : 09/11/2023

Issued To

: INDIA GLYCOLS LIMITED
 E-1, Sector - 15, GIDA
 Gorakhpur (U.P.)

Sample Description

: Surface Water

Sample Drawn on

: 04/11/2023

Sample Drawn by

: EPEPL (Mr. Harish Kumar)

Sample Received on

: 06/11/2023

Sampling Location

: 500 Meter u/s Before confluence with Sariya Nala,
 Near Village- Bharsarh, in Aarni River

Sampling Plan & Procedure

: SOP-W/66

Sample Quantity

: 1.0 Litre

Environmental Condition

: Normal

Analysis Duration

: 06/11/2023 To 09/11/2023

Remark (if any)

: NA

RESULTS

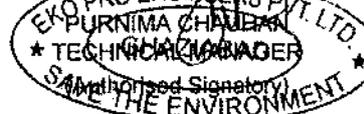
S. No.	Parameters	Test Method	Results	Units
1	pH	IS: 3025 (P-11)	7.14	-
2	Colour	IS: 3025 (P-4)	50	Hazen
3	Total Dissolved Solids	IS: 3025 (P-16)	328.0	mg/L
4	Total Suspended Solids	IS: 3025 (P-17)	27.0	mg/L
5	COD (as O ₂)	IS: 3025 (P-58)	17.4	mg/L
6	Dissolved Oxygen (DO)	IS:3025 (P-38)	4.1	mg/L
7	BOD (@27°C for 3 days)	IS: 3025 (P-44)	3.5	mg/L

Notes :

- The results given above are related to the tested sample, as received & mentioned parameters.
The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- The test samples will be disposed off after 15 days from the date of issue of test report, unless until specified by the customer. Sample received for biological tests will be destroyed after 7 days from the date of issue of test report.
- Responsibility of the Laboratory is limited to the invoiced amount only.

****End of Report****

For EKO PRO ENGINEERS PVT. LTD.





EKO TESTING LABS®
Eko Pro Engineers Pvt. Ltd.
 Environmental Consultants and Analytical Laboratory
 (An ISO 9001:2015 Certified Company)

Contact : +91 - 9810243870



Office & Laboratory : 32/41, South Side of G. T. Road, UPSIDC Industrial Area, Ghaziabad - 201 009 (Delhi-NCR) INDIA. TC-5053
 Contact No.: 9711158210, 9810240837, 9810240678 E-mail : email@ekopro.in, ekoproengineers@gmail.com, website : www.ekopro.in

TEST REPORT**Effluent Sample Analysis**

Test Report No. : EKO/E-582/061123

Issue Date : 09/11/2023

Issued To

: INDIA GLYCOLS LIMITED
 E-1, Sector - 15, GIDA
 Gorakhpur (U.P.)

Sample Description

: Surface Water

Sample Drawn on

: 04/11/2023

Sample Drawn by

: EPEPL (Mr. Harish Kumar)

Sample Received on

: 06/11/2023

Sampling Location

: 500 Meter d/s after confluence with Sariya Nala,
 Near Chhatai Road Bridge in Aami River

Sampling Plan & Procedure

: SOP-W/66

Sample Quantity

: 1.0 Litre

Environmental Condition

: Normal

Analysis Duration

: 06/11/2023 To 09/11/2023

Remark (if any)

: NA

RESULTS

S. No.	Parameters	Test Method	Results	Units
1	pH	IS: 3025 (P-11)	7.19	-
2	Colour	IS: 3025 (P-4)	60	Hazen
3	Total Dissolved Solids	IS: 3025 (P-16)	350.0	mg/L
4	Total Suspended Solids	IS: 3025 (P-17)	30.0	mg/L
5	COD (as O ₂)	IS: 3025 (P-58)	19.1	mg/L
6	Dissolved Oxygen (DO)	IS:3025 (P-38)	4.5	mg/L
7	BOD (@27°C for 3 days)	IS: 3025 (P-44)	3.8	mg/L

Notes :

- The results given above are related to the tested sample, as received & mentioned parameters.
The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- The test samples will be disposed off after 15 days from the date of issue of test report, unless until specified by the customer. Sample received for biological tests will be destroyed after 7 days from the date of issue of test report.
- Responsibility of the Laboratory is limited to the invoiced amount only.

****End of Report****

For EKO PRO ENGINEERS PVT. LTD.

EKO PRO ENGINEERS PVT. LTD.
 PURNIMA CHAUHAN
 * TECHNICAL MANAGER *
 SAVE THE ENVIRONMENT

Page 1 of 1

M/s India Glycols Ltd. E-1, Sector-15, GIDA, GORAKHPUR, U.P.			
Record for November - 2023			
Sr. No.	Parameters	Unit	Quantity
A	Production		
1	By Molasses	BL	2673913
2	By Grains	BL	3089377.2
	Total	BL	5763290.2
B	Raw Material		
i	Molasses	Qtls	122612
ii	Grains	Qtls	61890
C	Waste Management		
a	Spent wash generation	m3	20194
b	spent wash feed to MEE	m3	20194
c	SLOP Generation	m3	7281
d	SLOP Incineration	m3	7281
e	Condensate generation	m3	16876
f	CPU Feed	m3	27485
g	CPU Outlet	m3	27448

PAN : AAACI7246P
 GSTIN : 09AAACI7246P1ZZ
 CIN of the Company
 L24111UR1983PLC009097



ISO 9001 : 2008
 ISO 22000 : 2005



INDIA GLYCOLS LIMITED

E-1, Sectot-15, GIDA, GORAKHPUR-273209 Phone : 0551-2580351, 53, 54, 55, 56, Fax : 0551-2580352

Date: 8th Jan.2024

To

The Chief Environmental Officer (Circle – VI)

Uttar Pradesh Pollution Control Board

LUCKNOW

Reference: Water Consent Ref. No. 146262 / UPPCB / GORAKHPUR (UPPCBRO) / CTO / Water / GORAKHPUR / 2021 dated 03-01-2022 and Air Consent Ref. No. 146249 / UPPCB / GORAKHPUR (UPPCBRO) / CTO / Air / GORAKHPUR /2021 dated 03-01-2022.

Subject: Compliance of CTOs Conditions.

Dear Sir,

Unit is directed vide Water Consent order, Mandatory Condition No. 14 "Unit shall identify recipient drain / rivulets and their upstream and downstream location in consultation with Uttar Pradesh Pollution Control Board and shall carry out monthly monitoring of identified recipient drain at upstream and downstream location through recognized lab under Environment (Protection) Act, 1986 and shall submit the analysis report on monthly basis by 10th of every month to Central Pollution Control Board and Utt00144a3r Pradesh Pollution Control Board.

We have identified recipient drain upstream and downstream in Aami River with consultation of Uttar Pradesh Pollution Control Board Regional Office Gorakhpur.

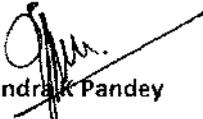
Monitoring /Analysis Report of upstream and downstream by NABL Approved Lab for month of December, 2023 is attached as Annexure – 1.

As per CTOs condition, monthly record for December, 2023 is attached as Annexure – 2.

With best regards,

Yours faithfully

for India Glycols Ltd.


 Shailendra K. Pandey

Head – Distillery

(Shailendra.K.Pandey@indiaglycols.com)

REGISTERED OFFICE : A-1, Industrial Area, Bazpur Road, Kashipur - 244 713, Distt. - Udham Singh Nagar (Uttarakhand)
 Phone : +91 5947 269000 / 275320, +91 9411108202, Fax : 05947-275315, 275192

HEAD OFFICE : Plot No. 2-B, Sector-126, NOIDA - 201 304, Dist. Gautam Budh Nagar (U.P.) Tel. : 0120-3090100, 3090200
 Fax : 0120-3090111, 3090211, E-mail. : iglho@indiaglycols.com, URL : www.indiaglycols.com



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TC-5063

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Eko Pro Engineers Pvt. Ltd.

Contact : +91 - 9810243870

Competence | Quality | Service

TEST REPORT

Effluent Sample Analysis

Test Report No. : EKO/E-618/061223

Issue Date : 08/12/2023

Issued To

: INDIA GLYCOLS LIMITED
E-1, Sector - 15, GIDA
Gorakhpur (U.P.)

Sample Description

: Surface Water

Sample Drawn on

: 05/12/2023

Sample Drawn by

: EPEPL (Mr. Harish Kumar)

Sample Received on

: 06/12/2023

Sampling Location

: 500 Meter d/s after confluence with Sariya Nala,
Near Chhatal Road Bridge in Aarni River

Sampling Plan & Procedure

: SOP-W/66

Sample Quantity

: 1.0 Litre

Environmental Condition

: Normal

Analysis Duration

: 06/12/2023 To 09/12/2023

Remark (if any)

: NA

RESULTS

S. No.	Parameters	Test Method	Results	Units
1	pH	IS: 3025 (P-11)	7.22	-
2	Colour	IS: 3025 (P-4)	50	Hazen
3	Total Dissolved Solids	IS: 3025 (P-16)	354.0	mg/L
4	Total Suspended Solids	IS: 3025 (P-17)	28.0	mg/L
5	COD (as O ₂)	IS: 3025 (P-58)	19.9	mg/L
6	Dissolved Oxygen (DO)	IS:3025 (P-38)	4.6	mg/L
7	BOD (@27°C for 3 days)	IS: 3025 (P-44)	3.7	mg/L

Notes :

- The results given above are related to the tested sample, as received & mentioned parameters.
The customer asked for the above tests only.
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- Responsibility of the Laboratory is limited to the invoiced amount only.

End of Report





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Contact : +91 - 9810243670

Competence | Quality | Service

TEST REPORT

Effluent Sample Analysis

Test Report No. : EKO/E-619/061223

Issue Date : 09/12/2023

Issued To

: INDIA GLYCOLS LIMITED
E-1, Sector - 15, GIDA
Gorakhpur (U.P.)

Sample Description

: Surface Water

Sample Drawn on

: 05/12/2023

Sample Drawn by

: EPEPL (Mr. Harish Kumar)

Sample Received on

: 06/12/2023

Sampling Location

: 500 Meter u/s Before confluence with Sariya Nala,
Near Village- Bharsarh, in Aami River

Sampling Plan & Procedure

: SOP-W/66

Sample Quantity

: 1.0 Litre

Environmental Condition

: Normal

Analysis Duration

: 06/12/2023 To 09/12/2023

Remark (if any)

: NA

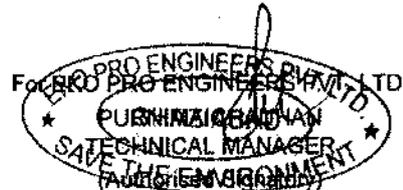
RESULTS

S. No.	Parameters	Test Method	Results	Units
1	pH	IS: 3025 (P-11)	7.19	-
2	Colour	IS: 3025 (P-4)	40	Hazen
3	Total Dissolved Solids	IS: 3025 (P-16)	338.0	mg/L
4	Total Suspended Solids	IS: 3025 (P-17)	25.0	mg/L
5	COD (as O ₂)	IS: 3025 (P-58)	18.8	mg/L
6	Dissolved Oxygen (DO)	IS:3025 (P-38)	4.3	mg/L
7	BOD (@27°C for 3 days)	IS: 3025 (P-44)	3.3	mg/L

Notes :

- The results given above are related to the tested sample, as received & mentioned parameters.
The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
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- Responsibility of the Laboratory is limited to the invoiced amount only.

End of Report



Page 1 of 1

M/s India Glycols Ltd.

E-1, Sector – 15, GIDA

District – Gorakhpur, Uttar Pradesh

Monthly Record for December, 2023

S. No.	Particulars	Quantity
1.	Production – Molasses Based Distillery Plant	5087643.0 BL
2.	Production – Grains Based Distillery Plant	2958508.7 BL
3.	Total Production	8046152.5 BL
4.	Molasses consumption	211809.0 quintals
5.	Grains Consumption	62790.0 quintals
6.	Water Consumption	52633.0 m3
7.	Spent wash generation	36573.0 m3
8.	Spent wash feed to MEE	36573.0 m3
9.	SLOP generation	12142.0 m3
10.	SLOP incineration	12142.0 m3
11.	MEE Condensate generation	29951.0 m3
12.	CPU Feed	42703.0 m3
13.	CPU Treated water recycle	42671.0 m3

Annexure-R-13


CSR Expenditure related to M/s India Glycols Ltd E-1 Sector - 15 GIDA Gorakhpur

Sr. No.	FY	Particular	Place	Expenditure (Amount in Rs.)
1	2020-21	Health care & Sanitation	Gorakhpur	30,13,154
2	2020-21	Promoting education	Gorakhpur	11,750
		Total		30,24,904
1	2021-22	Health care & Sanitation (PSA Oxygen Gas Plants)	Gorakhpur	38,46,989
		Total		38,46,989
1	2022-23	Health care Activities	Gorakhpur	1,39,864
2	2022-23	Promoting education	Gorakhpur	49,33,336
3	2022-23	Environment and Sustainability	Gorakhpur	1,00,000
4	2022-23	Disaster Management	Gorakhpur	16,45,468
		Total		68,18,668
		All Three Years Expenditure		1,36,90,561


CER Expenditure related to M/s India Glycols Ltd E-1 Sector - 15 GIDA Gorakhpur

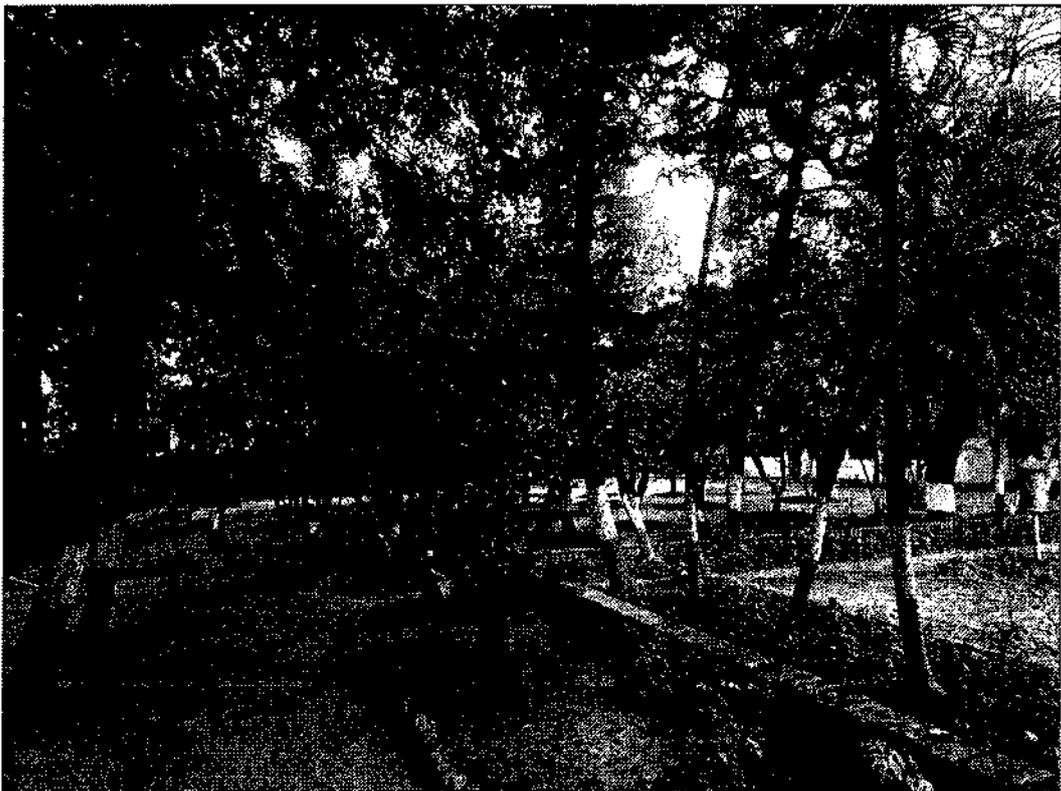
Sr. No.	FY	Particular	Expenditure In Rs. lacs.)	(Amount
1	2022-2023	Operation & Maintenance expenses on MEE	400	
2		Operation & Maintenance expenses on STP		
3	2022-2023	Operation & Maintenance expenses on CPU		
4	2022-2023	Operation & Maintenance expenses on Incineration boiler CBL1	99	
5	2022-2023	Operation & Maintenance expenses on Incineration Boiler CBL 2		
6	2022-2023	Operation & Maintenance expenses on Incineration Boiler CBL 3		
		Total	499	
1		Installation & Project Cost on MEE	800	
2		Installation & Project Cost on Incineration boiler CBL 2; including ESP and Stack	6,511	
3		Installation & Project Cost on Incineration boiler CBL 3; including ESP and Stack		
4		Installation & Project cost on CPU, including civil cost for Tanks	643	
5		Installation & Project Cost on EME	950	
6		Installation & Project Cost on Dryer	0	
7		STACK-1&2 SPM, Grain MEE Flow Mtrs ,Borewell Flow Meters, Ground water Device	53	
8		Installation & Project cost on STP - 25 KLD for sewage treatment / utilization	20	
		Total	8,977	
		Grand Total	9476	
CER Exp. Rupees Ninty Four Crore Seventy Six Lac				

M/s India Glycols Ltd E-1 Sector - 15 GIDA GORAKHPUR - 244713, U.P

Details of Flyash Generation & Disposal					
Month	Ash Generation (M.T.)	Ash Disposal (M.T.)			Total
		In Road Construction/etc (FOC)	As Fertilizer		
April.2022	3315.1	2432.66	882.66		3315.1
May.2022	4630.5	3425.31	1205.19		4630.5
June.2022	4978.1	2272.92	2705.18		4978.1
July.2022	5692.3	4765.1	927.2		5692.3
August.2022	1442.7	1442.7			1442.7
September.2022	0				0
October.2022	3042.4	2595.74	446.66		3042.4
November.2022	1803.1	40.76	1762.34		1803.1
December.2022	3274.5	2625.47	649.03		3274.5
January.2023	5311.5	4024.97	1286.53		5311.5
February.2023	4958.8	3221.65	1737.15		4958.8
March.2023	5093.8	3362.93	1730.87		5093.8
Total	43542.8	30210.21	13332.81		43542.8

M/s India Glycols Ltd E-1 Sector - 15 GIDA, GORAKHPUR - 273209

Month	Ash Generation (M.T.)		Ash Disposal (M.T.)		Total
	Ash Generation (M.T.)		In Road Construction/etc (FOC)	As Fertilizer	
April.2023	1875.4		0	1856.69	1856.69
May.2023	4656.8		3774	882.49	4656.49
June.2023	4068.7		3337	731.35	4068.35
July.2023	6589.1		6589	0	6589
August.2023	2517.3		2165	352.18	2517.18
September.2023	3226.2		3200.5	25.55	3226.05
October.2023	3541.8		3511	29.22	3540.22
November.2023	2555.8		1759	796.84	2555.84
December.2023	3237.3		2407	830.9	3237.9
Total	32268.4		26742.5	5505.22	32247.72























Annexure-2-15



NOIDA TESTING LABORATORIES

(A Government of India Approved Testing Laboratory)

(An ISO : 9001 : 2015, ISO 45001 : 2018 (OH&S) Certified & NABL Accredited Laboratory)

MoEF & CC (Ministry of Environment, Forest & Climate Change), UPPCB Recognized Laboratory

+91-9313611642, 8510081921, 7503031145, 8527870572, 7503031146, 9999794369

TEST CERTIFICATE

Issued To: M/s. India Glycols Limited	Report Code : W-231223-020
Address: At GIDA Industrial Area, Phase - 1, Sahjanwa, Gorakhpur, U. P	ULR No. : TC6814230000019921F
	Test Report of : Water
	Service Request No. : NTL/SRF/12/23-018
	Service Request Date : 21/12/2023
	Report Issue Date : 28/12/2023

SAMPLING & ANALYSIS DATA

Sample Description	: Ground Water
Sample Drawn By	: Mr. Sonu (NTL Representative)
Sample Drawn On	: 22/12/2023
Sample Received On	: 23/12/2023
Sample Quantity	: 2.0 Liter + 500 mL
Sample Packaging Details	: In a Sealed Plastic Bottle and a Sealed Sterilized Glass Bottle
Sampling Location	: Bore well No. - 01
Analysis Duration	: 23/12/2023 to 28/12/2023

MICROBIOLOGICAL REQUIREMENT

RESULTS				
S. No.	Parameter	Test Method	Results	Required as per IS-10500:2012
1.	<i>Escherichia coli</i>	IS:15185	Absent	Absent/100ml
2.	<i>Coliform Bacteria</i>	IS:15185	Absent	Absent/100ml

ORGANOLEPTIC & PHYSICAL PARAMETERS

S. No.	Parameter	Test method	Result	Unit	Requirement (Acceptable Limit)	Permissible Limit in absence of alternate source
1.	Colour	IS-3025(P-04)	BDL (<1.0)	Hazen	5	15
2.	Odour	IS-3025(P-05)	Agreeable	-	Agreeable	Agreeable
3.	Taste	IS-3025(P-07 & 08)	Agreeable	-	Agreeable	-
4.	Turbidity	IS-3025(P-10)	0.76	NTU	1	5
5.	pH value	IS-3025(P-04)	7.25	-	6.5-8.5	-
6.	Total Dissolve Solid (TDS)	IS-3025(P-16)	380	mg/l	500	2000

GENERAL PARAMETERS CONCERNING SUBSTANCES UNDESIRABLE IN EXCESSIVE AMOUNTS

S. No.	Parameter	Test method	Result	Unit	Requirement (Acceptable Limit)	Permissible Limit in absence of alternate source
1.	Aluminum (as Al)	IS: 3025 (P- 55)	BDL(DL-0.01)	mg/l	0.03	0.2
2.	Total Ammonia	IS: 3025 (P- 34)	BDL(DL-0.1)	mg/l	0.5	No Relaxation
3.	Anionic surface Detergents(as MBAS)	Annex K of IS-13428	BDL(DL-0.1)	mg/l	0.2	1.0
4.	Barium (as Ba)	IS: 15302	BDL(DL-0.1)	mg/l	0.7	No Relaxation
5.	Boron (as B)	IS: 3025 (P- 57)	BDL(DL-0.1)	mg/l	0.5	1.0
6.	Calcium (as Ca)	IS: 3025 (P- 40)	64.12	mg/l	75	200
7.	Chloramines (as Cl ₂)	IS: 3025 (P- 26)	BDL(DL-1.0)	mg/l	4.0	No Relaxation
8.	Chloride (as Cl)	IS: 3025 (P- 32)	21.80	mg/l	250	1000

Laboratory : GT-20, Sector-117, NOIDA, Gautam Budh Nagar - 201301

Branch Office :

HARIDWAR | RUDRAPUR | CHANDIGARH | DEHRADUN | PUNE

E : noida.laboratory@gmail.com, info@noidalabs.com W : www.noidalabs.com



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Analyzing for an Assured Future

+91-9313611642, 8510081921, 7503031145, 8527870372, 7503031146, 9999794369

TEST CERTIFICATE

S. No.	Parameter	Test method	Result	Unit	Requirement (Acceptable Limit)	Permissible Limit in absence of alternate source
9.	Copper (as Cu)	IS: 3025 (P-42)	BDL(DL-0.01)	mg/l	0.05	1.5
10.	Fluoride (as F)	IS: 3025 (P-60)	0.12	mg/l	1.0	1.5
11.	Free Residual Chlorine	IS: 3025 (P-26)	BDL(DL-0.2)	mg/l	0.2	1.0
12.	Iron (as Fe)	IS: 3025(P-52)	0.215	mg/l	1.0	No Relaxation
13.	Magnesium (as Mg)	IS: 3025 (P-46)	16.80	mg/l	30	100
14.	Manganese (as Mn)	Clause 35 of IS 3025	BDL(DL-0.01)	mg/l	0.1	0.3
15.	Mineral Oil	Clause 6 of IS: 3025	BDL(DL-0.5)	mg/l	0.5	No Relaxation
16.	Nitrate (as NO ₃)	IS: 3025 (P- 34)	3.16	mg/l	45	No Relaxation
17.	Selenium (as Se)	IS: 3025 (P- 56)	BDL(DL-0.01)	mg/l	0.01	No Relaxation
18.	Silver (as Ag)	Annex J IS: 13428	BDL(DL-0.01)	mg/l	0.1	No Relaxation
19.	Sulphate (as SO ₄)	IS: 3025 (P- 24)	28.50	mg/l	200	400
20.	Sulphide(as H ₂ S)	IS-3025 (P-29)	BDL(DL-0.05)	mg/l	0.05	No Relaxation
21.	Alkalinity (as Ca CO ₃)	IS: 3025 (P- 23)	189.0	mg/l	200	600
22.	Total Hardness (as CaCO ₃)	IS: 3025 (P- 23)	165.0	mg/l	200	600
23.	Zinc (as Zn)	IS: 3025 (P- 49)	0.210	mg/l	5.0	15

Parameters Concerning Toxic Substances:

S. No.	Parameter	Test method	Result	Unit	Requirement (Acceptable Limit)	Permissible Limit in absence of alternate source
1.	Cadmium (as Cd)	IS-3025(P-41)	ND	mg/l	0.003	No Relaxation
2.	Cyanide (as CN)	IS-3025(P-27)	ND	mg/l	0.05	No Relaxation
3.	Lead (as Pb)	IS-3025(P-47)	ND	mg/l	0.01	No Relaxation
4.	Mercury (as Hg)	IS-3025(P-48)	ND	mg/l	0.001	No Relaxation
5.	Molybdenum (Mo)	IS-3025(P-2)	ND	mg/l	0.07	No Relaxation
6.	Nickel (as Ni)	Annex L of IS-13428	ND	mg/l	0.02	No Relaxation
7.	Polynuclear Aromatic	APHA 6440	ND	mg/l	0.0001	No Relaxation
8.	Poly chlorinated biphenyl	APHA 6630	ND	mg/l	0.0005	No Relaxation
9.	Arsenic (as As)	IS-3025(P-37)	ND	mg/l	0.01	No Relaxation
10.	Total Chromium (as Cr)	Annex J of IS-13428	ND	mg/l	0.05	No Relaxation

*Remark - ND-Not Detected, BDL- Below Detection Limit

Notes:

- The results given above are related to the tested sample, as received & mentioned parameters. The customer asked for the above tests only.
- Responsibility of the Laboratory is limited to the invoiced amount only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the laboratory
- The test samples will be disposed off after two weeks from the date of issue of test report, unless until specified by the customer

Checked by

AUTHORIZED SIGNATORY



Laboratory : GT-20, Sector-117, NOIDA, Gautam Budh Nagar - 201301

Branch Office :

HARIDWAR | RUDRAPUR | CHANDIGARH | DEHRADUN | PUNE

E.: noida.laboratory@gmail.com, info@noidalabs.com W.: www.noidalabs.com

← Annexure R-17

**INDIA GLYCOLS LIMITED, E-1, SECTOR – 15, GIDA,
GORAKHPUR – 273209, UTTAR PRADESH**



INTRODUCTION:

India Glycols Limited is a leading company that manufactures green technology based bulk, speciality and performance chemicals and natural gums, spirits, industrial gases, sugar and nutraceuticals.

India Glycols Limited; set up a distillery plant & obtained Environmental Clearance from Ministry of Environment & Forest, Government of India vide File No. J-11011/198/2005-IA.II (I) Dt. 22nd Aug. 2005 for alcohol production of 200 Kilo Litre per day, and further ETP Scheme revised vide File No. J-11011/198/2005-IA.II (I) Dt. 10th Feb. 2006.

ETP Scheme revised on undertaking given with assurance as "if new technology (MEE + Incineration) installed does not work to the satisfaction of SPCB / CPCB / MOEF and does not meet the Standards stipulated; the project authorities shall close down the plant immediately.

In year 2006; new emerges technology i.e. Multi Effect Evaporator (MEE) for concentration of spent wash along with specifically designed incineration boiler for burnt of concentrated spent wash of MEE and achieving ZLD working with satisfaction of SPCB / CPCB / MOEF and meeting all the Standards stipulated.

India Glycols Limited (IGL) E – 1 Sector – 15, Gorakhpur Industrial Development Authority (GIDA) is situated on the National Highway (NH-28) near Sahjanwa, District Gorakhpur, Uttar Pradesh State.

India Glycols Limited is a limited company vide Registration Number: UPFA59002573.

The geographical location of the India Glycols Limited Latitude: 26.765844 & Longitude: 83.364944; Nearest recipient water body of GIDA drain is Aami River which approximately is 5 km away from plant location. It is a tributaries of River Rapti which meets River Ghaghara and Ghaghara River ultimately meets River Ganga at a distance of approximately 260 KM away from Plant Location.

In the year 2005 – 2006, India Glycols Limited has established & commissioned a standalone 200 KLPD distillery plant supplied by Naranlala Metal Works Ltd. based on Batch Fermentation and Multi Pressure Distillation (MPR) to produce alcohol from molasses.

In the year 2021, Certificate of No Increase in Pollution Load granted by Uttar Pradesh Pollution Control Board (UPPCB) vide letter No. 12/UPHOC6/EIA/GORAKHPUR/2021 Dt. 01.07.2021 in compliance of Notification issued by MOEF&CC vide S.O. 980 (E) 2nd March 2021 for increase in production capacity (from 200 KLPD to 260 KLPD) by change in raw material mix from molasses to molasses & grains.

Registered Office -

India Glycols Limited, Plot No: A – 1, Industrial Area, Bazpur Road, Kashipur – 244713, District – Udham Singh Nagar, Uttarakhand.

Phone: 5947 269000, 5947 269500, 5947 275320

Fax: 5947 275315, 5947 269535

Head Office -

India Glycols Limited, Plot No: 2 B, Sector – 126, NOIDA – 201304, District – Gautam Budh Nagar, Uttar Pradesh

Phone: 120 6860000, 120 3090100, 120 3090200

Fax: 120 3090111, 120 3090211

SALIENT FEATURES

- 1: Unit is alcohol producing unit with 260 kl per day production capacity.
- 2: Unit was set up in year 2005-2006 and since inception unit is in continuous operation and producing Rectified Spirit (RS), Extra Neutral Alcohol (ENA), Absolute Alcohol (AA)/ Country Liquor (CL), Indian Made Foreign Liquor (IMFL) and Electricity / Power.

- 3: Unit is making contribution in the enhancement of the socio – economic status of surrounding populace by providing direct / indirect employment.
- 4: Unit has adopted advanced technology for alcohol production based on Fed Batch Fermentation, Multi Pressure Distillation with Re-boilers & getting approximately 9 – 10 % v/v alcohol production with reduction in spent wash generation at source at the tune of 7.5 – 8.0 KL per KL of alcohol production.
- 5: Unit has adopted jacketed fermenter cooling system along with PHE for the reduction in water consumption & water conservation. Unit is not using external cooling system in fermentation.
- 6: Unit has Decanter for solid separation from fermenters washings and decanted portion is recycle to distillation for alcohol recovery. Solid obtained from decantation becomes nutrient rich which is used by farmers as manure.
- 7: Unit has adopted latest technology for achieving the status of zero Liquid Discharge for the spent wash generated from distillation process. Unit has installed five effect Multi Effect Evaporator (MEE) evaporator for concentration of spent wash and concentrated spent wash which is also termed as SLOP is incinerated in the Incineration Boiler. Unit is maintaining the status of Zero Liquid Discharge (ZLD) since inception of technology.
- 8: Effluent generated from other streams such as MEE Condensate, Spent Lees, Cooling Tower Blow Down, Boiler Blow Down, is being treated through Condensate Polishing Unit (CPU) and is being recycled for meeting the various requirements in process and utilities.
- 9: Surplus electricity / power i.e. 8 MW per hour export to UPPCL grid under the agreement signed between Unit and UPPCL.
- 10: Unit is always complying with stipulated conditions of UPPCB/CPCB/MOEF&CC & compliance report submitted regular well with time as per condition.
- 11: Unit has valid Air Consent under Section 21/22 of Air (Prevention and Control of Pollution) Act, 1981 and Water Consent under Section 25 / 26 of Water (Prevention and Control of Pollution) Act, 1974 and regular compliance / progress report is being submitted to UPPCB & CPCB.
- 12: Environmental Statement for every financial year ending on 31st March dully filled in Form V is being submitted to UPPCB, LUCKNOW and Regional Office, Gorakhpur.

- 13: As per the requirement of concerned regulatory authorities, unit has adopted the practice of periodical sampling / monitoring of various environmental parameters by NABL approved lab and test report is being submitted well within time to UPPCB/CPCB/MOEF&CC.
- 14: As per Consent Conditions, UNIT has separate drain for storm water.
- 15: As per EC Conditions, green belt has been developed inside & outside of the industry with the consultation of local DFO to improve the ambient air quality of surrounding. Total area of plantation / green belt is approximately >15 acre.
- 16: Unit has installed Online Monitoring System for PM Emission from incineration boilers. For flow monitoring of spent wash generation, Evaporator Inlet & Outlet, whole stillage generation, Thick Syrup to Dryer in Grains Distillery. Electromagnetic/Mass Flow Meters has been installed as per the requirement of regulatory authority and required flow meters are connected with the server of UPPCB/CPCB. As per requirement of regulatory authorities for image sharing from various strategic locations such as spent wash storage Lagoon, Incineration Boilers, Final Discharge Point, DDGS Handling Area night vision , high resolution PTZ web camera has been installed and connected with server of UPPCB/CPCB .

ZERO LIQUID DISCHARGE SCHEME -

India Glycols Ltd. Set up distillery plant based on Batch Fermentation and Multi Pressure Distillation (MPR) to produce RS/ENA/AA and falls under GPI category as per CPCB categorization. Zero Liquid Discharge scheme adopted for waste management under the ZLD Scheme; Standalone MEE installed for concentration of spent wash followed by Incineration boilers & CPU & STP installed for sewage.

Zero Liquid Discharge by the above system and details are as -

GENERAL DESCRIPTION OF THE MULTI EFFECT EVAPORATOR (MEE) PLANT:

Feed is received in a level controlled balance tank and passed through pre-heaters, CALANDRIAS and vapor separators of various effects. The evaporation takes place under vacuum, which is maintained mainly by vacuum system. Steam is supplied as a heating medium to high heater and through thermal vapor recompression (TVR) to the first effect jacket. The concentrated product at the desired concentration is continuously taken out from the plant.

The evaporating plant comprises of the following equipment:

- **BALANCE TANK:**

Quantity : 1 No.
Capacity: 1000 L
MOC: SS 316

It is fitted with feed inlet connection along with a float, operated valve to maintain the liquid level in the tank and outlet connection.

The balance tank is provided with SS legs fitted with SS ball feet for height adjustment.

▪ **INLINE FILTER (TWIN):**

Quantity : 1 Set
MOC: SS 316

This will filter the liquor to remove the foreign suspended particles. It is fitted in line with the balance tank and evaporator with necessary valves and fittings.

▪ **FEED PUMP:**

Quantity : 1 No. (+1 No Stand by)
MOC : All the contact parts with liquid are of SS316

This is a centrifugal pump with sanitary design and SS mechanical shaft seal capable of pumping the required feed rate. The pump has sealing arrangement with stuffing box and coupled to an electric motor. The pump is complete with SS shroud and SS inlet/outlet ending in SS union of DIN standard.

▪ **GRADUATED FLOW CONTROL VALVE:**

Quantity : 1 No.
MOC : SS 316

This will be used for accurate control of the feed rate. The valve will be complete with SS union connections.

▪ **HIGH HEATER & FLASH VESSEL:**

Quantity: 1 Set.
Type: Shell and Tube
MOC: Tubes – SS – 316 (CLIENT SCOPE)
Shell – SS 304

For heating the feed up to the required temperature the heater is provided with an automatic temperature control system, so as to regulate the steam supply based on the product temperature required.

▪ **PRE-HEATERS:**

Type : Straight tube type
Quantity: 5 Nos.
MOC: Tubes – SS 316 (CLIENT SCOPE)
Shell – SS 304

They are of straight tube in SS construction for heating the feed by means of vapour from all effects and the condenser of the plant.

▪ **CALANDRIAS:**

Quantity: 5 Nos.
 MOC : Tubes – SS 316 (CLIENT SCOPE)
 Shell – SS 304

CALANDRIAS have bunch of tubes welded or expanded to the tube plates in a vertical shell and provided with efficient distribution assembly on top for even distribution of feed over the tubes. The bottom of the CALANDRIA is made as a container to receive the concentrate and a connection for VAPOUR duct leading to VAPOUR separator.

CALANDRIAS are provided with quick detachable top and bottom covers for visual inspection/manual cleaning, a MS sight glass (fitted with toughened glass) at the bottom of the jacket to monitor the condensate level and necessary connections for steam VAPOUR condensate, non-condensable, air vent, product inlet, concentrate outlet, etc.

The first effect CALANDRIA are insulated with mineral wool/rock wool mates of thickness 50 mm and cladded with Al. sheet. CALANDRIAS for other effects are generally designed according to the CALANDRIAS for the preceding effects but excluding insulation and cladding.

▪ **VAPOUR SEPARATORS:**

Quantity: 5 Nos.
 Capacity: As per specified evaporation rate
 MOC: SS 316

Vapor separators, separate the VAPOUR from concentrate and are normally placed in front of the CALANDRIAS. These are connected to receiver, bottom of the CALANDRIAS with a tangential inlet and a central top outlet VAPOUR duct. The separator is complete with the following fittings and accessories:

- 1 No. MS quick open able man-way/hand hole located on the vertical portion of the shell.
- 1 No. Sight glass
- 1 No. Light glass
- 1 Set for dial thermometer, temperature sensors and vacuum gauge.
- 1 No. MS Concentrate outlet at the bottom, ending in MS union.

▪ **CONDENSER:**

Quantity : 1 No.
 Type: Shell & Tube type
 Capacity : As per specified evaporation rate
 MOC: SS – 304 (TUBES - CLIENT SCOPE)

They have a bunch of SS tubes mounted in a vertical shell. This can be of four passes. The water is circulated in the tubes and VAPOUR gets condensed on the shell side. The condenser is complete with following fittings and accessories:

- Water inlet and outlet connection with matching flanges
- 1 No. Sight glass.

▪ **CONCENTRATE PUMP:**

Quantity : 7 Nos. + 1 No. Stand by
 MOC : SS 316
 Type : Centrifugal

These pumps are of adequate capacity to pump the feed through the CALANDRIAS and its separators to the next effect. The pumps are supplied with suitable horsepower rating motors. The concentrate pumps have the description as that of feed pump.

▪ **CONDENSATE PUMP:**

Quantity : 1 No.
 MOC : SS 316
 Type : Centrifugal

Extracting out condensate from all effects the construction is similar to concentrate pumps.

▪ **VACUUM PUMP:**

Quantity : 1 No. (+ 1 No. additional)
 MOC : Casing: CI with SS sleeves, Cover: CI, Rotor: SS

This pump is of liquid ring water sealed type coupled to an electric motor of suitable rating through a flexible coupling. The pump has sufficient capacity to achieve the required vacuum in the plant.

▪ **VAPOUR DUCT:**

QUANTITY : 1 SET
 MOC : SS - 304

This is made of suitable thickness stainless steel for interconnecting the thermal vapour re-compressor, calandrias, vapour separators and condenser. The duct between the vapour re-compressor and the first effect calandria is insulated and clad with MS sheet.

▪ **SEAL WATER TANK:**

Capacity : 100 L
 Quantity : 1 No.
 MOC : SS - 304

Seal water tank is provided along with water inlet connection with float valve and outlet connection with valve. The function is to supply seal water for all SS pumps.

▪ **INSTRUMENTATION :**

(a) The panel is equipped with:

- 1 set Pressure Controller to control steam pressure at the inlet of thermo-compressor.
- One no. vacuum switch to cut off vacuum pump at higher vacuum.
- DIGITAL TYPE TEMPERATURE INDICATORS WITH PT-100 SENSORS FOR
- Boiling temperatures in all the effects.
- Temperature in the steam jacket of first CALANDRIA.

(b) **LOCAL MOUNTINGS:**

- Pressure gauge for indication of the steam pressure before the TVR.
- 1 Set dial type vacuum gauges for indication of vacuum in all effects.
- 1 Set dial type temperature gauges for indication of boiling temperatures in all effects.

General Description of the Incineration Boilers:

Concentrated Spent Wash (SLOP) has calorific value about 1750 kcal/MT and used as main fuel in specifically designed incineration boilers which details are as –

INCINERATION BOILER – DETAILS:

Make:	M/s CHEEMA BOILERS LTD., PUNJAB
Boiler Capacity (total):	45 & 55 TPH,
Steam Pressure:	42 kg/cm ² g,
Steam Temperature:	440°C,

STEAM GENERATOR:

The steam generator installed at IGL having 02 furnaces. The first furnace fired with concentrated spent wash (slop) to generate saturated steam, with the help of support fuel coal / Rice Husk. The second furnace fired with coal to super heat the saturated steam generated in slop fired furnace as well to produce steam. The super-heated steam supplied to TG set to produce the power and the extraction & back pressure steam from turbine used to run the process plant. The brief description of both the furnace as below-

SLOP FIRED FURNACE:

Boiler based on fluidised bed combustion technology with over bed firing. The primary combustion air from FD fan supplied through the air nozzles mounted on the

distributor plate and used to keep the bed material fluidised and helps to maintain the fluidised bed temperature. The furnace distributor plate surface area kept lower than the furnace upper area so that the fuel & air requirement for maintaining the bed temperature remains low. The bed not provided with any kind of bed tubes, which helps in keeping the support fuel consumption lower. The combustion zone provided with refractory linings which further helps to maintain the fluidised bed temperature with minimizes support fuel consumption. Since no bed coil tubes are provided, therefore pressure part erosion in this area avoided. The start-up fuel is coal, which has burnt first with the help of charcoal like in conventional FBC boilers. Once the fluidised bed attains minimum bed temperature of 600 °C & adequate fluidisation, the supporting fuel coal introduced. After the bed temperatures rose to 900 °C, the concentrated spent wash firing started with slow rate through a specially designed gun installed at about 6-7mtr height from the bed level.

The combustion of spent wash takes place in cloud form and also part of the slop (heavier particles) fall down on the red hot fluidised bed and burn in the bed and thus helping in maintaining the bed temperatures, with-out much support fuel. Then the supporting fuel coal quantity can be reduced gradually on the basis of bed temperatures. The slop firing can be then increased as per requirement. The slops burns like a cloud in the furnace and the temperature maintained about 700-850 °C in this zone. There are total 03 compartments in the boiler and each compartment provided with one no. support fuel feeder. Also each compartment provided with 2nos. slop firing guns (1each at both the opposite walls). The no. of fuel feeder or no. of slop firing guns can be taken on service or withdrawn depending upon the steam load requirement or slop availability. The slop firing can be increased gradually up-to 80% of boiler MCR.

The temperature of hot flue gasses leaving the combustion chamber remains about 750 °C, the gasses then passed through the second & third chambers (convection zone), economizer & air pre-heater and the flue gas temperature remains about 700, 650, 525 °C, 350 °C & 180 °C respectively. The Flue gas will then be passed through the treama cyclones (where the SPM level in the flue gasses bring down 250-300 mg/m³) and then to ESP, which will bring down the SPM level in the flue gasses to <150 mg/m³. This flue gas then discharge in-to the atmosphere with the help if ID fans through the chimney to safe elevation. The furnace bed height drained as per requirement. The potassium ash collected at second & third chambers and

below economizer, APH & treama cyclones ash collection hoppers. The ash collected from ash hoppers remains in powder form and rich with the potash, which to be used as manure. The boiler flue gas dew temperature remains between 140-145 °C, but still the designed flue gas exit temperature considered 180 °C. The design of slops gun quite simple and based on pressure atomizing; it atomized at pressure 12-15kg/cm². The SA fan of suitable capacity installed to supply the secondary air at various levels of furnace to ensure the proper combustion of fuel takes place. In normal operating condition FD fan will supply the air to keep the bed fluidised & for primary combustion and SA fan will supply the balance combustion air to burn the slop in free board zone. There is no special material of construction considered for pressure parts. The normal carbon steel boiler tubes used for the boiler pressure parts. For clean the soot / ash deposition from pressure parts on convection zone, economizer & air pre-heater the flue gas velocity kept around 6-8mps and also adequate nos. of steam soot blowers & sonic blowers installed. The deaerated feed water (105-110 °C) fed to economizer and pre-heated to about 200-220 °C. This heated-up feed water then fed to steam drum to generate the steam by burning of coal & slop in the furnace. In slops fired furnace the steam generate at 42kg/cm²g at saturation temperature. The saturated steam produced then supplied to super heater furnace to get it superheated up to 440 °C.

SUPER HEATER FIRED FURNACE:

This furnace is also on fluidized bed combustion technology with under bed firing. This furnace super heats the saturated steam generated from slop furnace and also generates 16.5TPH superheated steam. FD fan installed to supply primary combustion air through the air nozzles mounted on the distributor plate. The combustion zone provided bed coils to generate steam & keep the bed combustion temperature in safe operating limits (850-950°C). The combustion chamber membrane water wall boiler and the super heater tubes are installed in convection zone. The hot flue gasses pass through the super heater zone then to economizer & air pre heater to extract the heat from hot flue gas. For start-up charcoal burnt in conventional FBC boilers. Once the fluidized bed attains minimum 600 °C temp. & adequate fluidization, coal introduced. The bed temperatures maintained between 850-950 °C. The deaerated feed water (105-110 °C) first fed to economizer installed in super heater furnace and pre-heated to about 180-190 °C. This heated-up feed

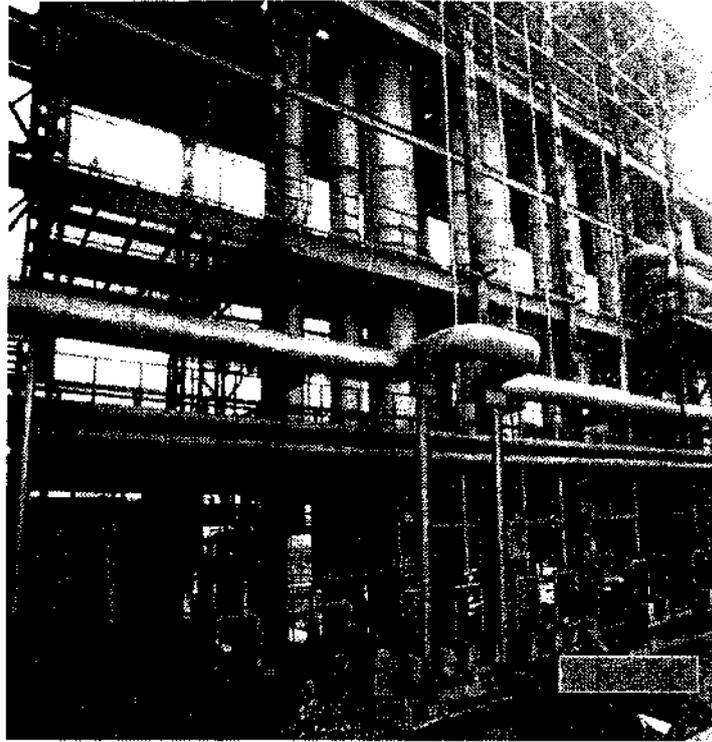
water fed to steam drum to bed coils & water walls to generate saturated steam at 42kg/cm²g. The saturated steam produced from SH furnace along-with slop furnace super-heated in super heater to get final steam temperature 440 °C. The steam produced at 42kg/cm²g & 440 °C supplied to extraction cum back pressure steam turbo generator set. In TG set power generated by expanding the steam from 42kg/cm²g to 14kg/cm²g & 3kg/cm²g. For generating the extraction & back pressure steams of TG set at 14kg/cm²g & 3kg/cm²g supplied to process plants after de-super heating at 200 & 150 °C.

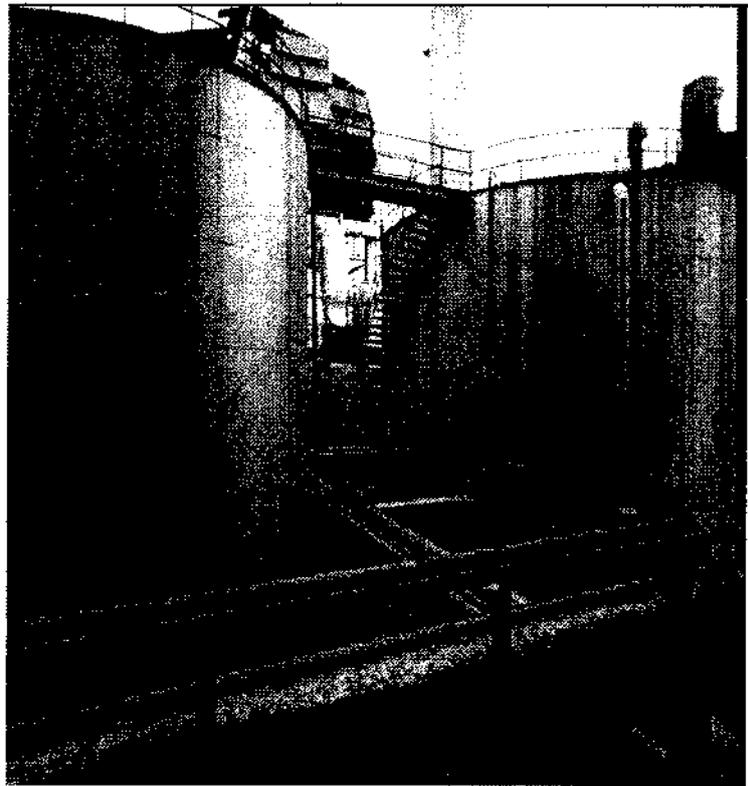
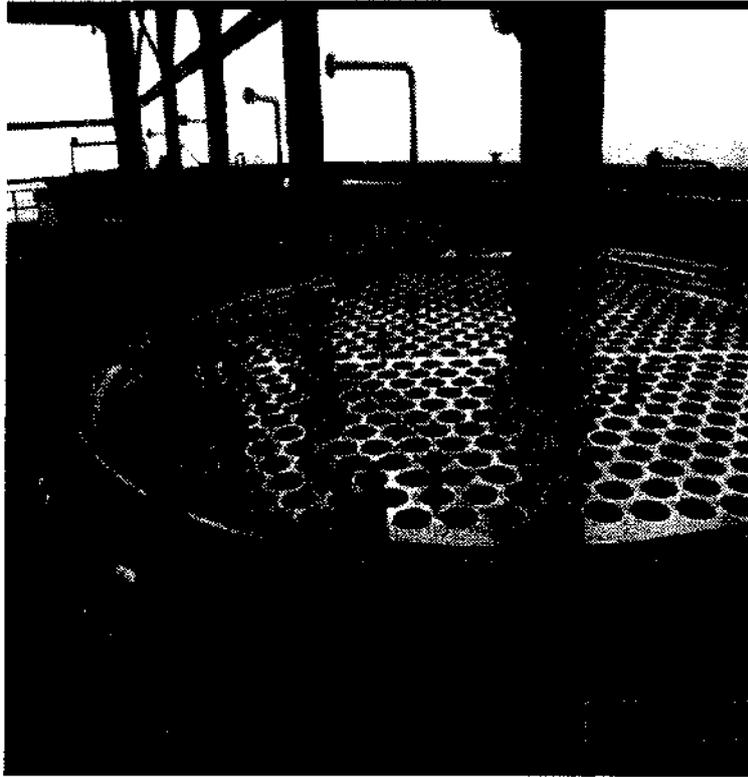
AIR POLLUTION CONTROL:

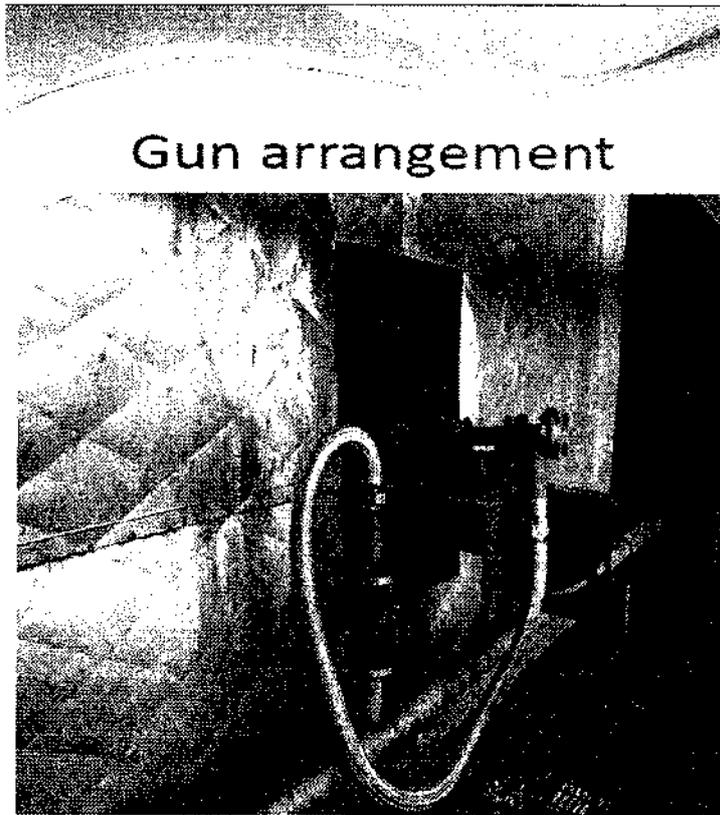
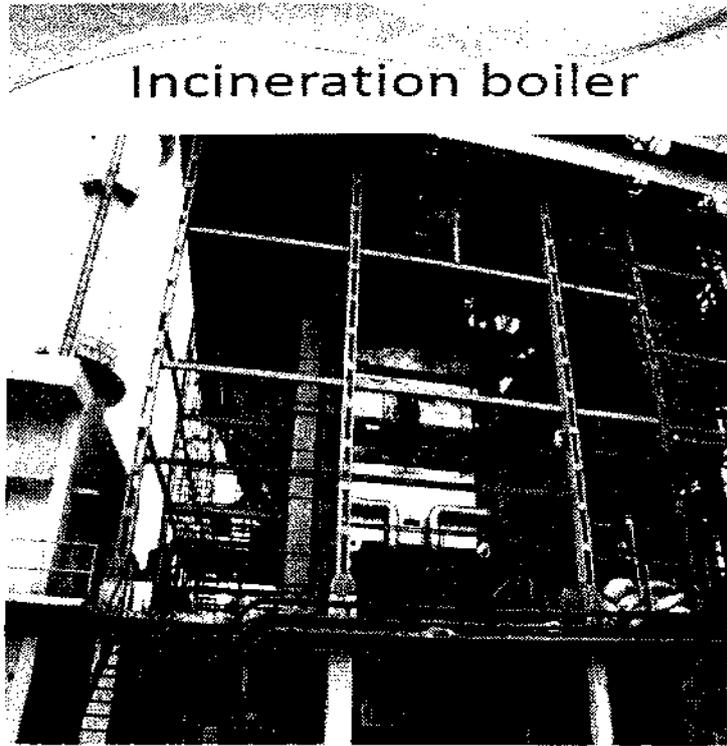
Suitably designed ESPs installed for both the furnaces to keep the stack emission within permissible limit, of <150mg/Nm³. As per guidelines of Central Pollution Control Board for Online Monitoring, PM Analyser installed at stacks and continuous PM data transmitting to Central Pollution Control Board & Uttar Pradesh Pollution Control Board server via Forbes Marshall.

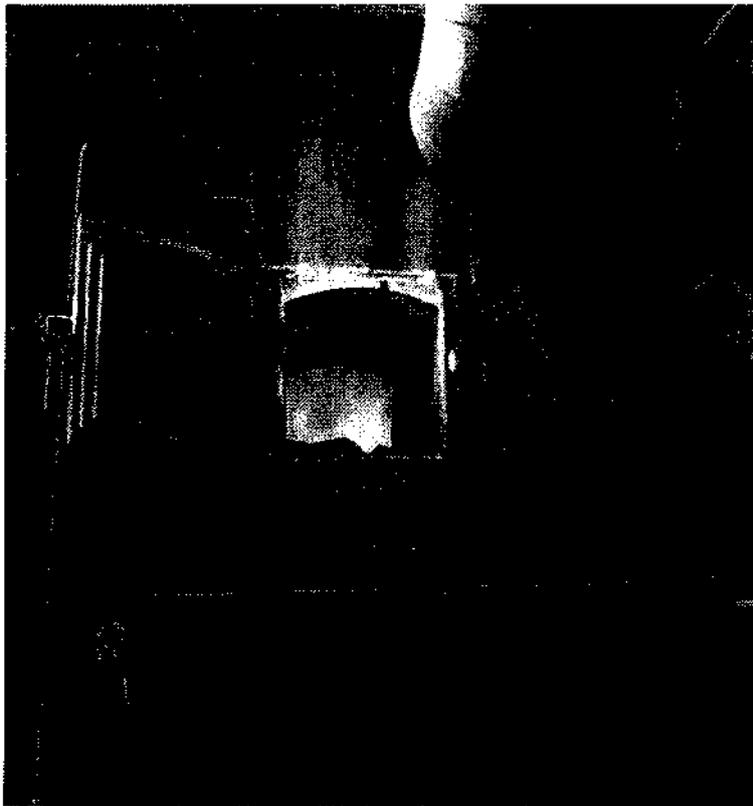
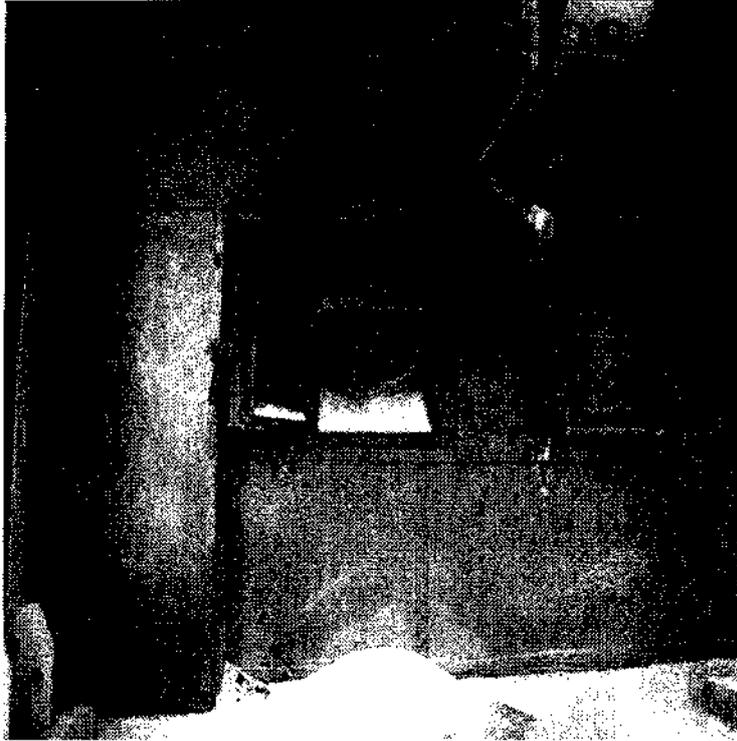
Few snaps of Multi Effect Evaporator (MEE) & Incineration boilers as below -

Snaps of Multi Effect Evaporator & Incineration Boiler





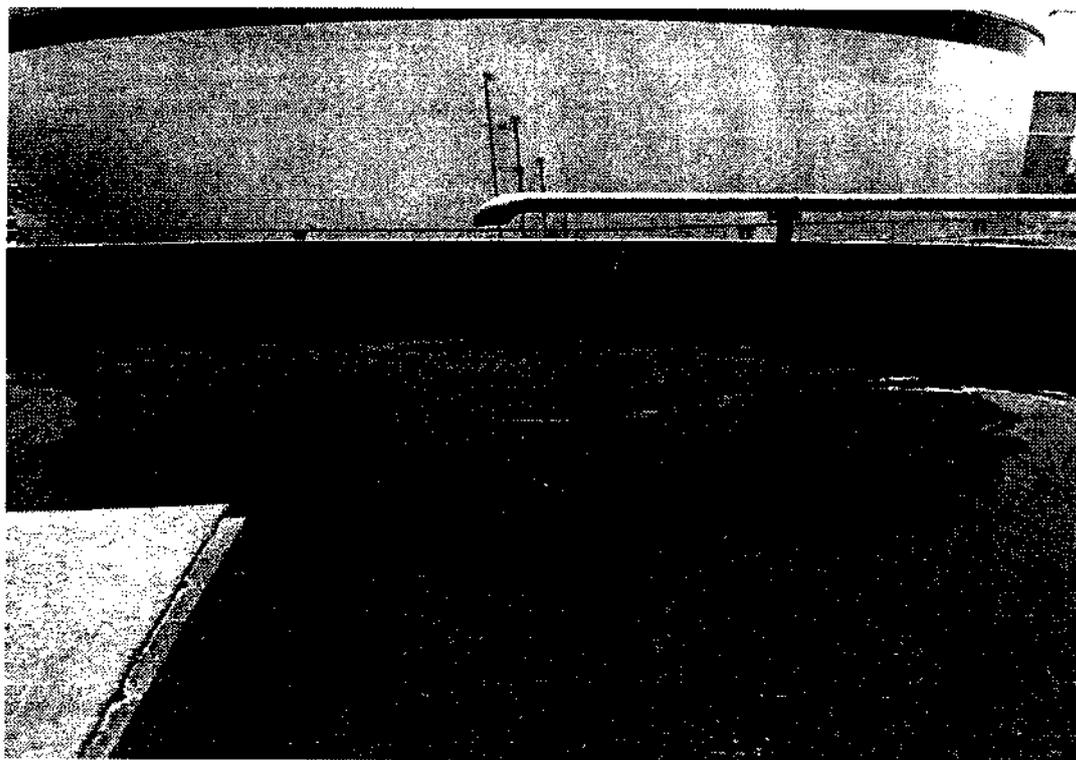


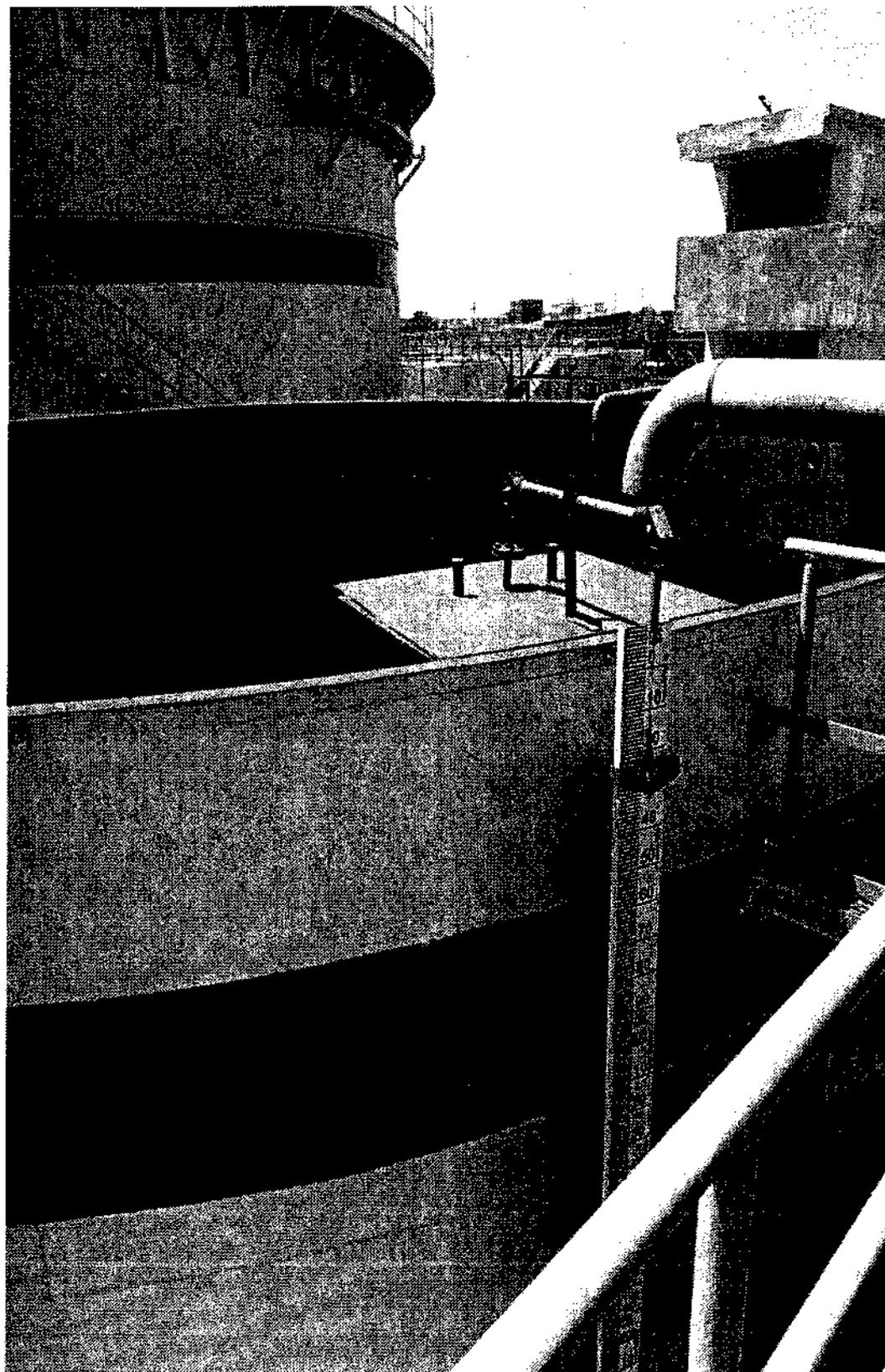


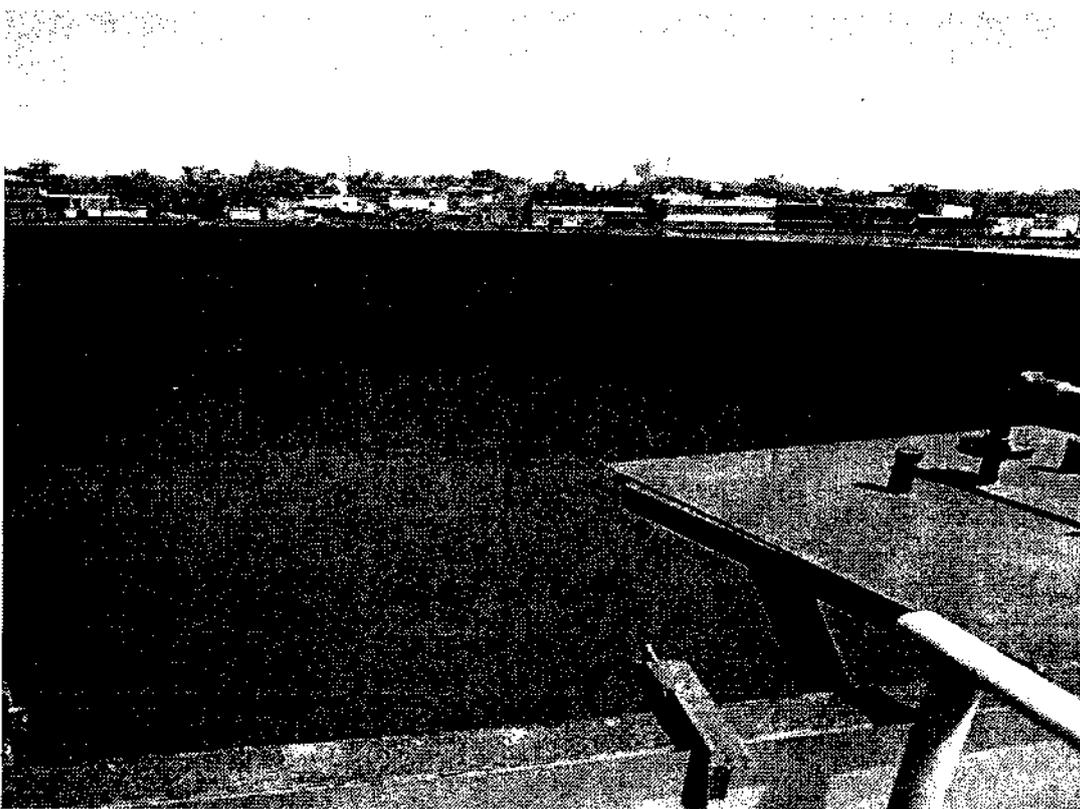
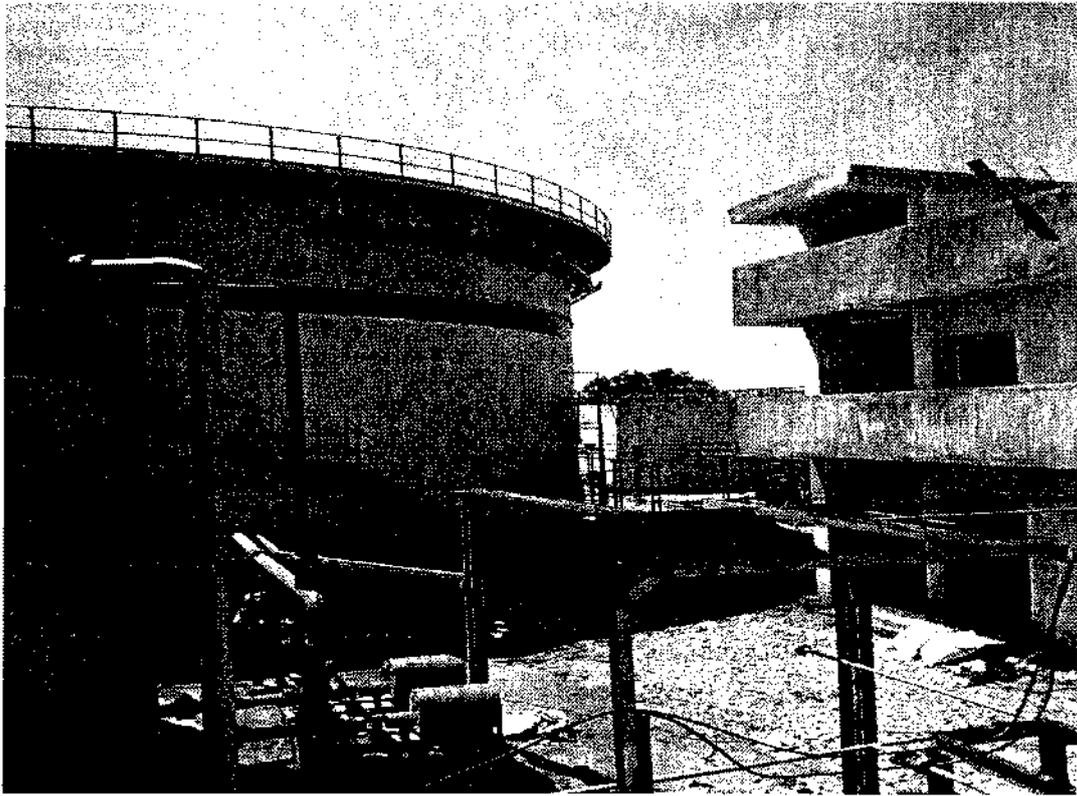
GENERAL DESCRIPTION OF THE CONDENSATE POLISHING UNIT (CPU):

MEE condensate and other streams such as spent lees, CT Blow down etc. subjected to CPU treatment for further reduction in pollutant loads remained and convert into usable water for various processes. Details of CPU is as –









The Condensate Polishing Unit (CPU) is part of the ETP which treats distillery effluent streams (Condensates) primarily MEE condensate. The effluent is passed through following respective units to reduce the pollutant load and make the resultant water fit for re-use in the process:

a. Screen Chamber:

The effluent is first taken into the screen chamber. Objective of the screen is to remove the floating objects from the influent stream. The screened effluent then flows to the equalization tank.

b. Equalization Tank:

Equalization tank of adequate retention time is provided for flow and characteristics equalization. The Equalization tank is provided with 2 Nos. submersible BRIO mixers. The equalized effluent is then pumped to the neutralization tank for further treatment.

c. Neutralization Tank:

The equalized effluent is then be pumped to Neutralization Tank for addition of lime / coagulant agent. The colloidal suspended solids are also removed in the process. The Neutralization Tank is provided with a mixer and dosing tank.

d. Primary Lamella Clarifier:

Next a Lamella Clarifier is provided for removal of the solids. The Clarifier is provided with bottom hopper and is packed with tube settlers.

e. Bio Tower:

A buffer tank of adequate retention time is provided before the Bio-tower. The part of the overflow from the Bio-tower is recycled back to the buffer tank. The tank helps in preconditioning the effluent before entering to Bio-Tower. The Bio-tower is a square or rectangular structure full of media over which the process flow is distributed, or "trickled." The media is used as a surface on which a biological mass grows. This contains and supports a population of micro-organisms which perform the actual treatment that takes place in the Bio-tower. The media is designed to provide the desired characteristics of ventilation, durability and surface area. The media used in the Bio-tower provides much greater surface area per unit of volume. The effluent trickled down from the media is collected in an under sump and is recycled back using recirculation pumps. The liquid then flows to the Aeration Tank.

f. Extended Aeration Tank (AT):

Here the dissolved and non-settle-able organic solids present in the wastewater are treated biochemically. This process is utilized to convert non-settle-able, dissolved and colloidal solids into settle-able sludge. In order to ensure required population of bacteria in the aeration tank, part of the active sludge is recycled back to AT from AT clarifier. System is designed to maintain high MLSS and low F/M ratio. The aeration is done with the help of slow speed fixed type Surface Aerators.

g. Secondary Clarifier:

The mixed liquor from Aeration Tank enters the central well of the secondary clarifier for separation of sludge and liquid. The clarifier is a bottom hopper circular tank with centrally driven clarifier mechanism. In clarifier, solids get settled at the hopper bottom. The supernatant from the clarifier overflows uniformly over the peripheral launder. A part of sludge from the clarifier is re-circulated back to aeration tank while the excess sludge is sent to the sludge handling system. The clarified effluent is then collected in the treated effluent tank.

h. Flocculator:

The clarified effluent from the clarifier is subjected to coagulation – flocculation treatment for removal of the colloidal solids from the effluent. Flocculation tank with Flocculator mechanism is provided for this purpose.

Alum shall be added to the effluent along with Poly-electrolyte for this purpose.

i. Lamella Clarifier – II:

The biologically treated effluent from the treated effluent tank is then received in this tube settler tank. A Clarifier in the form of square bottom hopper tank is provided for settlement of chemical sludge generated from the Flocculator. The tank is provided with tube settlers for improving the settling efficiency. Part of settled sludge at the bottom of the settling tank is taken to sludge handling system.

j. Chlorine Contact Tank:

A chlorine contact chamber is provided for disinfection of the treated effluent. Chlorine in the form of HOCL solution is added in the wastewater for disinfection purpose.

k. Pressure Sand Filter (MGF):

The stream is filtered in Multi Grade Filter in order to remove suspended matters & turbidity.

l. Activated Carbon Filter:

Activated Carbon filter is provided for removal of the trace organics and other impurities. It is provided with activated carbon as a filtering media.

m. Softener:

A softener is provided for removing the hardness of the treated effluent.

n. Sludge handling system:

The filtrate is separated and taken back to equalization tank for further treatment. The dewatered sludge is collected and being a stable biological sludge, is used as a source of good manure.

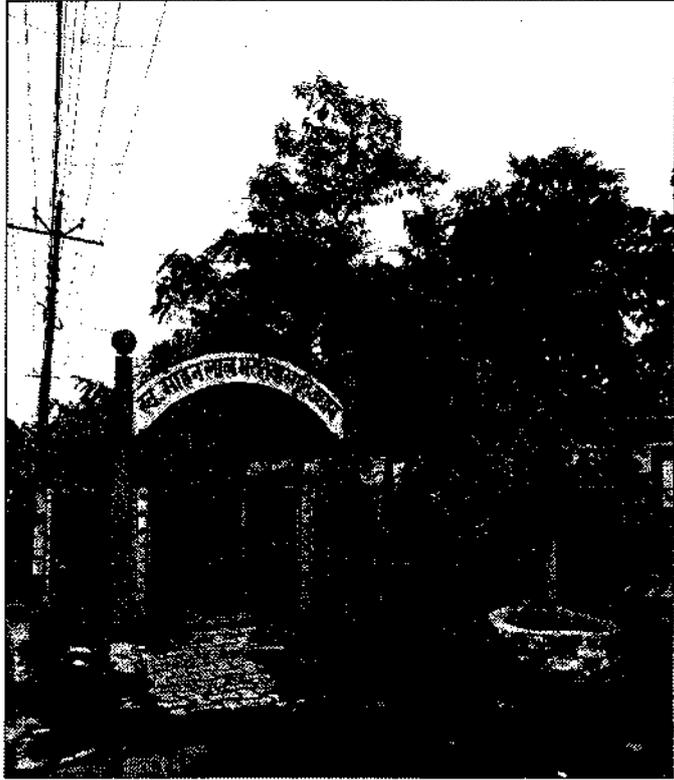
The treated water from CPU can be re-used in Process/ Cooling towers.

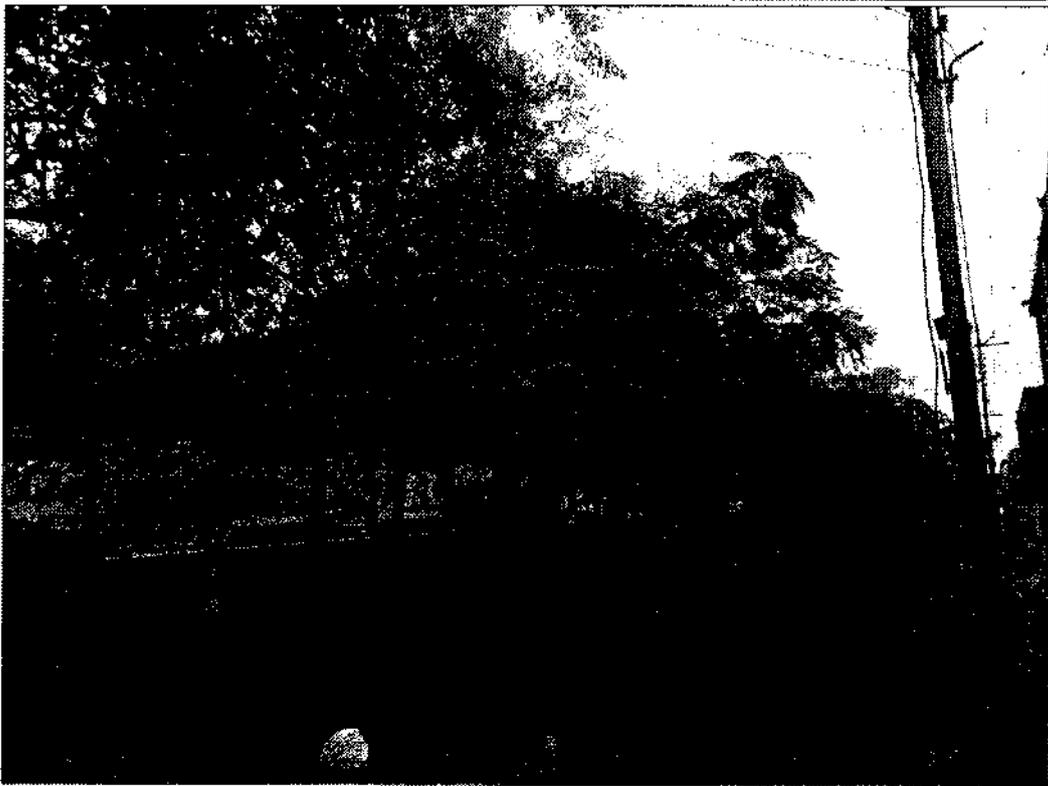
Characteristics of CPU Inlet & Outlet

Particulars	CPU Inlet	CPU Outlet
pH	3.5 – 4.5	7.0 – 8.5
Suspended Solids	500 PPM Max.	<100 PPM
BOD – 3Days at 27°C	500 PPM Max.	<30 PPM
COD	3000 PPM Max.	<250 PPM
Oil & Grease	<10 PPM	<10 PPM
TDS	<2000 PPM	<2000 PPM

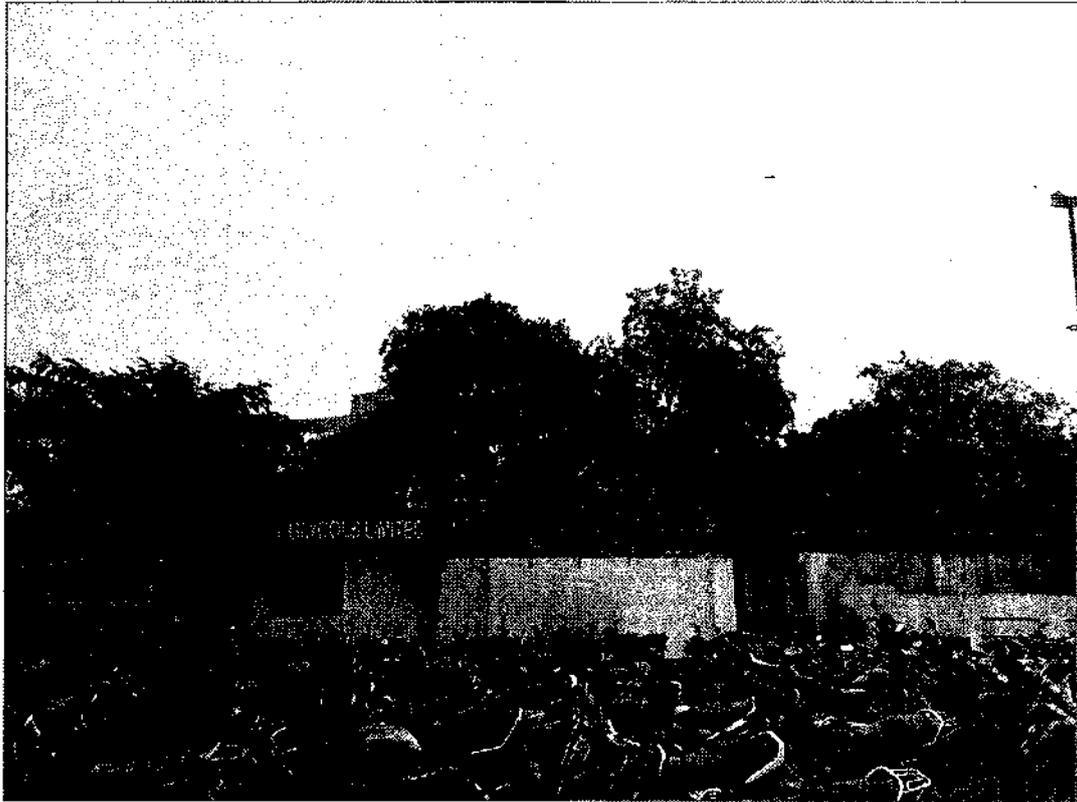












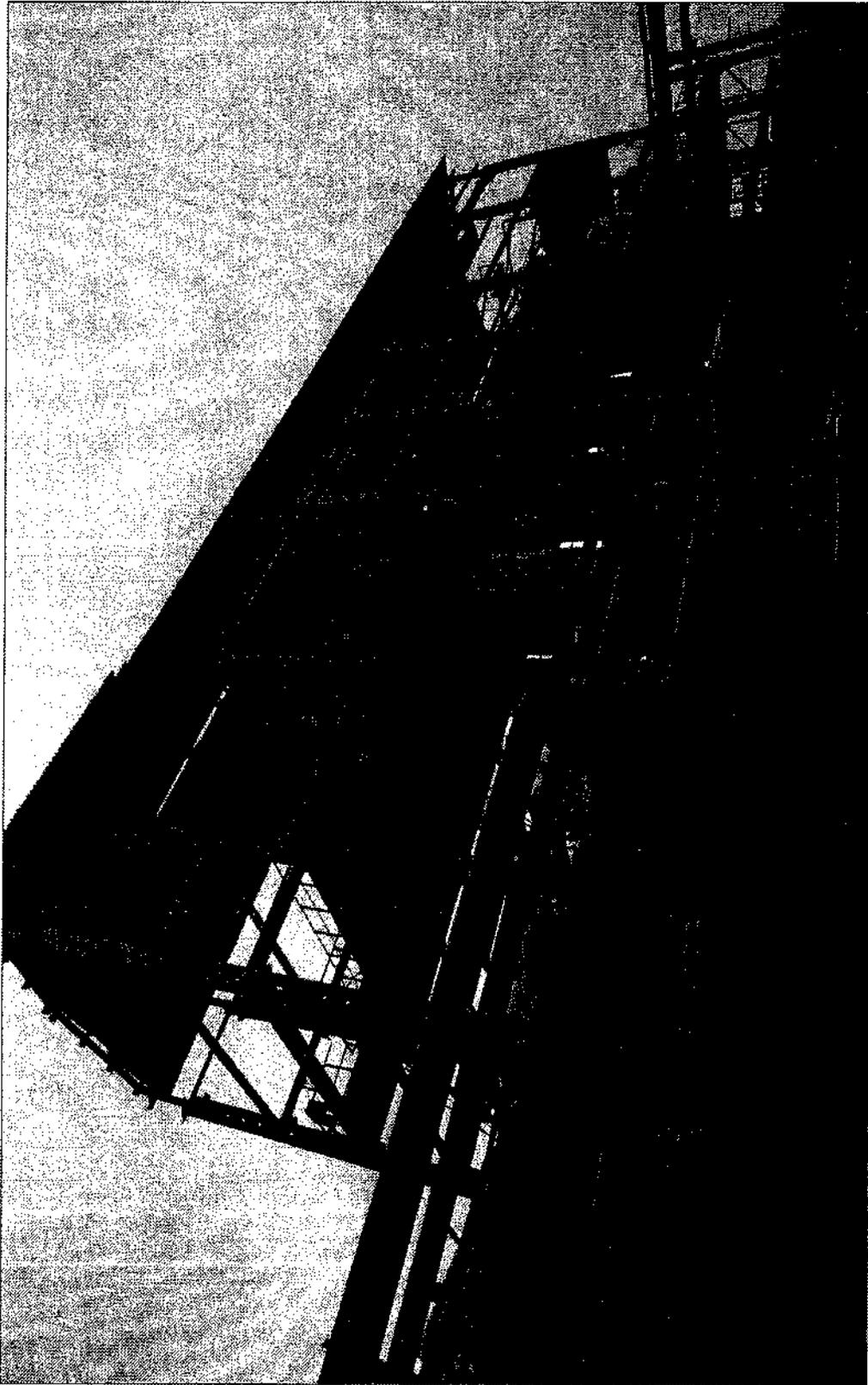




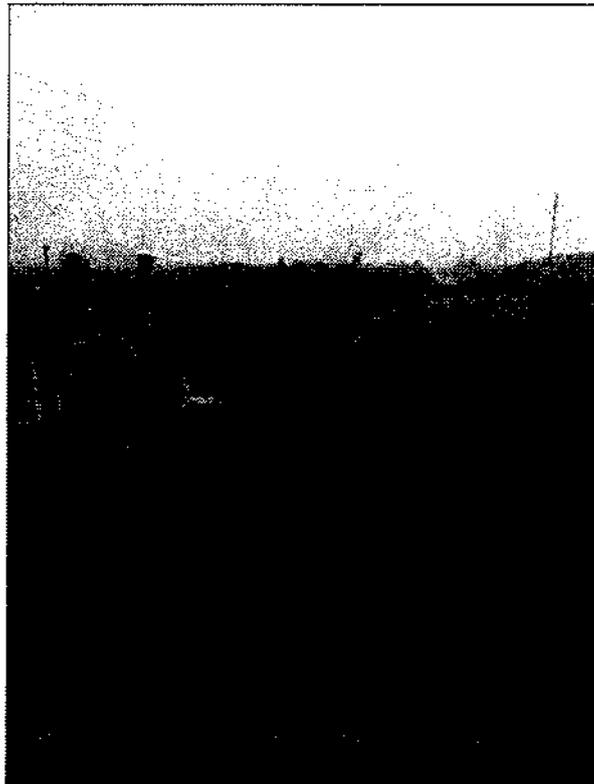


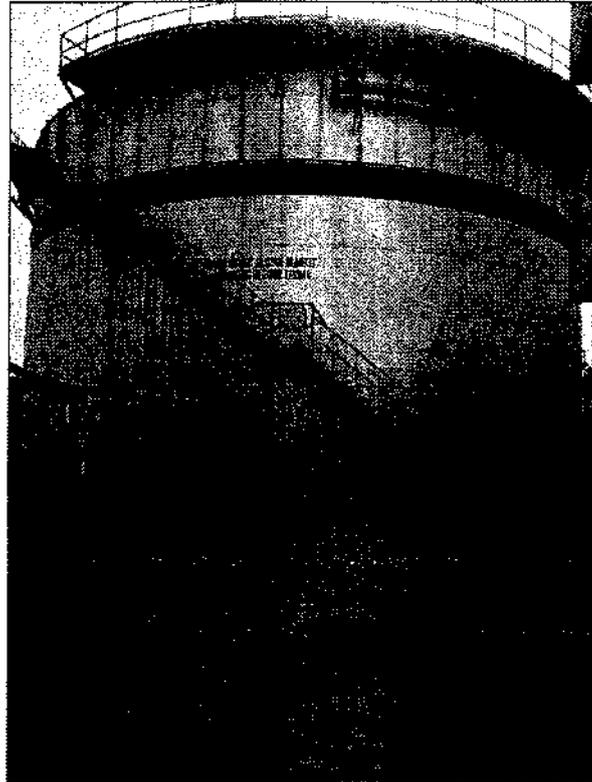


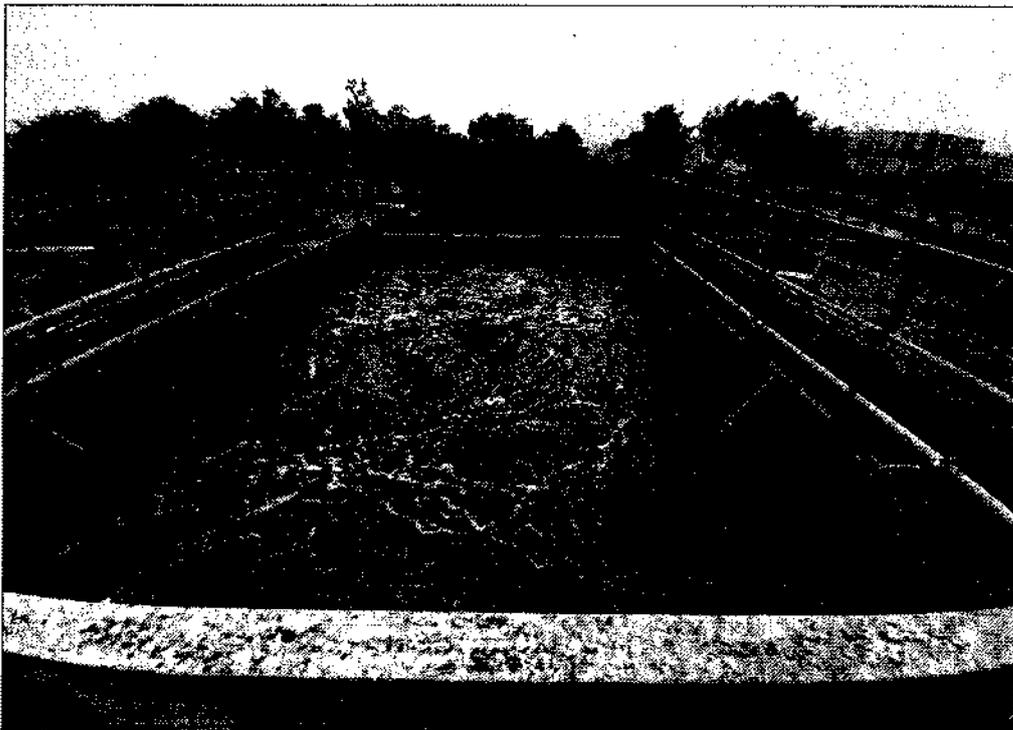
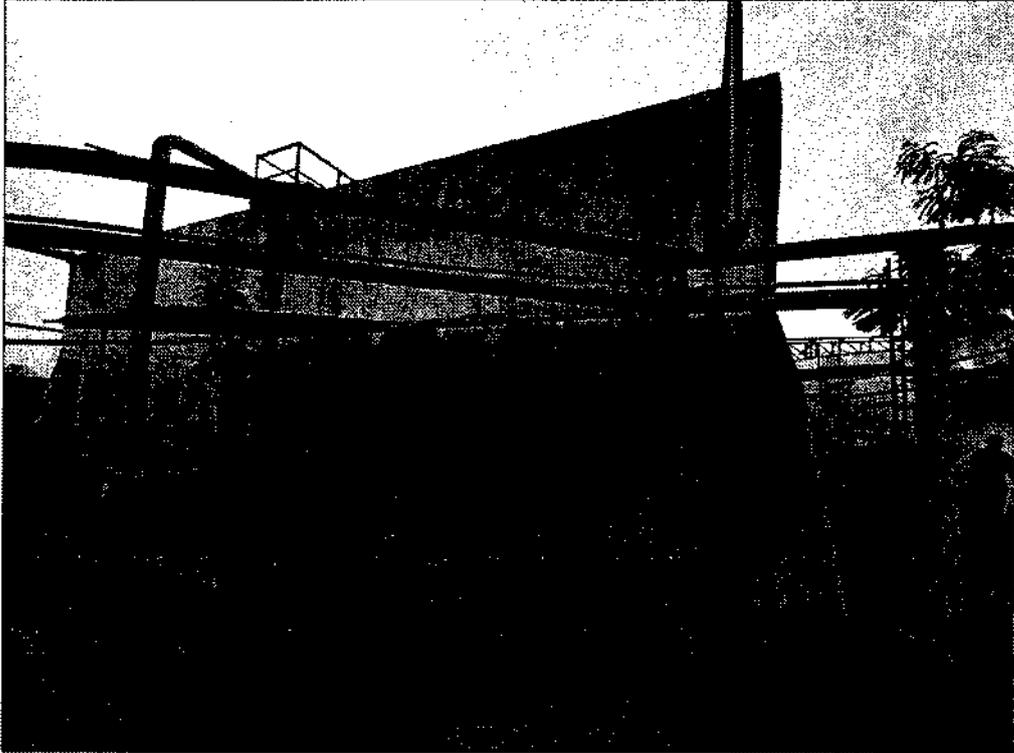


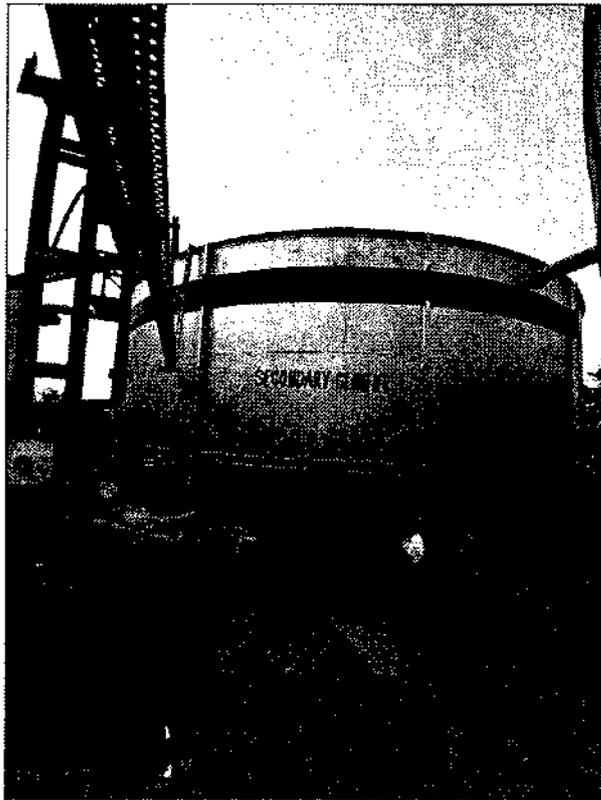
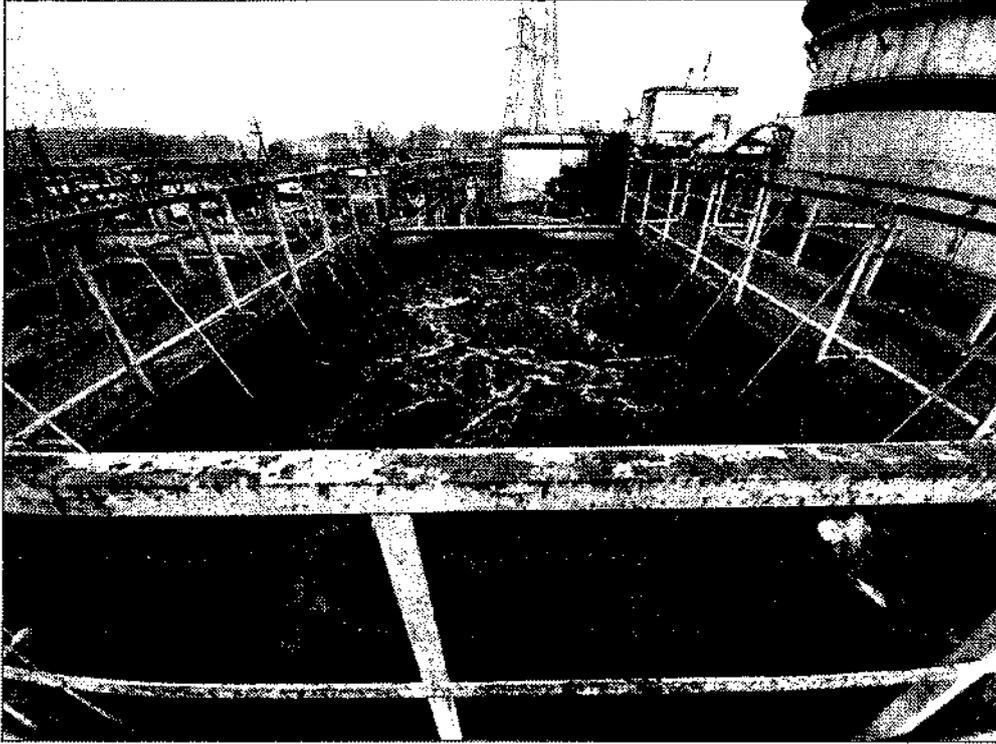


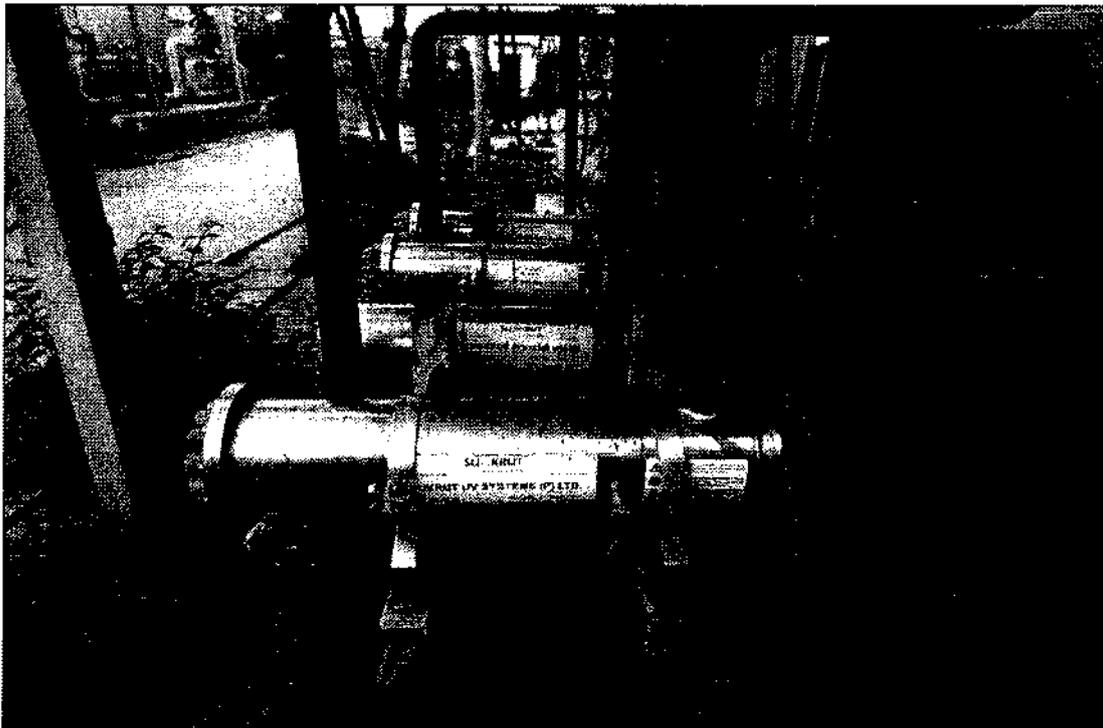
Multi Effect falling Film Evaporator





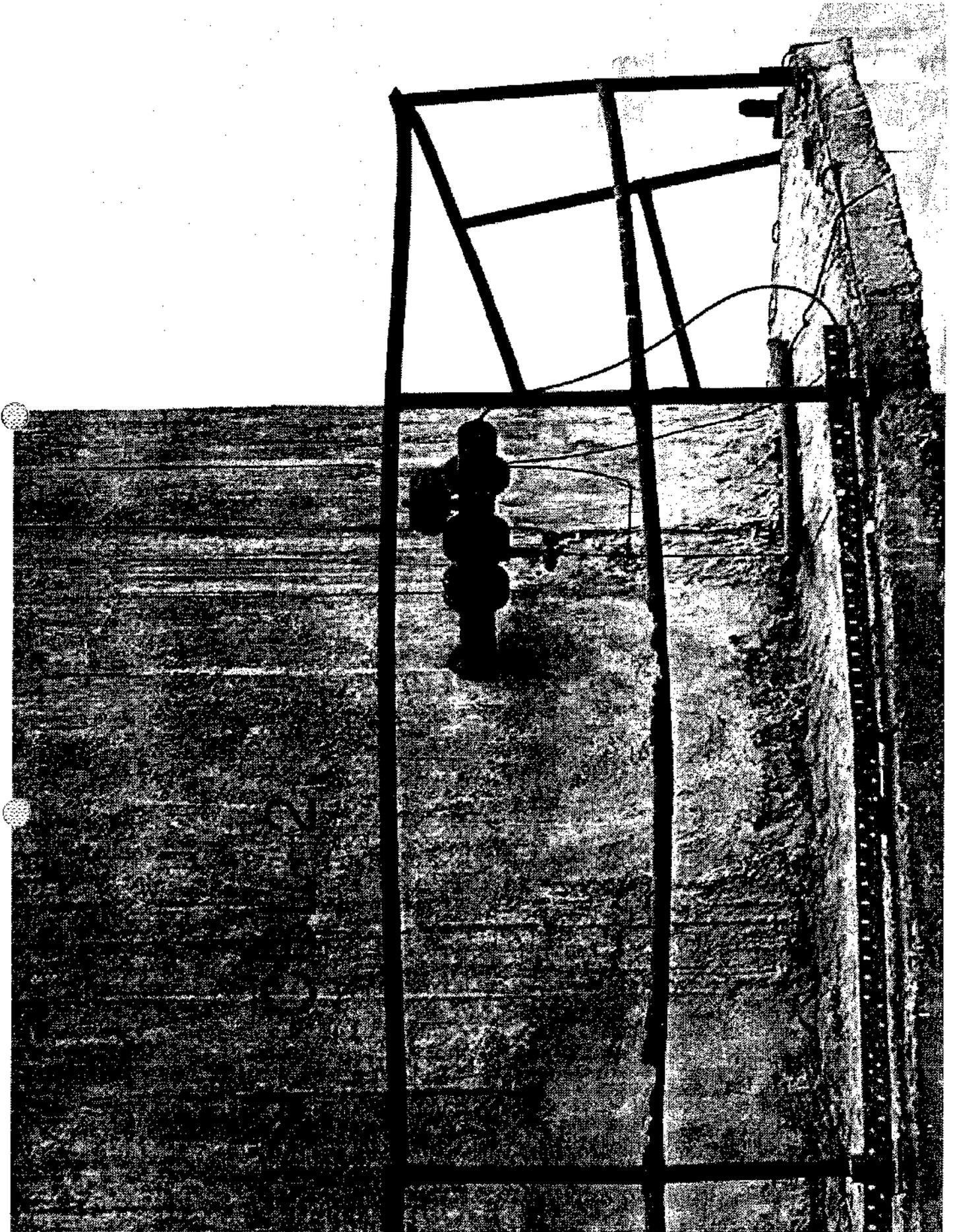


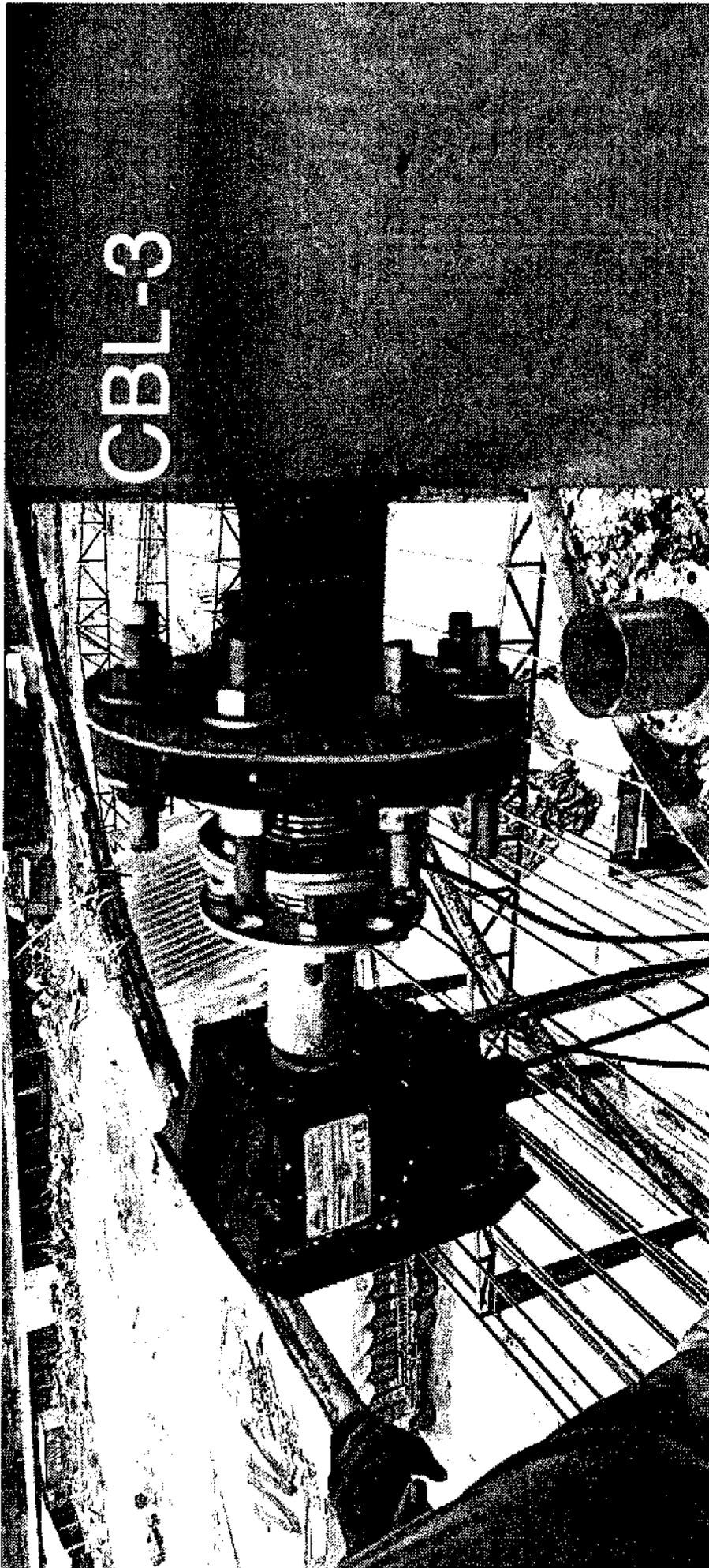






← Annexenzer-18







LOGO



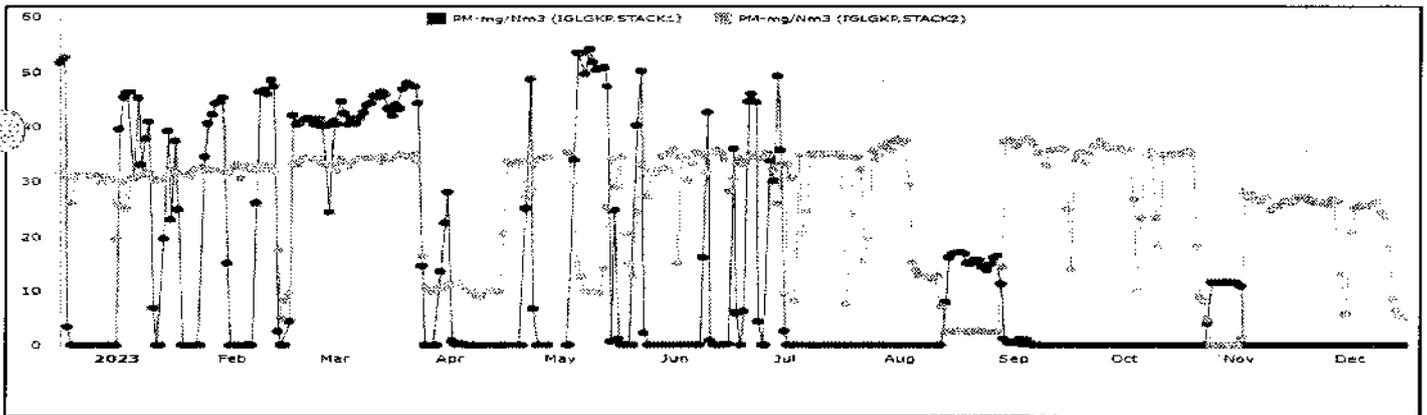
Forbes Marshall
Multi Station Report

From : 01-01-2023 00:00:00

To : 31-12-2023 23:59:59

Interval : Daily

Function : Average



Flag legends: < - Average with less data, C - Calibration mode, M - Maintenance mode, S - Data under scrutiny, B - Bad data, H - High permissible limit crossed, L - Low permissible limit crossed, P - Processed Data, V - Corrected Data, D - Delayed Data, R - Analyzer drift

Calendar	PM Avg	PM Avg			
Plant	IGLGKP	IGLGKP			
Station	STACK1	STACK2			
Units	mg/Nm3	mg/Nm3			
Range	0 - 150	0 - 150			
01-01-2023 00:00:00	51.84	31.81			
02-01-2023 00:00:00	52.51	31.79			
03-01-2023 00:00:00	3.51	30.86			
04-01-2023 00:00:00	0.00	26.24			
05-01-2023 00:00:00	0.00	30.66			
06-01-2023 00:00:00	0.00	31.54			
07-01-2023 00:00:00	0.00	31.49			

Calender	PM Avg	PM Avg				
Plant	IGLGKP	IGLGKP				
Station	STACK1	STACK2				
Units	mg/Nm3	mg/Nm3				
Range	0 - 150	0 - 150				
08-01-2023 00:00:00	0.00	31.44				
09-01-2023 00:00:00	0.00	31.07				
10-01-2023 00:00:00	0.00	31.01				
11-01-2023 00:00:00	0.00	31.07				
12-01-2023 00:00:00	0.00	29.53				
13-01-2023 00:00:00	0.00	30.80				
14-01-2023 00:00:00	0.00	30.68				
15-01-2023 00:00:00	0.00	30.37				
16-01-2023 00:00:00	0.00	19.68				
17-01-2023 00:00:00	39.60	25.64				
18-01-2023 00:00:00	45.26	29.92				
19-01-2023 00:00:00	46.19	25.01				
20-01-2023 00:00:00	46.34	30.57				
21-01-2023 00:00:00	30.60	30.93				
22-01-2023 00:00:00	45.19	30.96				
23-01-2023 00:00:00	33.17	30.95				
24-01-2023 00:00:00	37.88	31.87				
25-01-2023 00:00:00	40.82	31.64				
26-01-2023 00:00:00	6.97	30.55				
27-01-2023 00:00:00	0.00	29.94				
28-01-2023 00:00:00	0.00	30.40				
29-01-2023 00:00:00	19.56	30.32				
30-01-2023 00:00:00	39.18	31.21				
31-01-2023 00:00:00	23.08	32.60				

Calendar	PM Avg	PM Avg				
Plant	IGLGKP	IGLGKP				
Station	STACK1	STACK2				
Units	mg/Nm3	mg/Nm3				
Range	0 - 150	0 - 150				
01-02-2023 00:00:00	37.48	31.64				
02-02-2023 00:00:00	24.91	31.72				
03-02-2023 00:00:00	0.00	31.32				
04-02-2023 00:00:00	0.00	31.50				
05-02-2023 00:00:00	0.00	30.82				
06-02-2023 00:00:00	0.00	31.99				
07-02-2023 00:00:00	0.00	32.45				
08-02-2023 00:00:00	0.00	32.71				
09-02-2023 00:00:00	34.61	31.87				
10-02-2023 00:00:00	40.53	32.27				
11-02-2023 00:00:00	42.19	31.99				
12-02-2023 00:00:00	44.13	31.99				
13-02-2023 00:00:00	44.57	31.87				
14-02-2023 00:00:00	45.19	32.03				
15-02-2023 00:00:00	15.03	31.39				
16-02-2023 00:00:00	0.00	32.11				
17-02-2023 00:00:00	0.00	32.99				
18-02-2023 00:00:00	0.00	33.27				
19-02-2023 00:00:00	0.00	30.47				
20-02-2023 00:00:00	0.00	32.70				
21-02-2023 00:00:00	0.00	32.92				
22-02-2023 00:00:00	0.00	32.20				
23-02-2023 00:00:00	26.12	32.59				
24-02-2023 00:00:00	46.31	31.85				

Calender	PM Avg	PM Avg				
Plant	IGLGKP	IGLGKP				
Station	STACK1	STACK2				
Units	mg/Nm3	mg/Nm3				
Range	0 - 150	0 - 150				
25-02-2023 00:00:00	46.70	32.87				
26-02-2023 00:00:00	45.78	33.04				
27-02-2023 00:00:00	48.48	32.77				
28-02-2023 00:00:00	47.27	31.75				
01-03-2023 00:00:00	2.66	17.51				
02-03-2023 00:00:00	0.00	4.97				
03-03-2023 00:00:00	0.00	8.32				
04-03-2023 00:00:00	4.37	9.36				
05-03-2023 00:00:00	41.97	33.22				
06-03-2023 00:00:00	40.35	33.18				
07-03-2023 00:00:00	40.64	33.80				
08-03-2023 00:00:00	41.17	34.48				
09-03-2023 00:00:00	41.62	34.10				
10-03-2023 00:00:00	41.31	34.11				
11-03-2023 00:00:00	40.44	34.20				
12-03-2023 00:00:00	41.41	34.33				
13-03-2023 00:00:00	40.04	33.33				
14-03-2023 00:00:00	40.18	32.89				
15-03-2023 00:00:00	24.40	32.92				
16-03-2023 00:00:00	40.91	33.07				
17-03-2023 00:00:00	40.42	31.88				
18-03-2023 00:00:00	44.53	34.32				
19-03-2023 00:00:00	42.44	33.57				
20-03-2023 00:00:00	40.33	32.81				

Calender	PM Avg	PM Avg				
Plant	IGLGKP	IGLGKP				
Station	STACK1	STACK2				
Units	mg/Nm3	mg/Nm3				
Range	0 - 150	0 - 150				
21-03-2023 00:00:00	41.40	33.49				
22-03-2023 00:00:00	40.52	34.07				
23-03-2023 00:00:00	41.46	34.14				
24-03-2023 00:00:00	42.49	34.52				
25-03-2023 00:00:00	43.83	34.23				
26-03-2023 00:00:00	44.10	34.28				
27-03-2023 00:00:00	45.42	34.15				
28-03-2023 00:00:00	45.30	34.31				
29-03-2023 00:00:00	46.35	33.68				
30-03-2023 00:00:00	45.77	34.64				
31-03-2023 00:00:00	43.23	34.15				
01-04-2023 00:00:00	42.09	34.09				
02-04-2023 00:00:00	43.91	34.63				
03-04-2023 00:00:00	43.15	35.02				
04-04-2023 00:00:00	46.79	34.90				
05-04-2023 00:00:00	47.94	34.72				
06-04-2023 00:00:00	47.64	34.41				
07-04-2023 00:00:00	47.24	34.91				
08-04-2023 00:00:00	44.22	33.52				
09-04-2023 00:00:00	14.49	16.31				
10-04-2023 00:00:00	0.00	10.59				
11-04-2023 00:00:00	0.00	9.72				
12-04-2023 00:00:00	0.00	9.95				
13-04-2023 00:00:00	0.00	10.46				

Calender	PM Avg	PM Avg				
Plant	IGLGKP	IGLGKP				
Station	STACK1	STACK2				
Units	mg/Nm3	mg/Nm3				
Range	0 - 150	0 - 150				
14-04-2023 00:00:00	13.55	10.66				
15-04-2023 00:00:00	22.50	10.59				
16-04-2023 00:00:00	28.02	11.20				
17-04-2023 00:00:00	0.80	11.13				
18-04-2023 00:00:00	0.09	11.21				
19-04-2023 00:00:00	0.29	11.35				
20-04-2023 00:00:00	0.09	11.30				
21-04-2023 00:00:00	0.00	10.45				
22-04-2023 00:00:00	0.00	10.01				
23-04-2023 00:00:00	0.00	10.09				
24-04-2023 00:00:00	0.00	8.87				
25-04-2023 00:00:00	0.00	8.93				
26-04-2023 00:00:00	0.00	9.48				
27-04-2023 00:00:00	0.00	9.84				
28-04-2023 00:00:00	0.00	10.07				
29-04-2023 00:00:00	0.00	10.16				
30-04-2023 00:00:00	0.00	9.73				
01-05-2023 00:00:00	0.00	20.37				
02-05-2023 00:00:00	0.00	33.70				
03-05-2023 00:00:00	0.00	33.06				
04-05-2023 00:00:00	0.00	32.93				
05-05-2023 00:00:00	0.00	33.75				
06-05-2023 00:00:00	0.00	33.63				
07-05-2023 00:00:00	25.07	26.81				

Calendar	PM Avg	PM Avg				
Plant	IGLGKP	IGLGKP				
Station	STACK1	STACK2				
Units	mg/Nm3	mg/Nm3				
Range	0 - 150	0 - 150				
08-05-2023 00:00:00	48.69	28.47				
09-05-2023 00:00:00	6.71	32.90				
10-05-2023 00:00:00	0.00	33.82				
11-05-2023 00:00:00	0.00	34.14				
12-05-2023 00:00:00	0.00	34.24				
13-05-2023 00:00:00	0.00	34.41				
18-05-2023 00:00:00	0.00 <	35.51 <				
19-05-2023 00:00:00	0.00	35.13				
20-05-2023 00:00:00	33.98	29.62				
21-05-2023 00:00:00	53.37	14.86				
22-05-2023 00:00:00	53.38	12.49				
23-05-2023 00:00:00	49.62	9.81				
24-05-2023 00:00:00	54.09	9.51				
25-05-2023 00:00:00	51.69	9.87				
26-05-2023 00:00:00	50.47	9.50				
27-05-2023 00:00:00	50.58	9.54				
28-05-2023 00:00:00	50.76	14.02				
29-05-2023 00:00:00	47.37	25.28				
30-05-2023 00:00:00	0.73	34.17				
31-05-2023 00:00:00	24.69	28.87				
01-06-2023 00:00:00	1.21	34.38				
02-06-2023 00:00:00	0.00	34.50				
03-06-2023 00:00:00	0.00	20.46				
04-06-2023 00:00:00	0.00	14.85				

Calendar	PM Avg	PM Avg				
Plant	IGLGKP	IGLGKP				
Station	STACK1	STACK2				
Units	mg/Nm3	mg/Nm3				
Range	0 - 150	0 - 150				
05-06-2023 00:00:00	0.00	12.70				
06-06-2023 00:00:00	40.25	24.32				
07-06-2023 00:00:00	50.12	33.31				
08-06-2023 00:00:00	2.36	32.76				
09-06-2023 00:00:00	0.00	27.27				
10-06-2023 00:00:00	0.00	31.94				
11-06-2023 00:00:00	0.00	31.29				
12-06-2023 00:00:00	0.00	32.18				
13-06-2023 00:00:00	0.00	34.38				
14-06-2023 00:00:00	0.05	32.25				
15-06-2023 00:00:00	0.00	35.52				
16-06-2023 00:00:00	0.00	35.69				
17-06-2023 00:00:00	0.00	14.93				
18-06-2023 00:00:00	0.00	34.45				
19-06-2023 00:00:00	0.00	34.49				
20-06-2023 00:00:00	0.00	30.08				
21-06-2023 00:00:00	0.00	33.37				
22-06-2023 00:00:00	0.00	35.28				
23-06-2023 00:00:00	0.00	35.18				
24-06-2023 00:00:00	15.98	34.79				
25-06-2023 00:00:00	42.49	31.51				
26-06-2023 00:00:00	0.76	35.41				
27-06-2023 00:00:00	0.00	35.22				
28-06-2023 00:00:00	0.00	35.60				

Calender	PM Avg	PM Avg				
Plant	IGLGKP	IGLGKP				
Station	STACK1	STACK2				
Units	mg/Nm3	mg/Nm3				
Range	0 - 150	0 - 150				
29-06-2023 00:00:00	0.00	35.04				
30-06-2023 00:00:00	0.00	34.15				
01-07-2023 00:00:00	0.09	28.14				
02-07-2023 00:00:00	35.90	30.28				
03-07-2023 00:00:00	5.98	33.53				
04-07-2023 00:00:00	0.00	34.30				
05-07-2023 00:00:00	6.27	33.18				
06-07-2023 00:00:00	44.57	34.20				
07-07-2023 00:00:00	45.84	34.87				
08-07-2023 00:00:00	44.38	34.98				
09-07-2023 00:00:00	4.46	34.09				
10-07-2023 00:00:00	0.00	34.60				
11-07-2023 00:00:00	0.00	35.31				
12-07-2023 00:00:00	33.90	34.95				
13-07-2023 00:00:00	30.00	31.90				
14-07-2023 00:00:00	49.26	25.82				
15-07-2023 00:00:00	35.72	33.11				
16-07-2023 00:00:00	2.61	9.37				
17-07-2023 00:00:00	0.00	33.16				
18-07-2023 00:00:00	0.00	30.49				
19-07-2023 00:00:00	0.00	8.14				
20-07-2023 00:00:00	0.00	34.98				
21-07-2023 00:00:00	0.00	20.49				
22-07-2023 00:00:00	0.00	24.49				

Calender	PM Avg	PM Avg				
Plant	IGLGKP	IGLGKP				
Station	STACK1	STACK2				
Units	mg/Nm3	mg/Nm3				
Range	0 - 150	0 - 150				
23-07-2023 00:00:00	0.00	35.00				
24-07-2023 00:00:00	0.00	35.00				
25-07-2023 00:00:00	0.00	35.00				
26-07-2023 00:00:00	0.00	35.00				
27-07-2023 00:00:00	0.00	35.00				
28-07-2023 00:00:00	0.00	35.00				
29-07-2023 00:00:00	0.00	35.00				
30-07-2023 00:00:00	0.00	35.00				
31-07-2023 00:00:00	0.00	35.00				
01-08-2023 00:00:00	0.00	34.44				
02-08-2023 00:00:00	0.00	7.54				
03-08-2023 00:00:00	0.00	23.82				
04-08-2023 00:00:00	0.00	34.44				
05-08-2023 00:00:00	0.00	34.44				
06-08-2023 00:00:00	0.00	32.16				
07-08-2023 00:00:00	0.00	15.51				
08-08-2023 00:00:00	0.00	19.65 H				
09-08-2023 00:00:00	0.00	35.53				
10-08-2023 00:00:00	0.00	34.20				
11-08-2023 00:00:00	0.00	34.73				
12-08-2023 00:00:00	0.00	36.35				
13-08-2023 00:00:00	0.00	37.19				
14-08-2023 00:00:00	0.00	35.69				
15-08-2023 00:00:00	0.00	37.26				

Calendar	PM Avg	PM Avg				
Plant	IGLGKP	IGLGKP				
Station	STACK1	STACK2				
Units	mg/Nm3	mg/Nm3				
Range	0 - 150	0 - 150				
16-08-2023 00:00:00	0.00	37.68				
17-08-2023 00:00:00	0.00	37.10				
18-08-2023 00:00:00	0.00	37.39				
19-08-2023 00:00:00	0.00	29.37				
20-08-2023 00:00:00	0.00	15.04				
21-08-2023 00:00:00	0.00	13.69				
22-08-2023 00:00:00	0.00	12.68				
23-08-2023 00:00:00	0.00	12.75				
24-08-2023 00:00:00	0.00	12.68				
25-08-2023 00:00:00	0.00	12.12				
26-08-2023 00:00:00	0.00	12.40				
27-08-2023 00:00:00	0.00	12.64				
28-08-2023 00:00:00	0.00	7.12				
29-08-2023 00:00:00	7.91	2.53				
30-08-2023 00:00:00	15.97	2.60				
31-08-2023 00:00:00	16.74	2.62				
01-09-2023 00:00:00	17.11	2.64				
02-09-2023 00:00:00	17.11	2.61				
03-09-2023 00:00:00	16.87	2.62				
04-09-2023 00:00:00	15.03	2.49				
05-09-2023 00:00:00	15.05	2.51				
06-09-2023 00:00:00	15.50	2.59				
07-09-2023 00:00:00	15.53	2.57				
08-09-2023 00:00:00	14.42	2.56				

Calendar	PM Avg	PM Avg				
Plant	IGLGKP	IGLGKP				
Station	STACK1	STACK2				
Units	mg/Nm3	mg/Nm3				
Range	0 - 150	0 - 150				
09-09-2023 00:00:00	13.74	2.47				
10-09-2023 00:00:00	14.71	2.55				
11-09-2023 00:00:00	15.98	2.49				
12-09-2023 00:00:00	16.38	2.48				
13-09-2023 00:00:00	11.27	14.27				
14-09-2023 00:00:00	1.18	37.31				
15-09-2023 00:00:00	0.44	37.65				
16-09-2023 00:00:00	0.49	37.19				
17-09-2023 00:00:00	0.29	36.42				
18-09-2023 00:00:00	0.91	37.33				
19-09-2023 00:00:00	0.19	37.57				
20-09-2023 00:00:00	0.94	37.69				
21-09-2023 00:00:00	0.36	37.25				
22-09-2023 00:00:00	0.00	36.71				
23-09-2023 00:00:00	0.02	35.15				
24-09-2023 00:00:00	0.00	35.20				
25-09-2023 00:00:00	0.00	33.01				
26-09-2023 00:00:00	0.00	35.72				
27-09-2023 00:00:00	0.00	35.84				
28-09-2023 00:00:00	0.00	35.87				
29-09-2023 00:00:00	0.00	36.07				
30-09-2023 00:00:00	0.00	35.72				
01-10-2023 00:00:00	0.00	24.87				
02-10-2023 00:00:00	0.00	13.83				

Calender	PM Avg	PM Avg				
Plant	IGLGKP	IGLGKP				
Station	STACK1	STACK2				
Units	mg/Nm3	mg/Nm3				
Range	0 - 150	0 - 150				
03-10-2023 00:00:00	0.00	34.11				
04-10-2023 00:00:00	0.00	35.04				
05-10-2023 00:00:00	0.00	35.47				
06-10-2023 00:00:00	0.00	33.53				
07-10-2023 00:00:00	0.00	35.23				
08-10-2023 00:00:00	0.00	36.36				
09-10-2023 00:00:00	0.00	36.59				
10-10-2023 00:00:00	0.00	37.49				
11-10-2023 00:00:00	0.00	36.63				
12-10-2023 00:00:00	0.00	36.12				
13-10-2023 00:00:00	0.00	35.75				
14-10-2023 00:00:00	0.00	36.13				
15-10-2023 00:00:00	0.00	36.00				
16-10-2023 00:00:00	0.00	36.04				
17-10-2023 00:00:00	0.00	35.47				
18-10-2023 00:00:00	0.00	35.84				
19-10-2023 00:00:00	0.00	26.75				
20-10-2023 00:00:00	0.00	10.29				
21-10-2023 00:00:00	0.00	23.36				
22-10-2023 00:00:00	0.00	35.16				
23-10-2023 00:00:00	0.00	34.81				
24-10-2023 00:00:00	0.00	35.39				
25-10-2023 00:00:00	0.00	23.38				
26-10-2023 00:00:00	0.00	18.18				

Calender	PM Avg	PM Avg				
Plant	IGLGKP	IGLGKP				
Station	STACK1	STACK2				
Units	mg/Nm3	mg/Nm3				
Range	0 - 150	0 - 150				
27-10-2023 00:00:00	0.00	35.02				
28-10-2023 00:00:00	0.00	34.98				
29-10-2023 00:00:00	0.00	34.73				
30-10-2023 00:00:00	0.00	35.06				
31-10-2023 00:00:00	0.00	35.09				
01-11-2023 00:00:00	0.00	34.92				
02-11-2023 00:00:00	0.00	35.43				
03-11-2023 00:00:00	0.00	35.62				
04-11-2023 00:00:00	0.00	35.11				
05-11-2023 00:00:00	0.00	18.30				
06-11-2023 00:00:00	0.00	8.83				
07-11-2023 00:00:00	0.00	8.15				
08-11-2023 00:00:00	4.09	4.97				
09-11-2023 00:00:00	11.52	0.00				
10-11-2023 00:00:00	11.49	0.00				
11-11-2023 00:00:00	11.50	0.00				
12-11-2023 00:00:00	11.56	0.00				
13-11-2023 00:00:00	11.60	0.00				
14-11-2023 00:00:00	11.57	0.00				
15-11-2023 00:00:00	11.57	0.00				
16-11-2023 00:00:00	11.44	0.00				
17-11-2023 00:00:00	10.80	1.33				
18-11-2023 00:00:00	0.00	28.11				
19-11-2023 00:00:00	0.00	27.07				

Calender	PM Avg	PM Avg				
Plant	IGLGKP	IGLGKP				
Station	STACK1	STACK2				
Units	mg/Nm3	mg/Nm3				
Range	0 - 150	0 - 150				
20-11-2023 00:00:00	0.00	27.47				
21-11-2023 00:00:00	0.00	26.74				
22-11-2023 00:00:00	0.00	26.30				
23-11-2023 00:00:00	0.00	26.59				
24-11-2023 00:00:00	0.00	27.05				
25-11-2023 00:00:00	0.00	24.74				
26-11-2023 00:00:00	0.00	25.28				
27-11-2023 00:00:00	0.00	25.57				
28-11-2023 00:00:00	0.00	26.05				
29-11-2023 00:00:00	0.00	26.40				
30-11-2023 00:00:00	0.00	26.24				
01-12-2023 00:00:00	0.00	26.26				
02-12-2023 00:00:00	0.00	27.00				
03-12-2023 00:00:00	0.00	27.11				
04-12-2023 00:00:00	0.00	26.82				
05-12-2023 00:00:00	0.00	26.97				
06-12-2023 00:00:00	0.00	26.25				
07-12-2023 00:00:00	0.00	26.19				
08-12-2023 00:00:00	0.00	26.26				
09-12-2023 00:00:00	0.00	26.04				
10-12-2023 00:00:00	0.00	25.96				
11-12-2023 00:00:00	0.00	25.85				
12-12-2023 00:00:00	0.00	26.76				
13-12-2023 00:00:00	0.00	26.39				

Calender	PM Avg	PM Avg				
Plant	IGLGKP	IGLGKP				
Station	STACK1	STACK2				
Units	mg/Nm3	mg/Nm3				
Range	0 - 150	0 - 150				
14-12-2023 00:00:00	0.00	13.02				
15-12-2023 00:00:00	0.00	5.78				
16-12-2023 00:00:00	0.00	5.79				
17-12-2023 00:00:00	0.00	20.83				
18-12-2023 00:00:00	0.00	25.12				
19-12-2023 00:00:00	0.00	25.71				
20-12-2023 00:00:00	0.00	25.43				
21-12-2023 00:00:00	0.00	25.23				
22-12-2023 00:00:00	0.00	25.66				
23-12-2023 00:00:00	0.00	25.99				
24-12-2023 00:00:00	0.00	26.18				
25-12-2023 00:00:00	0.00	24.36				
26-12-2023 00:00:00	0.00	23.37				
27-12-2023 00:00:00	0.00	18.04				
28-12-2023 00:00:00	0.00	8.65				
29-12-2023 00:00:00	0.00	6.43				
30-12-2023 00:00:00	0.00	5.65				
31-12-2023 00:00:00	0.00	5.10				

Report Summary

Average	11.54	26.13				
Maximum	54.09	37.69				
Minimum	0.00	0.00				
Std. Deviation	18.06	11.05				
Geom. Mean	15.20	22.95				
Median	0.00	31.51				
Mode	0.00	35.00				
Total Active Duration						

M/s India Glycols Ltd. E-1 Sector – 15 GIDA Gorakhpur U.P. (Online Flow Data connected with UPPCB / CPCB Server)
 Station Name: 05UP291_ Spent wash _ Outlet

M/s India Glycols Limited.

E sector - E- 1, SECTOR - 15, GORAKHPUR INDUSTRIAL DEVELOPMENT
 AREA (GIDA), DISTRICT - GORAKHPUR, UTTAR PRADESH
 ,GORAKHPUR,2713209

Gorakhpur

District

Gorakhpur

Parameters

Spentwash_Outlet:Flow

Date

From 2023/01/01 00:00:00 To 2023/12/31 11:49:59

State

Uttar Pradesh

Report Format

Graph

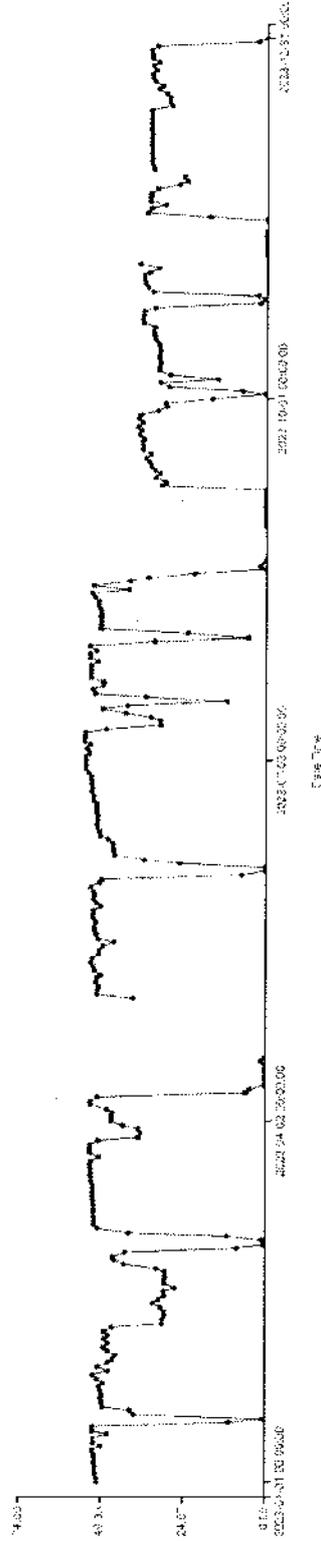
Category

Drillery

Criteria

1-days

Graphical view



M/s India Glycols Ltd. E-1 Sector - 15 GIDA Gorakhpur U.P (Online Flow Data connected with UPPCB / CPCB Server)
 Station Name: 05UP291_Evaporator_Inlet_Flow

M/S India Glycols Limited

District
 Gorakhpur
 Parameters
 Evaporator_Inlet_Flow-Flow

Date
 From 2023/01/01 00:00:00 To 2023/12/31 11:49:59

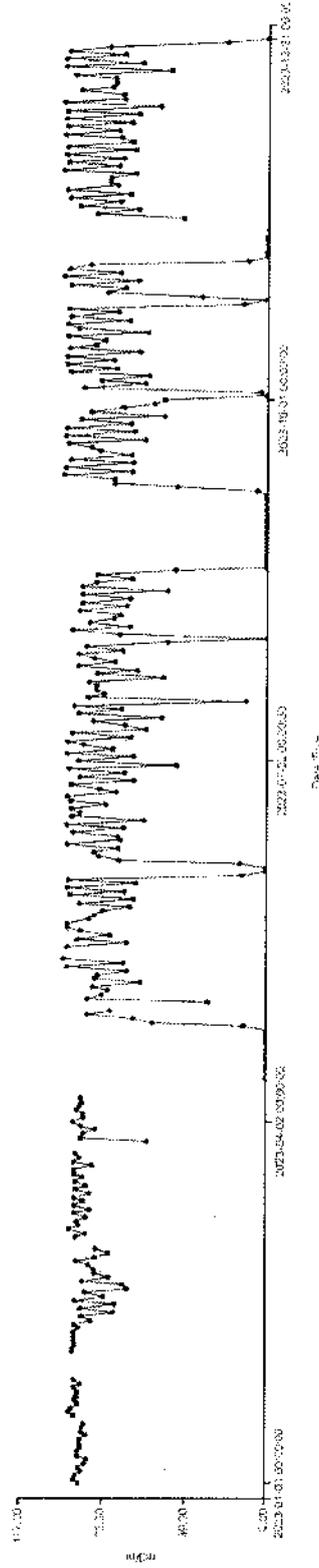
Graphical view

E Sector - 15, SECTOR - 15, GORAKHPUR INDUSTRIAL DEVELOPMENT AREA (GIDA), DISTRICT - GORAKHPUR, UTTAR PRADESH, GORAKHPUR, 273209

State
 Uttar Pradesh
 Report Format
 Graph

Gorakhpur

Category
 Distillery
 Criteria
 1-days



M/s India Glycols Ltd. E-1 Sector - 15 GIDA Gorakhpur U.P (Online Flow Data connected with UPPCB / CPCB Server)
 Station Name: 05UP291_Evaporator_Outlet_Flow

M/S India Glycols Limited.

E 98301, E- 1, SECTOR - 15, GORAKHPUR INDUSTRIAL DEVELOPMENT
 AREA (GIDA), DISTRICT - GORAKHPUR, UTTAR PRADESH
 GORAKHPUR,273209

Gorakhpur

District

Gorakhpur

Parameter(s)

Evaporator_Outlet-Flow

Date

From 2023/01/01 00:00:00 To 2023/12/31 11:49:59

State

Uttar Pradesh

Report Format

Graph

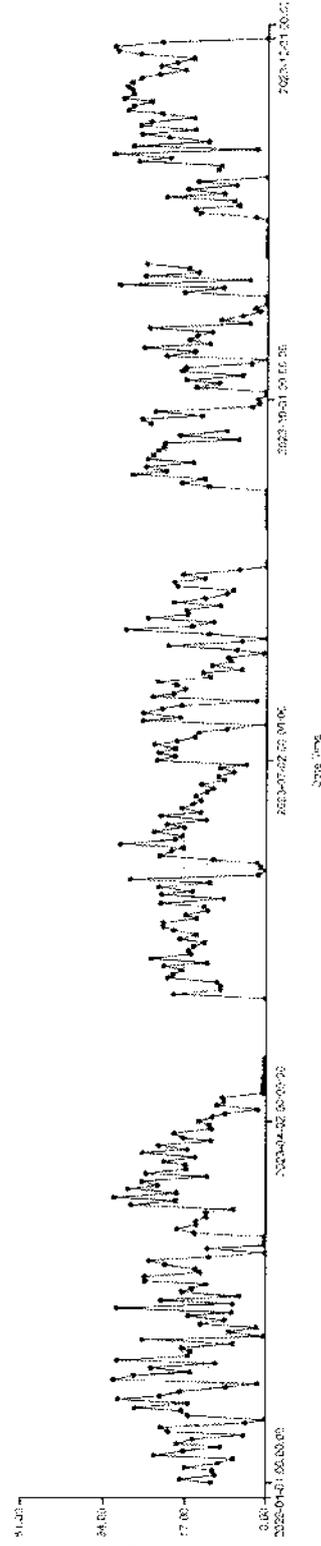
Category

Distillery

Criteria

1-days

Graphical View



M/s India Glycols Ltd. E-1 Sector – 15 GIDA Gorakhpur U.P (Online Flow Data connected with UPPCB / CPCB Server)
Station Name: 05UP291_ Whole _ Stillage _ Outlet _ Grain _ Distillery _ Flow

M/S India Glycols Limited

E sector, E- 1, SECTOR - 15, GORAKHPUR INDUSTRIAL DEVELOPMENT
 AREA (GIDA), DISTRICT - GORAKHPUR, UTTAR PRADESH
 ,GORAKHPUR,273209

Gorakhpur

District
 Gorakhpur
 Parameters

State
 Uttar Pradesh
 Report Format
 Graph

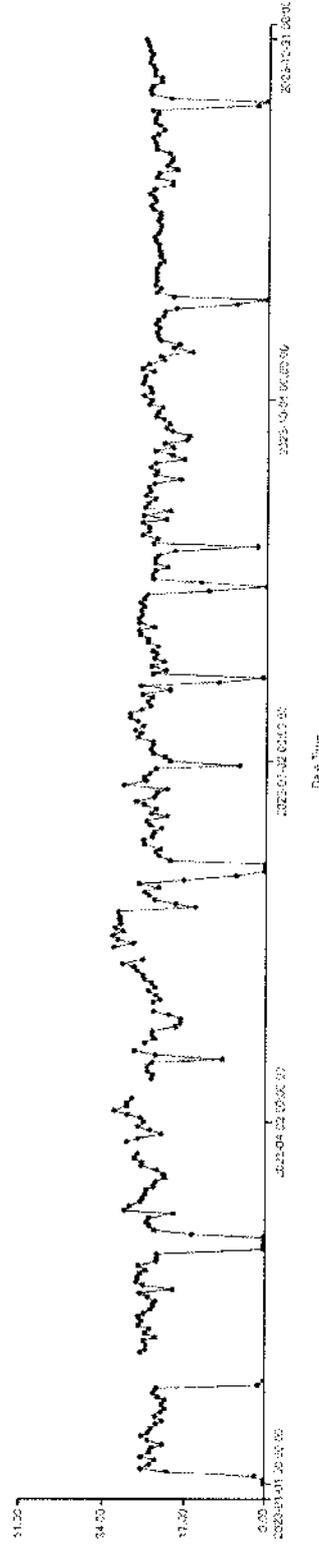
Category
 Distillery
 C/Meia
 1-days

Whole_Stillage_Outlet_Grain_Distillery_Flow-Flow

Date

From 2023/01/01 00:00:00 To 2023/12/31 11:49:59

Graphical view



M/s India Glycols Ltd. E-1 Sector - 15 GIDA Gorakhpur U.P (Online Flow Data connected with UPPCB / CPCB Server)
 Station Name: 05UP291_Thick_Syrup_Outlet_Grain_Distillery_Flow

M/S India Glycols Limited

E sector - E-1, SECTOR - 15, GORAKHPUR INDUSTRIAL DEVELOPMENT
 AREA (GIDA), DISTRICT - GORAKHPUR, UTTAR PRADESH
 , GORAKHPUR 273209

Gorakhpur

District

Gorakhpur

Parameters

Thick_Syrup_Outlet_Grain_Distillery_Flow:Flow

Date

From 2023/01/01 00:00:00 To 2023/12/31 11:49:59

State

Uttar Pradesh

Report Format

Graph

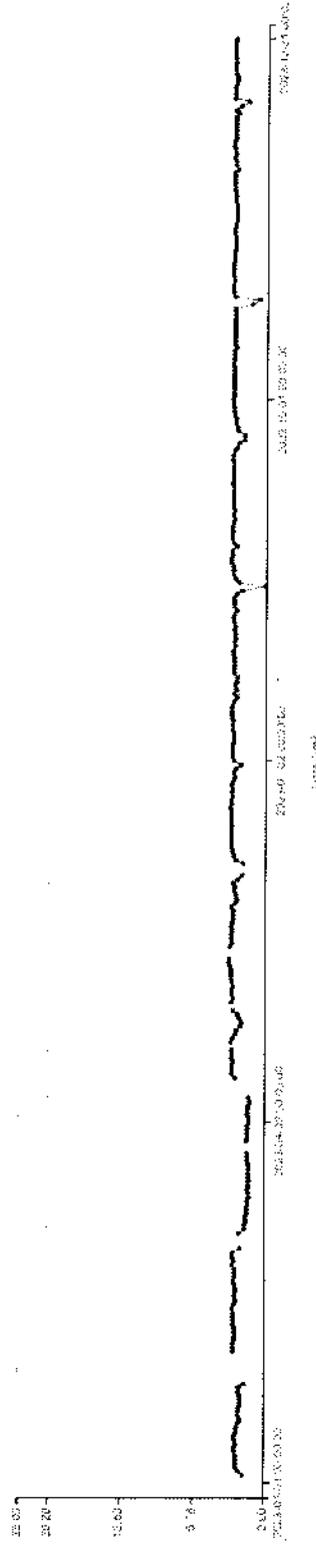
Category

Distillery

Criteria

1-days

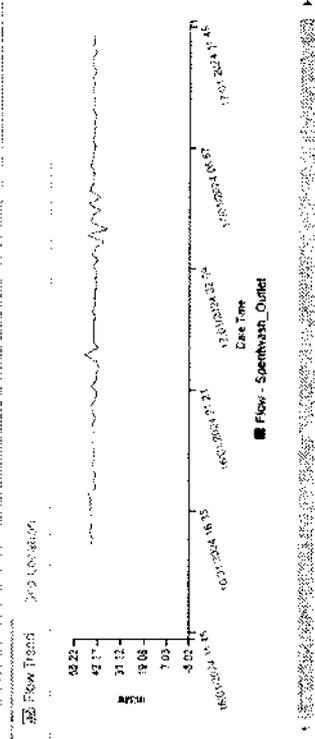
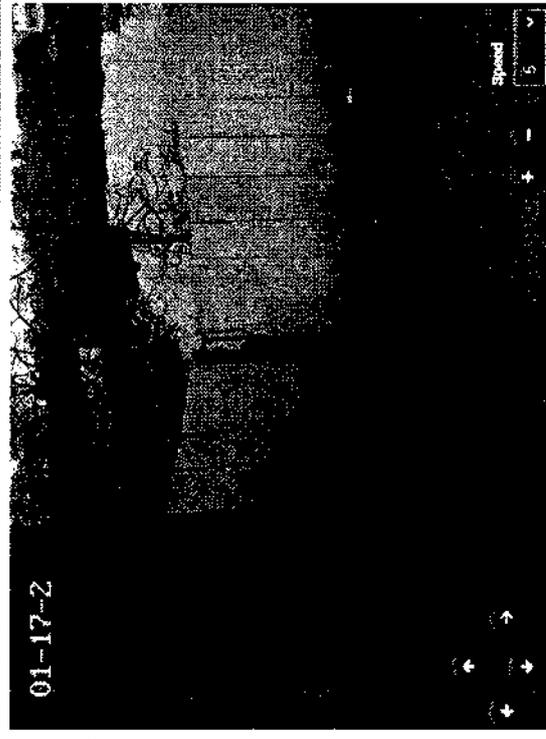
Graphical view



M/s India Glycols Ltd. E-1 Sector - 15 GIDA Gorakhpur U.P (Online Image sharing connected with UPPCB / CPCB Server)
 Station Name: 05UP291_ Lagoon_Area

← Camera / M/s India Glycols Limited, Gorakhpur / Gorakhpur / Gorakhpur

Live Status

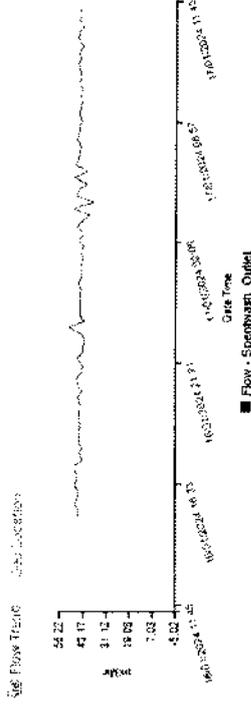


Industry Details

Industry Category	DISTILLERY	Camera Make	HIKVISION
Industry Name	M/s India Glycols Limited	Camera Model No	DS-2DE5225W-AE
Industry Location	Gorakhpur	PTZ	Yes
Monitored Area	Camera_Concentrated_Spentwash_Storage	10x Zoom	Yes
Camera Location	Camera_Concentrated_Spentwash_Storage	Night Vision	Yes
		IP Camera	Yes

M/s India Glycols Ltd. E-1 Sector - 15 GIDA Gorakhpur U.P (Online Image sharing connected with UPPCB / CPCB Server)
Station Name: 05UP291_ CBL 1_Area

Live Status History



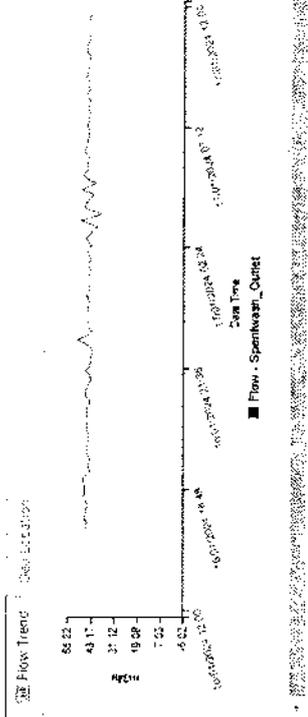
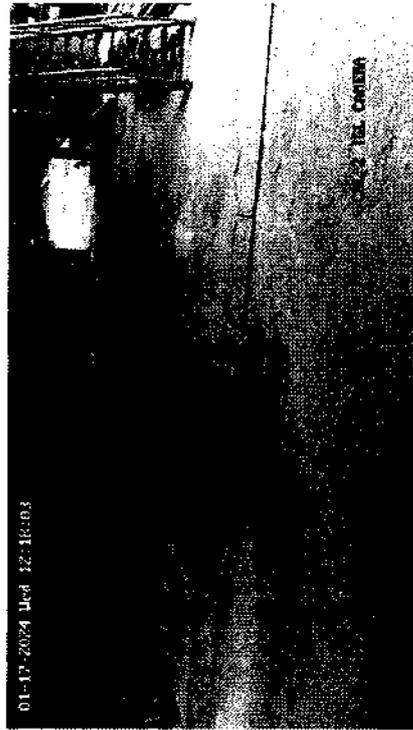
Industry Details

Industry Category	DISTILLERY	Camera Model	Hikvision
Industry Name	M/S.India Glycols Limited.	Camera Model No.	DS-2DE5225WAE
Industry Location	Gorakhpur	PTZ	Yes
Mounted Area	Camera_Incineration_boiler1	10x Zoom	Yes
Camera Location	Camera_Incineration_boiler1	Night Vision	Yes
		IP Camera	Yes

M/s India Glycols Ltd. E-1 Sector - 15 GIDA Gorakhpur U.P (Online Image sharing connected with UPPCB / CPCB Server)
 Station Name: 05UP291_CBL 2_Area

← Cameras : Ms.India Glycols Limited, Gorakhpur / Gorakhpur / Gorakhpur

Live Status



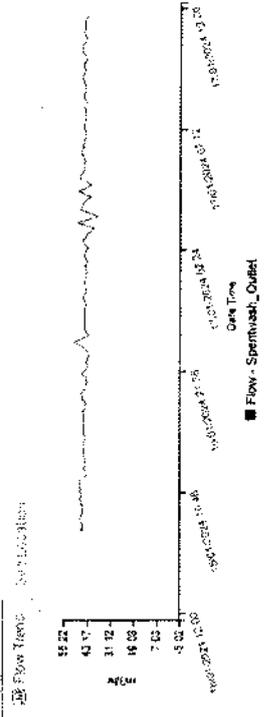
Industry Details

Industry Category	DISTILLERY	Camera Make	HIKVISION
Industry Name	M/s India Glycols Limited	Camera Model No.	DS-2DE5225W-AE
Industry Location	Gorakhpur	PTZ	No
Manufactured Area	Camera_Incineration_boiler2	Loss Zoned	Yes
Camera Location	Camera_Incubation_boiler2	Noise Vision	Yes
		IP Camera	Yes

5

M/s India Glycols Ltd. E-1 Sector - 15 GIDA Gorakhpur U.P (Online Image sharing connected with UPPCB / CPCB Server)
 Station Name: 05UP291_ DDGS Handling_Area

Live Status



Industry Details

Industry Category	DISTILLERY	Camera Make	HikvisionHVR
Industry Name	M/s India Glycols Limited	Camera Model No.	HikvisionHVR
Industry Location	Gorakhpur	P/TZ	NO
Monitored Area	Camera_DDGS_Handling_Area	10x Zoom	Yes
Camera Location	Camera_DDGS_Handling_Area	Night Vision	Yes
		IP Camera	Yes

Camera Details

**BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH, NEW DELHI
ORIGINAL APPLICATION NO. 432 OF 2023**

IN THE MATTER OF:

Radhey Shyam Sehara

...Applicant

Versus

State of Uttar Pradesh & Ors.

...Respondent(s)

KNOW ALL to whom these presents shall come, Mr. Peter Paul,
(Authorized Signatory) S/o Mr. Mr. Anil Kumar Sharma, R/o
8-1, Sec-13, do hereby solemnly affirm and authorize:

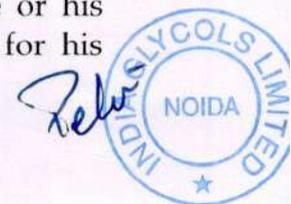
MIMANSA LAW OFFICES

C-6/50, SAFDARJUNG DEVELOPMENT AREA, NEW DELHI-110016

Email: danial@mimansalaw.in; gautam@mimansalaw.in

Phone: #8377950090 #9899809187 #9933936525

1. To act, appear and plead in the above-noted case in this Court or in any Court in which the same be tried or heard and also in the appellate Courts subject to payment of fees separately for each Court by me/us.
2. To sign, verify and present pleadings, replications, appeals, Cross-objections, or petitions for execution, review, revision, restorations or affidavits or other documents as may be deemed necessary or proper for the prosecution of said case in all its stages.
3. To file and take back documents.
4. To mediate, withdraw, or compromise the said case or submit to arbitration any differences or disputes that may arise touching or in any manner relating to the said case.
5. To take out execution proceedings.
6. To deposit, draw and receive moneys, cheques and grant receipts thereof or/and to do all other acts and things which may be necessary to be done for the progress and in the course of prosecution of the said case.
7. To appoint, instruct any other legal practitioner authorizing him to exercise the power and authorities hereby conferred upon the Advocate whenever he may think fit to do so and sign the power of attorney on my/our behalf.
8. And I/We the undersigned do hereby agree to ratify and confirm act as if done by the Advocate or his substitute in the matter as my/our own acts, as if done by me/us to contents and purposes.
9. And I/We undertake that I/we or my/our duly authorized agent would appear in court on all hearings and will confirm the Advocate for appearance when case is called.
10. And I/we the undersigned do hereby agree not to hold the Advocate or his substitute responsible for the result of the said case, the consequence for his



absence from court when the said case is called up for hearing or any negligence of the said advocate or his substitute.

11. And I/we the undersigned do hereby agree that in the event of the whole or any part of the fee agreed by me/us to the advocate remaining unpaid, they will be entitled/allowed for an adjournment. Advocate would be entitled to the same.

IN WITNESS WHEREOF I/we do hereunto set my/our hand to these presents the contents of which have been understood by me this 07th day of Feb, 2021.



**KRISHNAMOHAN
K. MENON**
Advocate
D/658/10

**GAUTAM
DHAMIJA**
Advocate
D/1423/2011

**CHAITANYASHIL
PRIYADARSHI**
Advocate
D/1342/2013

PARTH DIXIT
Advocate
D/3281/2020

CLIENT

DANIA NAYYAR
Advocate
D/6075/2017

**PARUL
SACHDEVA**
Advocate
D/4070/2017

TEJASWI BHANU
Advocate
D/1472/2021





INDIA GLYCOLS LIMITED



Plot No. 2-B, Sector - 126, NOIDA-201304, Distt. Gautam Budh Nagar, Uttar Pradesh, Tel. : +91 120 6860000, 3090100, 3090200
Fax : +91 120 3090111, 3090211, E-mail : iglho@indiaglycols.com, Website : www.indiaglycols.com

CERTIFIED TRUE COPY OF THE RESOLUTION PASSED AT THE MEETING OF THE BOARD OF DIRECTORS OF INDIA GLYCOLS LIMITED HELD ON 31ST OCTOBER, 2008 AT 17, FRIENDS COLONY, (WEST) NEW DELHI – 110065.

AUTHORISATION FOR LEGAL CASES, EXCISE & SALES TAX MATTER, AUTHORISATION TO REPRESENT COMPANY AT DIFFERENT GOVERNMENT DEPARTMENTS, JUDICIAL AUTHORITY, LOCAL BODIES ETC.

"RESOLVED THAT Mr. Peter Paul, Legal Advisor, be and is hereby authorised to file/defend legal suits, claims, writs and appeals before the statutory authorities/tribunals set up under various statutes viz. Central Excise, Customs, Sales Tax/VAT Act, Income Tax, U.P./Uttarakhand Excise, Companies Act, Pollution Control Laws and any other Central or State legislation and different subordinate courts and High Courts both within the jurisdiction where the Company's registered office is situated and within the territorial jurisdiction of India and also to the Supreme Court of India."

"FURTHER RESOLVED THAT Mr. Peter Paul, Legal Advisor, be and is hereby authorised to represent the Company, sign and file on oath affidavit, written statements/submissions, counter/rejoinder affidavits and any other paper, returns, document etc. and to make statement for and on behalf of the Company before the Central/State Government, statutory bodies and other related agencies and to generally do all acts, deeds and things in the best interest of the company."

For India Glycols Limited

**Ankur Jain
Company Secretary
Membership No. A-13315**

8