ASSAM PETRO-CHEMICALS LIMITED
(A Government of Assam Undertaking) I An ISO 9001:2008 Certified Company
CIN- U24116AS1971SGC001339, GSTN: 18AABCA6913A1Z6

Head Office & Factory Site:
Assam Petro-chemicals Ltd., Namrup, P.O. Parbatpur,
District: Dibrugarh, Assam-786623
Phone: (0374) 2500331/2500246/2500518, *Fax:* (0374) 2500231
Email: nrpapl@sancharnet.in, admin_apl@assampetro chemicals.co.in

Ref: APL/Proj/04/2023/720/309

Date: 16.12.2023

To
The Regional Officer,
Ministry of Environment, Forest and Climate Change,
Integrated Regional Office, Guwahati,
4th Floor, Housefed Building, GS Road
Rukminigaon, Guwahati-781022

Subject: Half-Yearly compliance report of Environmental Clearance (EC) of M/s Assam Petro-Chemicals Ltd. at Namrup, District- Dibrugarh, Assam

Respected Sir,

In compliance of the specific and general conditions as stipulated in the Environmental Clearance (EC) accorded by Ministry of Environment, Forest and Climate Change for the above expansion project, please find herewith our compliance report for the six-month period.

POINT NO	DESCRIPTION	APL's COMPLIANCE
A. SPECIFIC CONDITIONS		
(i)	Environment clearance is subject to their obtaining prior clearance from the Standing Committee of the National Board for Wildlife as applicable regarding Patkai Wildlife Sanctuary. Grant of environmental clearance does not necessarily imply that wildlife clearance shall be granted to the project and their proposals for wildlife clearance will be considered respective authorities on their merits and decision taken. No work at the site shall be started without prior permission. The investment made in the project, if any based on environmental clearance so granted, in anticipation of the clearance from wildlife angle shall be entirely at the cost and risk of the project proponent and Ministry of Environment & Forests shall not be responsible in this regard in any manner and all the recommendations shall be implemented in a time bound manner.	36th meeting of the Standing Committee of National Board for Wildlife (NBWL), held on Nov 4, 2015 at New Delhi, approved the project.
(ii)	The project proponent shall prepare a plan for reducing leopard-human and elephant-human conflict in consultation with the Wildlife/Forest Department of the Government of Assam within 10km of the project site.	We had prepared the management plan and the same was already submitted to your good office along with earlier compliances. The recommendations made in the report

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		were compiled which are mentioned below: - We are keeping close coordination with the Forest department for wildlife conflict. - There is no wildlife conflict reported till date. We are in constant touch with the respective Forest Range/Divisional office. - Permanent watch towers are already build inside the plant premises to keep vigil on any unauthorised activities. Further, a high-resolution CCTV with 1 km surveillance radius has been installed for 24 x 7 monitoring within the boundary and monitoring the probable conflict zones by our APL security personnel.
(iii)	Adequate stack height shall be provided to gas turbine as per CPCB/ Assam State Pollution Control Board (ASPCB) guidelines to disperse gases emission into the atmosphere. Low NOx burners shall be provided with on-line analysers.	Existing plant do not have provision for gas turbine. However, in the 500TPD Methanol Project, Stack of height 30 m has been installed for the Gas Turbine by following CPCB/ASPCB guidelines to disperse gas emission into the atmosphere.
(iv)	Ambient air quality data shall be collected as per NAAQES standards notified by the Ministry vide G.S.R.No.826 (E) dt.16th Sept,2009. The levels of PM2.5, PM10, SO2, NOx, CO and VOC shall be monitored in the ambient air and displayed at a convenient location near the main gate of the company and at important public places. The company shall upload the results of monitored data on its website and shall update the same periodically. It shall simultaneously be sent to the Regional office of MoEF, the respective Zonal office of CPCB and ASPCB. One air quality monitoring station shall be set up at Namrup Beat Office under Jeypore range of Dibrugarh Division of Forest Dept.	For the existing plant, the ambient air levels of PM2.5, PM10, SO_2, NOx, CO and VOC are continuously monitored through online system and displayed near the main gate of the company. (Photograph of regular online monitoring is enclosed as ***Annexure I*** for your ready reference). For 500TPD Methanol Project, the Real Time-Data Acquisition system for online continuous monitoring of ambient air quality has been installed at site. Uploading of data to CPCB and ASPCB server is in process
(v)	In plant control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Fugitive emissions shall be controlled providing closed storage, closed handling & conveyance of chemicals/materials, scrubber and water sprinkling system. Dust suppression system including water sprinkling system shall be	Complied. Regular monitoring of VOCs is done by engaging M/S Greenzone Environment Laboratory by collecting samples at different locations.(Reports are enclosed as ***Annexure II*** for your ready reference)

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	provided at loading and unloading areas to control dust emissions. Fugitive emissions in the work zone environment, product, raw materials, storage area etc. shall be regularly monitored. The emissions shall conform to the limits stipulated by the ASPCB. Regular monitoring of Volatile Organic Compound (VOCs) should be carried out.	
(vi)	For further control of fugitive emissions, following steps shall be followed: 1. Closed handling system shall be provided for chemicals. 2. Reflux condenser shall be provided over reactor. 3. System of leak detection and repair of pump/pipeline based on preventive maintenance. 4. The acids shall be taken from storage tanks to reactors through closed pipeline. Storage tanks shall be vented through trap receiver and condenser operated on chilled water. 5. Cathodic protecting shall be provided to the underground solvent storage tanks.	Following provisions has been taken: 1. Liquid drains containing Methanol are taken to closed blowdown system which is recycled. Gaseous vents containing H_2, CO, Methanol, CO_2, CH_4 are taken to flare through a relief network. 2. Not Applicable 3. Gas detection system is provided. Appropriate mechanical seals are provided for rotating machineries based on the services and operating conditions to avoid spillage of liquid. During operation, regular monitoring are carried out. Repairing / preventive maintenance are carried out on regular basis. 4. Not Applicable. Vents of the Methanol storage tanks are scrubbed in Vent Wash Column. 5. Cathodic protection has been provided for underground vessels like CBD drum, Methanol storage tank, buffer tanks, etc
(vii)	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution.	In the existing plant, DG sets are used only for emergency purpose and it is old indoor type. Adequate stack height for gas emissions and acoustic enclosure for DG sets as per CPCB standards has been provided in 500TPD Methanol project.

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(viii)	Total fresh water requirement from River Dilli shall not exceed 2809 m3/day after expansion and prior permission shall be obtained from the Competent Authority	Prior permission has already been received from the Competent Authority for withdrawal of water 8400 m3/day. However, total fresh water requirement from River Dilli will not exceed 2809 m3/day after expansion also.
(ix)	Industrial effluent generating shall not exceed 1443 m3/day. Industrial effluent shall be treated in ETP comprises primary, secondary and tertiary treatment facilities. RO rejects shall be concentrated in MEE. Treated effluent (894 m3/day) shall be reused/recycled in process or horticulture purpose. Water quality of treated effluent shall meet the norms prescribed by CPCB/ SPCB.	In the existing plant, effluent generated are continuously monitored and treated in ETP, meeting the norms prescribed by CPCB/SPCB. In 500TPD Methanol Plant, treated effluent is reused/recycled in process. Water quality of treated effluent is regularly monitored and is complying the norms prescribed by CPCB/ SPCB. RO-III rejects are treated in Zero liquid discharge plant (ZLDP). (Photograph of online effluent continuous monitoring is enclosed as ***Annexure III*** for your ready reference)
(x)	No effluent shall be discharged outside the premises and 'Zero' effluent discharge shall be followed.	We have implemented 'Zero' liquid discharge plant for 500TPD Methanol plant.
(xi)	Process effluent/ any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.	We have exclusive Storm water drain. Process effluent/ any wastewater is not mixed with storm water.
(xii)	Surface and ground water monitoring with regular interval will be done in the vicinity of the project by taking water samples from different locations to ensure that no objectionable waste water is flowing out of the operating plants which may have impact on any wildlife under the category of schedule -I fauna.	Surface and ground water monitoring is done on regular intervals by engaging M/S Greenzone Environment Laboratory. (Copy of the report is enclosed as ***Annexure IV*** for your ready reference).
(xiii)	Process organic residue and spent carbon shall be sent to cement industries. ETP sludge and MEE concentrates shall be disposed off to the TSDF, spent catalyst/resin shall be sent to authorized recycler/reprocessor.	Process spent catalyst and used lube oil are sent to authorized recycler/ re-processor at a regular interval. (Copy of the Manifest is enclosed as ***Annexure V*** for your ready reference).

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(xiv)	The company shall obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2008 and amended as on date for management of Hazardous wastes and prior permission from MPCB shall be obtained for disposal of solid/Hazardous waste in the TSDF. Measures shall be taken for fire facilities in case of emergency.	The Grant of Authorisation for collection, storage and disposal of hazardous waste under the Hazardous Wastes Rules - For existing unit, it is valid till 31.03.2028 - For 500TPD Methanol Project, it is valid till 31.03.2027 (Copy of the licenses is enclosed as ***Annexure VI*** for your ready reference).
(xv)	The company shall strictly comply with the rules and guidelines under Manufacture Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All Transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.	The company is complying with the rules and guidelines under Manufacture Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended from time to time.
(xvi)	All the recommendations made in the risk assessment report shall be satisfactorily implemented.	The recommendations are made basically on storage details of products and other materials, w.r.t. possible risks at plant area, i.e. pipeline rupture or leakage, materials storage/dyke fire (instantaneous release). All the recommendations made in the risk assessment report are satisfactorily implemented.
(xvii)	The unit shall make arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.	Fire fighting system for the existing plant and 500TPD Methanol project has been arranged as per the norms.
(xviii)	Occupational Health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Occupational Health surveillance of the workers are done on regular basis and recorded. For the year 2023, free health-check-up campaign was conducted on 9th July 2023
(xix)	Green Belt shall be developed in 9.538 acres of land. Selection of plant species shall be as per the CPCB guideline.	We have been maintaining and further developing green belt coverage.
(xx)	All the commitments made to the public during the Public Hearing/ Public Consultation meeting held on 6th September, 2012 shall be satisfactorily implemented and a separate budget for implementing the same shall be allocated and information submitted to the Ministry's Regional Office at Shillong.	All the commitment made to the public during the public hearing on Sept 6, 2012, has already been complied.

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(xxi)	At least 5% of the total cost of the project shall be earmarked towards the Enterprises Social Commitment and item-wise details along with time bound action plan should be prepared and submitted to the Ministry's Regional office at Shillong. Implementation of such program shall be ensured accordingly in a time bound manner.	The company has been undertaking CSR activities under the various heads, such as : 1. Free educational facility to poor students of the nearby locality of Company's Head Office and Factory at Namrup. The Company has been financing part of the operating cost of the APL Vasundhara Jatiya Vidyalaya, Namrup. 2. Under the Pradhan Mantri TB Mukt Bharat Abhiyaan, APL has provided nutritional food package to 42 nos. of TB patient registered under Naharani PHC, Dibrugarh for a period of 6 months
(xxii)	Provision shall be made for the housing for the construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile sewage treatment plant, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project. All the construction wastes shall be managed that there is no impact on the surrounding environment.	The project construction is completed and all the construction wastes are managed to not have impact on the surrounding environment. The construction wastes are stored in designated scrap yard and will accordingly be given to authorized vendor through proper channel.
B. GENERAL CONDITIONS		
(i)	The project authorities must strictly adhere to the stipulations made by the Assam Pollution Control Board (APCB), State Government and any other statutory authority.	The stipulations made by the Assam Pollution Control Board (APCB), State Government and any other statutory authority are being complied.
(ii)	No further expansion or modification in the project shall be carried out without prior approval of the Ministry of Environment & Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Noted.

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(iii)	The project authorities must strictly comply with the rules and regulations under Manufacture, Storage and Import of Hazardous Chemicals Rules, 2000 as amended subsequently. Prior approval from Chief Inspectorate of Factories, Chief Controller of Explosives, Fire Safety Inspectorate etc. Must be obtained, wherever applicable.	All the rules and regulations under Manufacture, Storage and Import of Hazardous Chemicals Rules, 2000 are complied.
(iv)	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under EPA Rules, 1989 viz. 75 dba (daytime) and 70 dba (night time).	Adequate noise control measures are adopted to keep overall noise levels in and around the plant area well within the standards. (Noise Monitoring enclosed as ***Annexure VII*** for your ready reference).
(v)	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.	Already complied and intimated to your good office.
(vi)	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MoEF, the respective Zonal Office of CPCB and the APCB. The Regional Office of this Ministry/CPCB/APCB shall monitor the stipulated conditions.	Noted.
(vii)	The environmental statement for each financial year ending 31st March in Form V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Offices of the MoEF by e-mail	The environmental statement for financial year 2022-2023 ending 31st March in Form V has been submitted. (Form-V statement enclosed as ***Annexure VIII*** for your ready reference).

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(viii)	The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the APCB and may also be seen at Website of the Ministry of Environment and Forests at http:/envfor.nic.in. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the Regional Office.	Already complied and intimated to your good office.
(ix)	Project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.	Already complied and intimated to your good office.

Thanking You,

For and on behalf of
Assam Petro-Chemicals Ltd.

(N. Patowary)
DGM (Production) & T.S. i/c

Copy to:

1.The Joint Director, Ministry of Environment, Forest and Climate Change, Govt. of India (I.A. Division), Indira Paryavaran Bhavan, Jor Bagh Road, Aliganj, New Delhi – 110003, for kind information please.

2. The Principal Secretary, Department of Environment & Forest, Govt. of Assam, Guwahati, Assam - 781006, for kind information please.

3. The Member Secretary, Assam Pollution Control Board, Bamunimaidam, Guwahati – 21, Assam, for kind information please.

4. The Executive Engineer, Regional Office, State Pollution Control Board Assam, Behind ASTC, Chowkidinghee, Dibrugarh – 786001, for kind information please.

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ASSAM PETROCHEMICALS LIMITED

data available at this portal is as per CPCB prescribed procedure published at

Category : PETROCHEMICAL | Industry Code : 11A5000 | Lat : 27.1973079169 | Long : 95.5955553528 | Last Updated : 18-Dec-2023 09:30:00

Home | Industry Info | Industry Representative | Station Details | CTO Details | Data Validation | Reports | PTZ Camera | Online Remote Calibration Check

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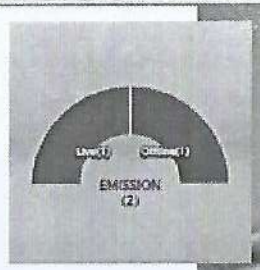

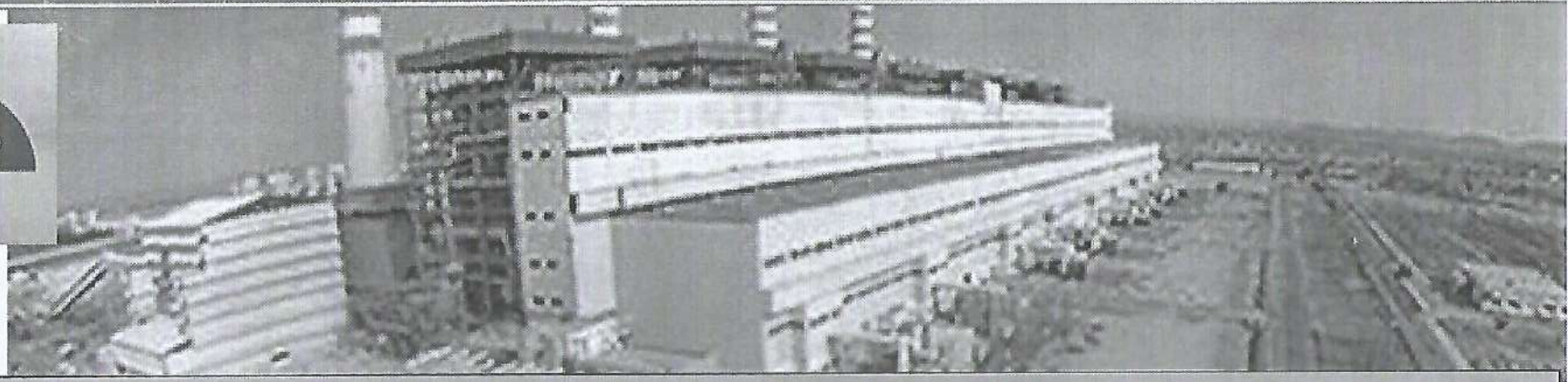

SO2 (Stack_1_Reformer_Methanol)	25.66 mg/Nm3	2023-12-12 16:30:00	Prescribed Standard - NAmg/Nm3		(SO2) Limit-NA, Val	View Details
Calorific value Gas	-	Calorific value Oil	-			
Gas Flow	-	Oil Flow	-			

SO2 (Stack_2_Boiler)	15.51 mg/Nm3	2023-12-16 09:30:00	Prescribed Standard - NAmg/Nm3		(SO2) Limit-NA, Val	View Details
Calorific value Gas	-	Calorific value Oil	-			
Gas Flow	-	Oil Flow	-			

ASSAM PETROCHEMICALS LTD. Namrup

ANNEXURE-

ASSAM PETROCHEMICALS LIMITED

Home | Industry Info | Industry Representative | Station Details | CTO Details | Data Validation | Report. | PTZ Camera | Online Remote Calibration Check

Live

EMISSION (2)

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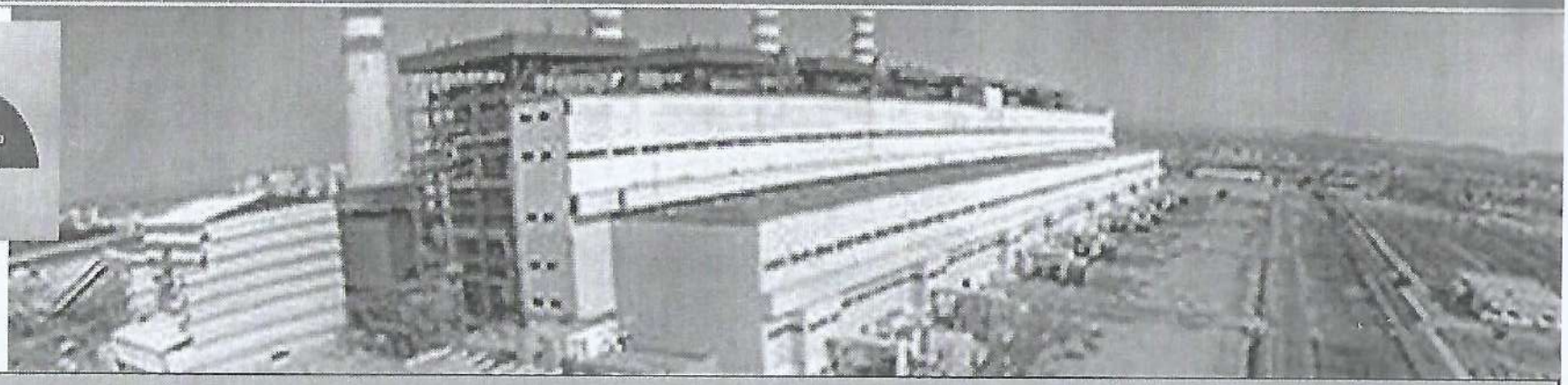

CO (Stack_1_Reformer_Methanol)	18.1 mg/Nm3	2023-12-12 16:30:00	Prescribed Standard - NAmg/Nm3		
Calorific value Gas	-	Calorific value Oil	-		
Gas Flow	-	Oil Flow	-		

CO (Stack_2_Boiler)	1.84 mg/Nm3	2023-12-16 09:30:00	Prescribed Standard - NAmg/Nm3		
Calorific value Gas	-	Calorific value Oil	-		
Gas Flow	-	Oil Flow	-		

ASSAM PETROCHEMICALS LTD Namrup

ASSAM PETROCHEMICALS LIMITED

Category : [illegible] | Industry Code : [illegible] | Lat : [illegible] | Long : [illegible] | Last Updated : [illegible]

Home | Industry Info | Industry Representative | Station Details | CTO Details | Data Validation | Reports | PTZ Camera | Online Remote Calibration Check

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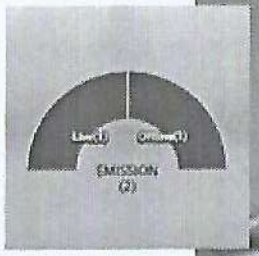
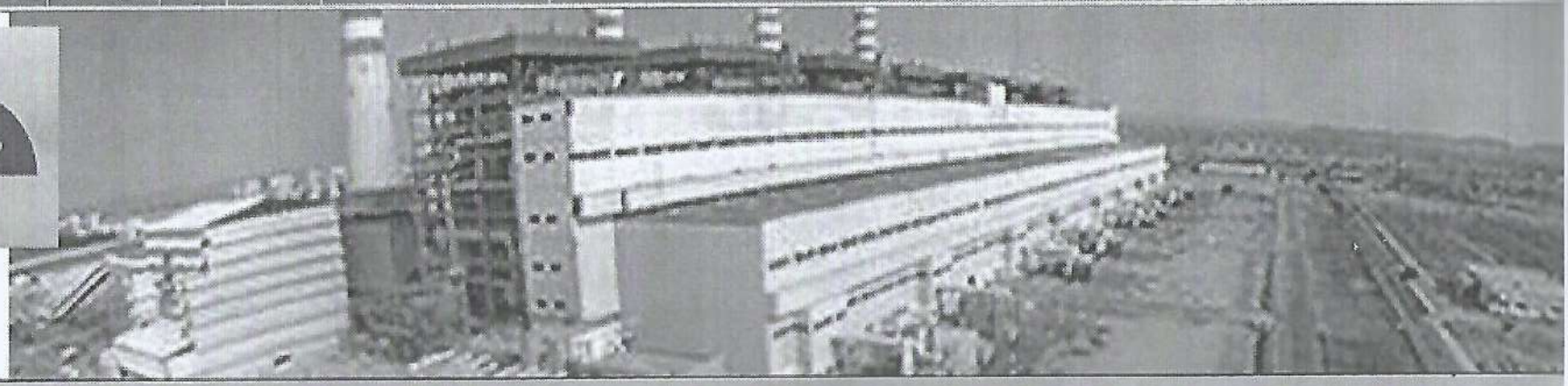
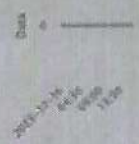




Prev | Next

NOX (Stack_1_Reformer_Methanol)	13.19 mg/Nm3	2023-12-12 16:30:00	Prescribed Standard - NAmg/Nm3			
Calorific value Gas	-	Calorific value Oil	-			
Gas Flow	-	Oil Flow	-			



View Details

NOX (Stack_2_Boiler)	15.53 mg/Nm3	2023-12-16 09:30:00	Prescribed Standard - NAmg/Nm3			
Calorific value Gas	-	Calorific value Oil	-			
Gas Flow	-	Oil Flow	-			

View Details

ASSAM PETROCHEMICALS LTD. Namrup

AN ISO 9001:2015 & ISO 45001:2018 CERTIFIED LAB

TEST REPORT

Report No: AAQ/23/11/00013 **Date of Issue: 23/11/2023**

Sample ID No: GZ/AAQ-166/23

Name & Address of Client	**ASSAM PETRO-CHEMICALS LTD.** **(A Govt. of Assam Undertaking)** P.O. Parbatpur-786623, DIST- Dibrugarh, Assam			
Sample Description	Type: Ambient Air			
	Source: Near Admin Gate			
Sample collected by	Greenzone Representative			
Sample Collection Particulars	Date 15/11/2023	Temperature 22°C	Hours 24 Hours	Sampling Method: As per Test Method

ANALYSIS REPORT

Sample Location: Near Admin Gate

Sl. No.	Parameters	Results	Test Method	Limit as per CPCB
01	Particulate Matter (PM_{10})	49.0(µg /m^3)	IS 5182 Part 23 Gravimetric:2006	100
02	Particulate Matter ($PM_{2.5}$)	24.0(µg /m^3)	IS 5182 Part 24 : 2019	60
03	Sulphur Dioxide(SO_2)	16.0(µg /m^3)	IS 5182 Part 2 : 2006	80
04	Nitrogen Dioxide (NO_2)	23.0(µg /m^3)	IS 5182 Part 6: 2001	80

Analyzed By:

Quality Manager
Greenzone, Digboi

Quality Manager (Pulakesh Dung)

Reviewed and Authorized By:

Lab. Director
Greenzone, Digboi

Lab Director (Jiten Gogoi)

NOTE:

1. Results reported are valid at the time of and under the prevailing conditions of measurement.
2. Results refer only to the particular parameters tested.
3. Remnant sample will be destroyed after 20 days from the date of receipt of sample.
4. This test report shall not be reproduced wholly or partly and cannot be used as an evidence in the court of law and should not be used in any advertising media without the written permission of M/S GREENZONE ENVIRONMENTAL LABORATORY, Digboi.

ASSAM PETROCHEMICALS LTD. Namrup

End of Report

ANNEXURE - II

M/s. GREENZONE

Recognised By
Pollution Control Board, Assam

greener future...

UNITED ACCREDITATION FOUNDATION UAF

AN ISO 9001:2015 & ISO 45001:2018 CERTIFIED LAB

TEST REPORT

Report No: VOC/23/11/00001
Sample ID No: GZ/VOC-03/23

Date of Issue: 23/11/2023

Name & Address of Client	**ASSAM PETRO-CHEMICALS LTD.** **(A Govt. of Assam Undertaking)** P.O. Parbatpur-786623, DIST- Dibrugarh, Assam			
Sample Description	Type: VOC			
Sample collected by	Greenzone Representative			
Sample Collection Particulars	Date 15/11/2023	Temperature 27°C	Hours 24 Hours	Sampling Method: As per Test Method

ANALYSIS REPORT

SL. NO	PARAMETERS	UNIT	Results	LIMITS	TEST METHOD
1	VOC(East Side)	(µg /m^3)	<1	NIL	CPCB GUIDELINES
2	VOC(West Side)	(µg /m^3)	<1	NIL	CPCB GUIDELINES
3	VOC(North Side)	(µg /m^3)	<1	NIL	CPCB GUIDELINES
4	VOC(South Side)	(µg /m^3)	<1	NIL	CPCB GUIDELINES

Analyzed By:

GREENZONE DL DIGBOI

Chief Chemist (DND Choudhury)

Reviewed and Authorized By:

Lab. Director
Greenzone, Digboi

Lab Director (Jiten Gogoi)

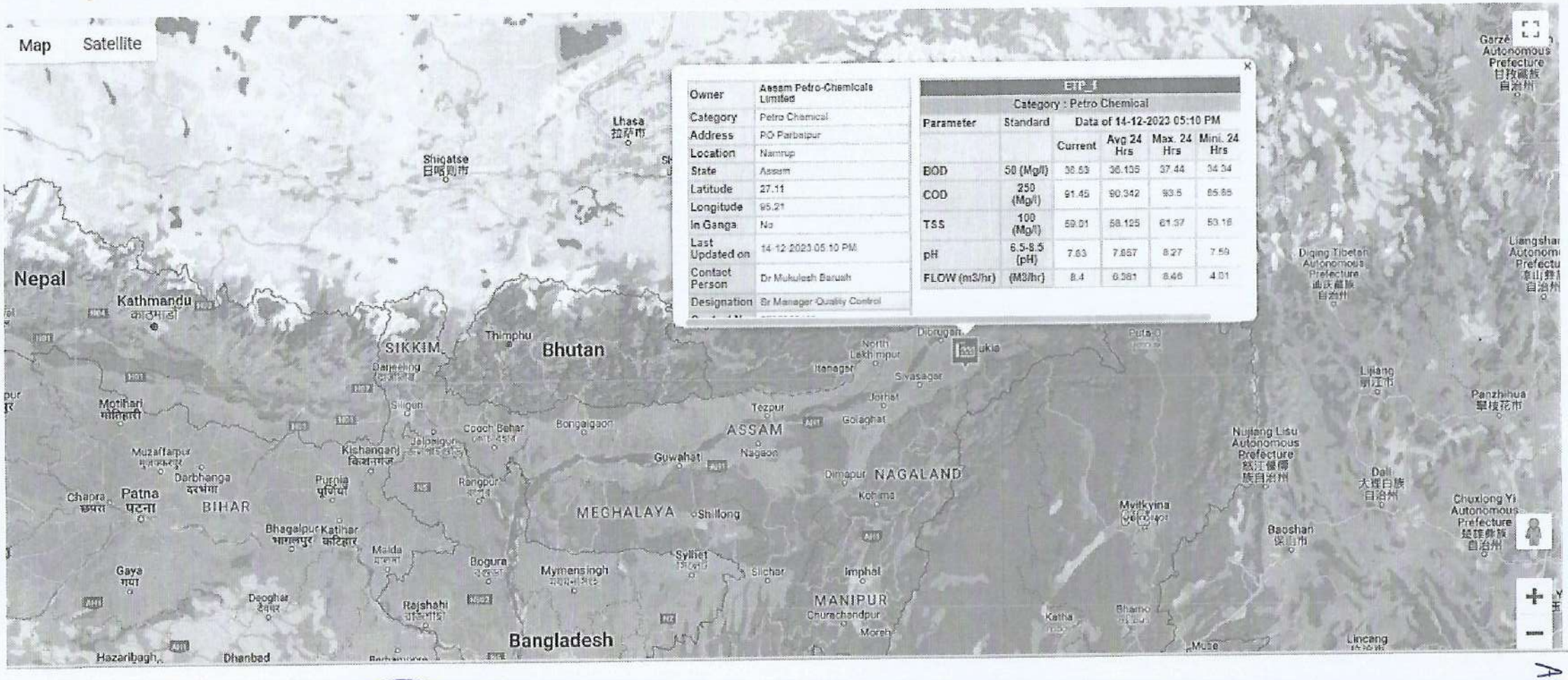
NOTE:

1. Results reported are valid at the time of and under the prevailing conditions of measurement.
2. Results refer only to the particular parameters tested.
3. Remnant sample will be destroyed after 20 days from the date of receipt of sample.
4. This test report shall not be reproduced wholly or partly and cannot be used as an evidence in the court of law and should not be used in any advertising media without the written permission of M/S GREENZONE ENVIRONMENTAL LABORATORY, Digboi.

ASSAM PETROCHEMICALS LTD. Namrup

End of Report

Janata Road, Digboi, Assam || Phone – 8473867743, 7002910486 || Email – greenzonedigboi@gmail.com



Owner	Assam Petro-Chemicals Limited
Category	Petro Chemical
Address	PO Parbatpur
Location	Namrup
State	Assam
Latitude	27.11
Longitude	95.21
In Ganga	No
Last Updated on	14-12-2023 05:10 PM
Contact Person	Dr Mukulesh Baruah
Designation	Sr Manager Quality Control

ETP_1

Category : Petro Chemical

Parameter	Standard	Data of 14-12-2023 05:10 PM			
		Current	Avg 24 Hrs	Max. 24 Hrs	Mini. 24 Hrs
BOD	50 (Mg/l)	36.53	36.135	37.44	34.34
COD	250 (Mg/l)	91.45	90.342	93.5	85.85
TSS	100 (Mg/l)	59.01	58.125	61.37	53.16
pH	6.5-8.5 (pH)	7.63	7.667	8.27	7.59
FLOW (m3/hr)	(M3/hr)	8.4	6.381	8.46	4.01

ASSAM PETROCHEMICALS LTD. Namrup

ANNEXURE - III

About us | Disclaimer | Change Password | Logout

Welcome Assam Petro-Chemicals Limited

xylem
Let's Solve Water

LIVE MAP | LIVE CAMERA | DATA | VALIDATION | REPORTS | OFFLINE STATIONS REASON

Select Data Type - Grid Graph Export

Advance Search | Quick Reports

Select an Owner and Station and Click add to see its air data. You may add multiple stations and select the parameters.

Industry Type : All

Company Name: ASSAM PETRO-CHEMICAL

Station : ASSAM PETRO-CHEMICAL

stations to view its data

Add Station
Add multiple

Check All

From : 01-10-2023 00:00

To : 13-12-2023 13:54

Time Base : 1 Hour

Value Type : Average

Range : Min. Max.

Generate Report

APL : ETP_1 Select All Unselect All X

pH BOD COD TSS FLOW

NA = Not Available | NA- Disabled By CPCB | Not Meeting Standard | Validated Data

Water Quality Monitoring System

Hourly Average Data from 01-10-2023 00:00 HRS to 13-12-2023 13:54 HRS

Company Name	Assam Petro-Chemicals Limited				
Station Name	ETP_1				
Parameter Name	pH	BOD	COD	TSS	FLOW (m3/hr)
Permissible Range	6.5 - 9.5 (pH)	50 (Mg/l)	250 (Mg/l)	100 (Mg/l)	-
13-12-2023 13:00:00	7.99	35.58	89.06	57.38	5.71
13-12-2023 12:00:00	7.98	35.46	88.75	57.03	5.49
13-12-2023 11:00:00	7.91	35.70	89.37	57.69	6.05
13-12-2023 10:00:00	7.86	35.48	88.71	56.70	5.89
13-12-2023 09:00:00	7.84	35.84	89.53	57.59	5.56
13-12-2023 08:00:00	7.82	35.95	89.76	57.87	5.38
13-12-2023 07:00:00	7.77	35.67	89.07	57.00	6.83
13-12-2023 06:00:00	7.72	35.86	89.52	57.61	6.13
13-12-2023 05:00:00	7.80	35.75	89.28	57.53	5.74
13-12-2023 04:00:00	7.84	35.60	88.85	57.16	6.65
13-12-2023 03:00:00	7.82	36.00	89.95	57.99	6.68
13-12-2023 02:00:00	7.79	36.02	89.94	57.90	5.57

ASSAM PETROCHEMICALS LTD
Namrup

ANNEXURE - III

ANNEXURE – IV

M/s. GREENZONE

Recognised By
Pollution Control Board, Assam

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UNITED ACCREDITATION FOUNDATION

AN ISO 9001:2015 & ISO 45001:2018 CERTIFIED LAB

TEST REPORT

Report No: GW/11/23/00026
Sample ID No: GZ/GW-166/23

Date of Issue: 23/11/2023

Name & Address of Client	**ASSAM PETRO-CHEMICALS LTD.** **(A Govt. of Assam Undertaking)** P.O. Parbatpur-786623, DIST- Dibrugarh, Assam.		
Sample Description	Type: Ground Water		
Sample collected by	Greenzone Representative		
Sample Collection Particulars	Date 15/11/2023	Quantity Drawn: 4 L	Sampling Method: As per Test Record

ANALYSIS REPORT

Sample Location: Near Hospital

Sl. No.	Parameters	Results	Desirable Limit
01	Temperature, °c	27	--
02	Colour (Hazen Units)	0 HU	5
03	Odour	Odourless	Unobjectionable
04	Turbidity, NTU	0 NTU	1
05	pH	7.1	6.5 – 8.5
06	Total Hardness (as $CaCO_3$), mg/l, *Max*	40.0mg/l	200
07	Alkalinity (as $CaCO_3$), mg/l, *Max*	24.0mg/l	200
08	Iron (as Fe), mg/l, *Max*	0.2mg/l	0.30
09	Chlorides (as Cl), mg/l, *Max*	9.0mg/l	250
10	Dissolved Solids, mg/l, *Max*	182.0mg/l	500
11	Calcium (as Ca), mg/l, *Max*	28.0mg/l	75
12	Magnesium (as Mg), mg/l, *Max*	12.0mg/l	30
13	Sulphate (as SO_4), mg/l, *Max*	6.0 mg/l	200
14	Nitrate (as NO_3), mg/l, *Max*	0.4mg/l	45
15	Fluoride (as F), mg/l, *Max*	BDL mg/l	1.0
16	Arsenic (as As), mg/l, *Max*	BDL mg/l	0.01
17	Lead (as Pb), mg/l, *Max*	BDL mg/l	0.01
18	Chromium, , mg/l,	BDL mg/l	0.05
19	Copper, mg/l,	BDL mg/l	0.001
20	Mercury, mg/l,	BDL mg/l	0.001
21	Zinc, mg/l,	0.084 mg/l	5.0
22	Cadmium, mg/l,	BDL mg/l	0.003
23	Cyanide, mg/l,	BDL mg/l	0.05
24	Pesticide, mg/l,	BDL mg/l	0.01
25	Total Coliform,MPN/100ml	Absent MPN/100ml	**
26	Fecal Coliform MPN/100 ml	Absent MPN/100ml	**

BDL-Below Detectable Limit
**-Not to be detected in 100 ml
[Analysis protocol:-IS: 10500:2012]

Analyzed By:

Quality Manager
Greenzone, Digboi

Quality Manager (Pulakesh Dung)

ASSAM PETROCHEMICALS LTD. Namrup

Reviewed and Authorized By:

Lab. Director
Greenzone, Digboi

Lab Director (Jiten Gogoi)

End Of Report

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M/s. GREENZONE

Recognised By
Pollution Control Board, Assam

UNITED ACCREDITATION FOUNDATION

AN ISO 9001:2015 & ISO 45001:2018 CERTIFIED LAB

TEST REPORT

Report No: SW/11/23/00025
Sample ID No: GZ/SW-165/23

Date of Issue: 23/11/2023

Name & Address of Client	**ASSAM PETRO-CHEMICALS LTD.** **(A Govt. of Assam Undertaking)** P.O. Parbatpur-786623, DIST- Dibrugarh, Assam.		
Sample Description	Type: Surface Water		
Sample collected by	Greenzone Representative		
Sample Collection Particulars	Date 15/11/2023	Quantity Drawn: 4 L	Sampling Method: As per Test Record

ANALYSIS REPORT

Sample Location: Near Namghar

Sl. No.	Parameters	Results	Desirable Limit
01	Temperature, °c	27	--
02	Colour (Hazen Units)	0 HU	5
03	Odour	Odourless	Unobjectionable
04	Turbidity, NTU	3 NTU	1
05	pH	6.9	6.5 – 8.5
06	COD (Chemical Oxygen Demand)	52.0 mg/l	Max 250
07	BOD (Biochemical Oxygen Demand)	21.0 mg/l	Max 30
08	Total Hardness (as $CaCO_3$), mg/l, *Max*	36.0mg/l	200
09	Alkalinity (as $CaCO_3$), mg/l, *Max*	21.0mg/l	200
10	Iron (as Fe), mg/l, *Max*	0.01mg/l	0.30
11	Chlorides (as Cl), mg/l, *Max*	11.0mg/l	250
12	Dissolved Solids, mg/l, *Max*	216.0mg/l	500
13	SS (Suspended Solid)	36.0mg/l	Max 100
14	Calcium (as Ca), mg/l, *Max*	28.9mg/l	75
15	Magnesium (as Mg), mg/l, *Max*	23.5mg/l	30
16	Sulphate (as SO_4), mg/l, *Max*	12.0 mg/l	200
17	Nitrate (as NO_3), mg/l, *Max*	0.5mg/l	45
18	Fluoride (as F), mg/l, *Max*	BDL mg/l	1.0
19	Pesticide,mg/l,	BDL mg/l	0.01
20	Copper, mg/l,	BDL mg/l	0.001
21	Mercury, mg/l,	BDL mg/l	0.001
22	Zinc, mg/l,	0.06 mg/l	5.0
23	Cadmium, mg/l,	BDL mg/l	0.003
24	Cyanide, mg/l,	BDL mg/l	0.05
25	Total Coliform,MPN/100ml	Absent MPN/100ml	**
27	Fecal Coliform MPN/100 ml	Absent MPN/100ml	**

BDL-Below Detectable Limit
**-Not to be detected in 100 ml
[Analysis protocol:-IS: 10500:2012]

Analyzed By:
Quality Manager
Greenzone, Digboi
Quality Manager (Pulakesh Dung)

ASSAM PETROCHEMICALS LTD. Namrup

Reviewed and Authorized By:
Lab. Director
Greenzone, Digboi
Lab Director (Jiten Gogoi)

End Of Report

greener future...

M/s. GREENZONE

Recognised By

Pollution Control Board, Assam

AN ISO 9001:2015 & ISO 45001:2018 CERTIFIED LAB

TEST REPORT

Report No: SW/11/23/00024
Sample ID No: GZ/SW-164/23

Date of Issue: 23/11/2023

Name & Address of Client	**ASSAM PETRO-CHEMICALS LTD.** **(A Govt. of Assam Undertaking)** P.O. Parbatpur-786623, DIST- Dibrugarh, Assam.		
Sample Description	Type: Surface Water		
Sample collected by	Greenzone Representative		
Sample Collection Particulars	Date 15/11/2023	Quantity Drawn: 4 L	Sampling Method: As per Test Record

ANALYSIS REPORT

Sample Location: Near Lab

Sl. No.	Parameters	Results	Desirable Limit
01	Temperature, °c	27	--
02	Colour (Hazen Units)	0 HU	5
03	Odour	Odourless	Unobjectionable
04	Turbidity, NTU	2 NTU	1
05	pH	6.8	6.5 – 8.5
06	COD (Chemical Oxygen Demand)	48.0 mg/l	Max 250
07	BOD (Biochemical Oxygen Demand)	18.0 mg/l	Max 30
08	Total Hardness (as $CaCO_3$), mg/l, *Max*	38.0mg/l	200
09	Alkalinity (as $CaCO_3$), mg/l, *Max*	23.0mg/l	200
10	Iron (as Fe), mg/l, *Max*	0.02mg/l	0.30
11	Chlorides (as Cl), mg/l, *Max*	12.0mg/l	250
12	Dissolved Solids, mg/l, *Max*	212.0mg/l	500
13	SS (Suspended Solid)	32.0mg/l	Max 100
14	Calcium (as Ca), mg/l, *Max*	26.0mg/l	75
15	Magnesium (as Mg), mg/l, *Max*	12.0mg/l	30
16	Sulphate (as SO_4), mg/l, *Max*	10.0 mg/l	200
17	Nitrate (as NO_3), mg/l, *Max*	0.3mg/l	45
18	Fluoride (as F), mg/l, *Max*	BDL mg/l	1.0
19	Pesticide,mg/l,	BDL mg/l	0.01
20	Copper, mg/l,	BDL mg/l	0.001
21	Mercury, mg/l,	BDL mg/l	0.001
22	Zinc, mg/l,	0.59 mg/l	5.0
23	Cadmium, mg/l,	BDL mg/l	0.003
24	Cyanide, mg/l,	BDL mg/l	0.05
25	Total Coliform,MPN/100ml	Absent MPN/100ml	**
26	Fecal Coliform MPN/100 ml	Absent MPN/100ml	**

BDL-Below Detectable Limit
**-Not to be detected in 100 ml
[Analysis protocol:-IS: 10500:2012]

Analyzed By:

Manager
Greenzone, Digboi
Quality Manager (Pulakesh Dung)

Reviewed and Authorized By:

Lab. Director
Greenzone, Digboi
Lab Director (Jiten Gogoi)

End Of Report

ANNEXURE - V

Form - 10
[See rule - 19(1)]

MANIFEST FOR HAZARDOUS AND OTHER WASTE

1.	Sender's Name and Mailing Address (including Phone No. and e-mail)	Assam Petro-chemicals Limited. Namrup, Dist-Dibrugarh - 786623 P.O- Parbatpur (M) 94024-76773
2.	Sender's Authorisation No.	WB/OTWA/HW-351/20-21/33/28 dt. 26/03/2020
3.	Manifest Document No.	01
4.	Transporter's Name and Address : (including Phone No. and e-mail	Armaan Refinery Pvt. Ltd, Haryana
5.	Type of Vehicle	(Truck / Tanker / Special Vehicle)
6.	Transporter's Registration No.	— NO —
7.	Vehicle Registration No.	UP-14KT-1146
8.	Receiver's Name and Mailing Address (including Phone No. and e-mail)	For Armaan Refinery Pvt. Ltd. Armaan Refinery Pvt. Ltd, Haryana.
9.	Receiver's Authorisation No.	Authorised Signatory HWM/RoH/2022/27332658 dt. 28/9/22
10.	Waste Description	1. Spent/Drain oil 2. Empty MS Drum of capacity 200 Ltr.
11.	Total Quantity No. of Containers	(1) 2.940 K.L. m³ or MT (2) 14 (fourteen) Nos
12.	Physical Form	(Solid / Semi-Solid / Sludge / Oily / Tarry / Slurry / Liquid)
13.	Special Handling Instructions and Additional Information	— do —
14.	Sender's Certificate	I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are categorised, packed, marked, and labelled, and are in all respects in proper conditions for transport by road according to applicable national govenment regulations
	Name and Stamp : Signature :	Month 05 Day 18 Year 2023
15.	Transporter ackowledgement of receipt of Wastes	
	Name and Stamp : For Armaan Refinery Pvt. Ltd. Authorised Signatory Signature :	Month 05 Day 18 Year 2023
16.	Receiver's Certificatetion for receipt of hazardous and other Waste	
	Name and Stamp : Signature :	Month 05 Day 18 Year 2023

ASSAM PETROCHEMICALS LTD. Namrup

TAX INVOICE

e-Invoice

IRN : 7f51f142d0e42bdad2c0f55ef3da756ebe97fa23508f374-fd8f6a20968d21be7
Ack No. : 182313622025663
Ack Date : 18-May-23

Assam Petro-Chemicals Limited - (2023-24)	Invoice No. APL/SS/23-24/4	e-Way Bill No. 891313233704	Dated 18-May-23
Buyer (Bill to) **Armaan Refinery Pvt. Ltd.** Khasra 160 181 Village Ismaila 11B Sampla Rohtak - 124501 GSTIN/UIN : 06AASCA3681L1Z4 State Name : Haryana, Code : 06	Delivery Note	Mode/Terms of Payment
	Dispatch Doc No.	Delivery Note Date
	Dispatched through	Destination **HARYANA**
	Bill of Lading/LR-RR No.	Motor Vehicle No. **UP14K1146**
	Terms of Delivery	

Description of Goods	HSN/SAC	GST Rate	Quantity	Rate	per	Amount
SPENT DRAIN OIL SCRAP	84099990	18 %	**2.94 ltr**	55,019.00	ltr	**161,755.86**
M S Drum	72041000	18 %	**14.00 nos**	800.00	nos	**11,200.00**
						172,955.86
IGST				*18*	*%*	**31,132.05**
TCS on Sale of Scrap						**2,041.00**
						206,128.91
Rounded Off						**0.09**
Total						**₹ 206,129.00**

Amount Chargeable (in words) E. & O.E

INR Two Hundred Six Thousand One Hundred Twenty Nine Only

Company's GSTIN/UIN : **18AABCA6913A1Z6**
Company's PAN : **AABCA6913A**

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

for Assam Petro-Chemicals Limited - (2023-24)

Authorised Signatory

SUBJECT TO DIBRUGARH JURISDICTION

This is a Computer Generated Invoice

ASSAM PETROCHEMICALS LTD. Namrup

ANNEXURE - VI

Pollution Control Board:: Assam
Bamunimaidam; Guwahati-21
(Department of Environment & Forests :: Government of Assam)
Phone: 0361-2652774 & 3150318; Fax: 0361-3150319
Website: www.pcbassam.org

No. WB/T-311/21-22/170 Dated Guwahati the, 29 June, 2022

FORM – 2
[See Rule 6(2)]

[Grant of Authorization under the Provision of the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016]

1. Number of Authorisation and date of issue : **No. WB/T-311/21-22/ dtd. .05.2022**
2. Reference of application (No. and date) : **401686**
3. **M/S Assam Petro-Chemicals Limited, Namrup, P.O: Parbatpur, Dist: Dibrugarh (Assam),** is hereby granted an authorisation based on the signed inspection report for Generation, storage And transportation of hazardous or other wastes or both.

DETAILS OF AUTHORISATION

Sl. No.	Category of Hazardous Waste as per the Schedules-I, II & III of these rules	Authorised mode of disposal or recycling or utilization or co-processing, etc.	Quantity (ton/annum)	Mode of Management
1	Schedule-I, Sl.No. 1.6 : Spent catalyst and molecular sieves	Generation, Storage & Transportation	42MT/Annum	Transportation to authorized actual user/Recyclers
2.	Schedule-I, Sl.No. 1.4 : Organic residues	Generation, Storage & Transportation	80 MT/Annum	Transportation to authorized actual user/Recyclers/Disposal Facility

4. **This authorization shall be in force for the period of five (5) year up to 31.03.2027 unless otherwise revoked or withdrawn within this period.**
5. The authorisation is subject to the following general and specific conditions:

A. GENERAL CONDITIONS OF AUTHORISATION:

1. The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
2. The authorisation or its renewal shall be produced for inspection at the request of an officer authorised by the State Pollution Control Board.
3. The person authorised shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorization.
4. The agencies should ensure that the barrels are decontaminated before collection in the premises of the occupier / generator equipped with adequate effluent treatment plant.
5. Any unauthorised change in personnel, equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorization.
6. The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time
7. The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time
8. The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty"

ASSAM PETROCHEMICALS LTD Namrup

9. It is the duty of the authorised person to take prior permission of the State Pollution Control Board to close down the facility.
10. The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.
11. The record of consumption and fate of the imported hazardous and other wastes shall be maintained.
12. The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilisation of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorization.
13. The importer or exporter shall bear the cost of import or export and mitigation of damages if any.
14. An application for the renewal of an authorisation shall be made as laid down under these Rules.
15. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.
16. Annual return shall be filed by June 30th for the period ensuring 31st March of the year.

B. SPECIFIC CONDITIONS:

1. The unit shall maintain the records of Hazardous & Other Wastes in Form-3 under provision of Rules 6(5), 13(7), 14(6), 16(5) & 20(1)
2. The unit shall provide the Transporter with the relevant information in Form-9 regarding the hazardous nature of the wastes and measures to be taken in case of an emergency
3. The unit shall submit Annual Returns in Form-4 to State Pollution Control Board by 30th June of every year for the preceding period April to March.
4. The unit shall prepare 6 (six) copies of the manifest in From-10 as per Rules-19(1) for every transit of consignment of hazardous Waste under this authorization.
5. Any other conditions for compliance as per the guidelines issued by the Ministry of Environment, Forests & Climate Change, GOI. New-Delhi & Central Pollution Control Board, Delhi shall be complied.
6. The unit shall submit an Environmental Statement for the financial year ending on 31st March, in Form–V of the Environment (Protection) Rules, 1986 before 30th September every year.
7. Any occupier handling hazardous or other wastes and operator of the treatment, storage and disposal facility shall ensure that the hazardous and other wastes are packaged in a manner suitable for safe handling, storage and transport as per the guidelines issued by the Central Pollution Control Board from time to time. The labelling shall be done as per Form 8.
8. The unit shall submit the report on any accident occurs at their facility immediately to the state Pollution Control Board, in Form-11 of the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.
9. The transport of the hazardous and other waste shall be in accordance with the provisions of Rule 18 of Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.
10. The unit shall install a display board in the prescribed format in accordance with PCBA notification vide. WB/T-237/ 19-20/95 dated 17.08.2020 and regularly update the same.

(Shantanu Kr. Dutta)
Member Secretary

Memo No. WB/T-311/21-22/170-A/138

Dated Guwahati the, 29 June, 2022

Copy to:

1. M/S Assam Petro-Chemicals Limited, Namrup, P.O: Parbatpur , Dist: Dibrugarh (Assam), for information & necessary action.

(Shantanu Kr. Dutta)
Member Secretary

ANNEXURE - VI

Pollution Control Board:: Assam
Bamunimaidam; Guwahati-21
(Department of Environment & Forests ::
Government of Assam)
Phone: 0361-2652774 & 2550258 : website: www.pcbassam.org

No. WB/DIB/T- 1704/Pt- I/10-11/206 Dated Guwahati the 5th Oct. 2023

FORM – 2
[See Rule 6(2)]

[Grant of Authorization under the Provision of the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016]

1. Number of Authorisation and date of issue : **No. WB/DIB/T-1704/Pt – I/10-11/206**
2. Reference of application (No. and date) : **1645272**
3. **M/s Assam Petro-Chemicals Limited, Namrup, P.O: Parbatpur, Dist: Dibrugarh (Assam),** is hereby granted an authorisation based on the signed inspection report for Generation, Storage And Transportation of hazardous or other wastes or both.

DETAILS OF AUTHORISATION

Sl. No.	Category of Hazardous Waste as per the Schedules-I, II & III of these rules	Authorised mode of disposal or recycling or utilization or co-processing, etc.	Quantity (ton/annum)	Mode of Management
1	Schedule-I, Sl.No. 1, Category 1.6 : Spent catalyst and molecular sieves	Generation, Storage & Transportation	12.73 MT/Annum	Transportation to authorized actual user/Recyclers
2	Schedule-I, Sl.No.1, Category 1.4 : Organic residues	Generation , Storage & Transportation	1.4 KL/Annum	Transportation to authorized actual user/Recyclers/Disposal Facility
3	Schedule- I, Sl. No. 5, Category 5.1 : Used Oil	Generation , Storage & Transportation	2.9 KL/Annum	Transportation to registered Recyclers

4. **This authorization shall be in force for the period of five (5) years up to 31.03.2028 unless otherwise revoked or withdrawn within this period.**
5. The authorisation is subject to the following general and specific conditions:

A. GENERAL CONDITIONS OF AUTHORISATION:

1. The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
2. The authorisation or its renewal shall be produced for inspection at the request of an officer authorised by the State Pollution Control Board.
3. The person authorised shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorization.
4. The agencies should ensure that the barrels are decontaminated before collection in the premises of the occupier / generator equipped with adequate effluent treatment plant.
5. Any unauthorised change in personnel, equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorization.
6. The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time
7. The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty"

ASSAM PETROCHEMICALS LTD. Namrup

8. It is the duty of the authorised person to take prior permission of the State Pollution Control Board to close down the facility.

9. The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.

10. The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilisation of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorization.

11. An application for the renewal of an authorisation shall be made as laid down under these Rules.

12. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.

B. SPECIFIC CONDITIONS:

1. The unit shall maintain the records of Hazardous & Other Wastes in Form-3 under provision of Rules 6(5), 13(7), 14(6), 16(5) & 20(1)

2. The unit shall provide the Transporter with the relevant information in Form-9 regarding the hazardous nature of the wastes and measures to be taken in case of an emergency

3. The unit shall submit Annual Returns in Form-4 to State Pollution Control Board by 30th June of every year for the preceding period April to March.

4. The unit shall prepare 6 (six) copies of the manifest in From-10 as per Rules-19(1) for every transit of consignment of hazardous Waste under this authorization.

5. Any other conditions for compliance as per the guidelines issued by the Ministry of Environment, Forests & Climate Change, GOI. New-Delhi & Central Pollution Control Board, Delhi shall be complied.

6. The unit shall submit an Environmental Statement for the financial year ending on 31st March, in Form–V of the Environment (Protection) Rules, 1986 before 30th September every year.

7. Any occupier handling hazardous or other wastes and operator of the treatment, storage and disposal facility shall ensure that the hazardous and other wastes are packaged in a manner suitable for safe handling, storage and transport as per the guidelines issued by the Central Pollution Control Board from time to time. The labelling shall be done as per Form 8.

8. The unit shall submit the report on any accident occurs at their facility immediately to the state Pollution Control Board, in Form-11 of the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.

9. The transport of the hazardous and other waste shall be in accordance with the provisions of **Rule 18** of Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.

10. The unit shall install a display board in the prescribed format in accordance with PCBA notification vide. PCBA / LGL-95 / 2021/ Notification /01, dtd. 11.11.2021 and regularly update the same.

11. The unit shall register on the **"National Hazardous Waste Tracking System"** in the online portal https://geo.nic.in/nhwts . The unit shall subsequently update all the relevant information pertaining to the unit and submit daily records of Hazardous waste generation on the portal.

(Shantanu Kr. Dutta)
Member Secretary

Memo No. No. WB/DIB/T- 1704/Pt- I/10-11/206 (A) 202 Dated Guwahati the 5th Oct , 2023

Copy to:

M/S Assam Petro-Chemicals Limited, Namrup, P.O: Parbatpur , Dist: Dibrugarh (Assam), for information & compliance of conditions.

(Shantanu Kr. Dutta)
Member Secretary

ANNEXURE - VII

M/s. GREENZONE

greener future...

Recognised By
Pollution Control Board, Assam

UNITED ACCREDITATION FOUNDATION

AN ISO 9001:2015 & ISO 45001:2018 CERTIFIED LAB

TEST REPORT

Report No: AN/23/11/00018
Sample ID No: GZ/AN-160A/23

Date of Report: 23/11/2023

Name & Address of Client	**ASSAM PETRO-CHEMICALS LTD.** **(A Govt. of Assam Undertaking)** P.O. Parbatpur-786623, DIST- Dibrugarh, Assam.
Sample Description	Type: Ambient Noise Level Monitoring
Sample collected by	Greenzone Representative
Sample Collection Particulars	15/11/2023

ANALYSIS REPORT

(Day Time)

Sl. No.	Location	Maximum (dB-A)	Minimum (dB-A)	L_{eq} (dB-A)
1.	Near Guest House Gate	67	62	64.4
2.	Near Canteen	70	63	67.0
3.	Near Laboratory & industry Area	69	60	65.1
4.	Near D.M. Plant	75	66	71.2
5.	Near Boiler Area	73	67	69.9

Analyzed By:

GREENZONE Dt. ..... DIGBOI

Chief Chemist (DND Choudhury)

Reviewed and Authorized By:

Lab. Director
Greenzone, Digboi

Lab Director (Jiten Gogoi)

NOTE:

1. Results reported are valid at the time of and under the prevailing conditions of measurement.
2. Results refer only to the particular parameters tested.
3. Remnant sample will be destroyed after 20 days from the date of receipt of sample.
4. This test report shall not be reproduced wholly or partly and cannot be used as an evidence in the court of law and should not be used in any advertising media without the written permission of M/S GREENZONE ENVIRONMENTAL LABORATORY, Digboi.

ASSAM PETROCHEMICALS LTD. Namrup

** End of Report **

ANNEXURE - VII

M/s. GREENZONE

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UNITED ACCREDITATION FOUNDATION

AN ISO 9001:2015 & ISO 45001:2018 CERTIFIED LAB

TEST REPORT

Report No: AN/23/11/00018
Sample ID No: GZ/AN-160B/23

Date of Report: 23/11/2023

Name & Address of Client	**ASSAM PETRO-CHEMICALS LTD.** **(A Govt. of Assam Undertaking)** P.O. Parbatpur-786623, DIST- Dibrugarh, Assam.
Sample Description	Type: Ambient Noise Level Monitoring
Sample collected by	Greenzone Representative
Sample Collection Particulars	15/11/2023

ANALYSIS REPORT

(Night Time)

Sl. No.	Location	Maximum (dB-A)	Minimum (dB-A)	L_{eq} (dB-A)
1.	Near Production Unit	61	52	57.6
2.	Near Security Gate No.5	49	42	47.2
3.	Near Namghar Area	56	45	51.2
4.	Near Admin Office	56	49	53.5
5.	Near Main Gate	57	50	53.8

Analyzed By:

GREENZONE DIGBOI

Chief Chemist (DND Choudhury)

Reviewed and Authorized By:

Lab. Director
Greenzone, Digboi

Lab Director (Jiten Gogoi)

NOTE:

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** End of Report **

Janata Road, Digboi, Assam || Phone – 8473867743, 7002910486 || Email – greenzonedigboi@gmail.com

ANNEXURE - VII

M/s. GREENZONE

Recognised By
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UNITED ACCREDITATION FOUNDATION

AN ISO 9001:2015 & ISO 45001:2018 CERTIFIED LAB

TEST REPORT

Report No: AN/23/11/00018
Sample ID No: GZ/AN-160A/23

Date of Report: 23/11/2023

Name & Address of Client	**ASSAM PETRO-CHEMICALS LTD.** **(A Govt. of Assam Undertaking)** P.O. Parbatpur-786623, DIST- Dibrugarh, Assam.
Sample Description	Type: Ambient Noise Level Monitoring
Sample collected by	Greenzone Representative
Sample Collection Particulars	15/11/2023

ANALYSIS REPORT

(Night Time)

Sl. No.	Location	Maximum (dB-A)	Minimum (dB-A)	L_{eq} (dB-A)
1.	Near Guest House Gate	60	50	53.3
2.	Near Canteen	55	51	53.7
3.	Near Laboratory & industry Area	50	40	49.0
4.	Near D.M. Plant	60	52	57.1
5.	Near Boiler Area	61	53	57.8

Analyzed By:

GREENZONE DIGBOI Dt. .....

Chief Chemist (DND Choudhury)

Reviewed and Authorized By:

Lab. Director
Greenzone, Digboi

Lab Director (Jiten Gogoi)

NOTE:
1. Results reported are valid at the time of and under the prevailing conditions of measurement.
2. Results refer only to the particular parameters tested.
3. Remnant sample will be destroyed after 20 days from the date of receipt of sample.
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** End of Report **

ANNEXURE – VIII

FORM V
(See Rule 14)

Environmental Statement for the financial year ending on 31st March 2023

PART A

(i) **Name and address of the owner/ occupier of the industry operation or process.**

Mr. Rajnesh Gogoi
Managing Director
Assam Petro-chemicals Limited, Namrup
P.O. Parbatpur, Dist – Dibrugarh
Pin – 786623, Assam

Tel : 03742500331 Fax: 03742500231
Email: md@assampetrochemicals.co.in

(ii) **Industry category Primary- (STC Code) Secondary- (STC Code).**

Red Category, 1057 Petrochemical Manufacturing

(iii) **Production capacity- Units_**

Methanol 3000 Tonnes/ Month
Formalin 3750 Tonnes/ Month

(iv) **Year of establishment**

June 1976

(v) **Date of the last environmental statement submitted.**

Last Environmental Statement was submitted on **30th June 2022.**

PART B

Water and Raw Material Consumption

1. **Water consumption**
   m^3/ d

   Process: 48 m^3/day
   Cooling: 624 m^3/day
   Domestic:1690 m^3/day

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UTTAM DEY
DGM (Technical Services)
Assam Petro-Chemicals Ltd.
Namrup

Name of Products	Process water consumption per unit of product output	
	During the previous financial year	During the current financial year
For Existing Plant		
Methanol	7.8 m^3/MT	7.7 m^3/MT
Formalin	0.62 m^3/MT	0.65 m^3/MT
For Proposed Plant		
Methanol	Not Applicable	Not Applicable

2. **Raw Material Consumption**

*Name of Materials	Name of Products	Consumption of raw material per unit	
		During the previous financial year	During the current financial year
For Existing Plant			
Natural Gas	Methanol	36136001 NM^3	36410776 NM^3
Methanol	Formalin	22155 MT	20144 MT
For Proposed Plant			
Natural Gas	Methanol	Not Applicable	Not Applicable

***Industry may use codes if disclosing details of raw materials would violate contractual obligations, otherwise all industries have to name the raw material used.**

PART C

Pollution discharged to environment/unit of output.

(Parameter as specified in the consent issued)

Pollution	Quantity of pollutants discharged (mass/ day)	Concentration of pollutants in discharges (mass/ volume)	Percentage of variation from with reasons
For Existing Plant			
Water	Enclosed in Annexure I, II		
Air	Enclosed in Annexure III, IV		
For Proposed Plant			
Water	Zero Liquid Discharge Plant		
Air	Enclosed in Annexure III, IV		

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UTTAM DEY
DGM (Technical Services)
Assam Petro-Chemicals Ltd.
Namrup

PART D

Hazardous Wastes
(as specified under Hazardous Wastes (Management and Handling) Rules, 1989

Hazardous Wastes	Total Quantity (KL)	
	During the previous financial year	During the current financial year
For Existing Plant		
(1) Process	Category 1.6, Spent Catalyst: NIL	Category 1.6, Spent Catalyst: 7.388KL
	Category 5.1, Used Oil NIL	Category 5.1, Used Oil: 2.800KL
(2) From Pollution Control Facilities	Not Applicable	
For Proposed Plant		
(1) Process	Not Applicable	
(2) From Pollution Control Facilities	Not Applicable	

PART E

Solid Wastes

	Total Quantity (KL)	
	During the previous financial year	During the current financial year
For Existing Plant		
(1)Process	Category 1.6, Spent Catalyst: NIL	Category 1.6, Spent Catalyst: 7.388KL
(1)From Pollution Control Facilities	Not Applicable	
(2)Quantity recycled or reutilised within the unit	Not Applicable	
For Proposed Plant		
(1) Process	Not Applicable	
(2) From Pollution Control Facilities	Not Applicable	
(2) Quantity recycled or reutilised within the unit	Not Applicable	

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DGM (Technical Services)
Assam Petro-Chemicals Ltd.
Namrup

PART F

Please specify the characterization (in terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

Form 4 of Hazardous Waste Annual Return is enclosed herewith.

PART G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production.

- We have been adopting green belt development programme for conservation of soil and protection of environment in the plant and office premises.

- In the 500 TPD Methanol project,

  - The plant is based on steam methanol reforming process. It is energy efficient and reliable conversion of natural gas feedstock.
  - Zero Liquid Discharge (ZLD) plant has been provided to reduce effluent emission.

PART H

Additional measures/ investment proposal for environmental protection including abatementof pollution, prevention of pollution.

Budgetary allocation for Environmental Management and pollution control systems for the proposed integrated project is Rs 9 crores at capital cost and recurring cost per annum 40 lakhs.

PART I

Any other particulars for improving the quality of the environment.

- Celebration of Environment Day by planting of trees as part of Green Belt development.

- To reduce dust pollution, we used to spray water in and around the 500TPD project site and residential colony area on regular basis.

ASSAM PETROCHEMICALS LTD Namrup

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Assam Petro-Chemicals Ltd.
Namrup