



ASSAM PETRO-CHEMICALS LIMITED

(A Government of Assam Undertaking) | An ISO 9001:2008 Certified Company
CIN- U24116AS1971SGC001339, GSTN: 18AABCA6913A1Z6

Head Office & Factory Site:
Assam Petro-chemicals Ltd., Namrup, PO. Parbalpur,
District. Dibrugarh, Assam-786623
Phone: (0374) 2500331/2500246/2500518. Fax: (0374) 2500231
Email: nrapl@sancharnet.in admin_apl@assampetrochemicals.co.in

Date: 11/07/2022

Ref: APL/Proj/04/2022/720-Vol 2/110

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

Reference: EC letter No.: F.no J-11011/469/2011-IA II (I) dated 19.05.2014

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.	36 th meeting of the Standing Committee of National Board for Wildlife (NBWL), held on Nov 4, 2015 at New Delhi, approved the project.



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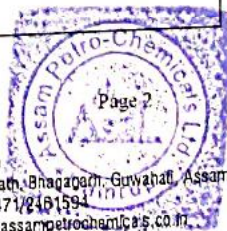
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(ii)	<p>The project proponent shall prepare a plan for reducing leopard-human and elephant-human conflict in consultation with the Wildlife/Forest Department of the Government of Assam within 10km of the project site.</p>	<p>We have already prepared the management plan and the same was already submitted to your good office along with earlier compliances.</p> <p>We have already complied some of the recommendations made in the report, some of which are mentioned below:</p> <p>Recommendation 1 : Keep a vigil on human wildlife conflict.</p> <p>We are keeping close coordination with the Forest department for wildlife conflict. In this connection, our Company had constructed 02(two) nos. of iron cages which were handed over to the Jeypore Range Forest Officer.</p> <p>Recommendation 2: Regular monitoring of the conflict incidents.</p> <p>As of now we have not been reported any wildlife conflict. We are in constant touch with the respective Forest Range/Divisional office.(A copy of cover letters are enclosed as <i>Annexure I</i> for your ready reference)</p> <p>Recommendation 3: Watch tower</p> <p>Three numbers of permanent watch towers were already build near the Wildlife Sanctuary inside the project 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.</p>
(iii)	<p>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 NO_x burners shall be provided with on-line analysers.</p>	<p>Existing plant do not have provision for gas turbine.</p> <p>However, in the 500TPD Methanol Project, adequate stack height has been installed in the Gas Turbine by following CPCB/ASPCB guidelines to disperse gas emission into the atmosphere, and also low NO_x burners are provided with online analysers.</p>

[Signature]





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(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, SO ₂ , NO _x , 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 , NO _x , CO and VOC are continuously monitored through online system and displayed near the main gate of the company. (Photograph of regular online monitoring displayed near the main gate is enclosed as <i>Annexure II</i> for your ready reference). For 500TPD Methanol Project, the provision for online continuous monitoring of ambient air quality has already been installed at site.
(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 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.	In the existing plant, we have been closely handling chemicals/materials. Provision for the same is also made in the 500TPD Methanol Project. Checking of fugitive emissions from different sources, has been done by engaging M/S Greenzone Environment Laboratory by collecting samples at different locations.(Recent analysis Reports are enclosed as <i>Annexure III</i> for your ready reference)
(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 the reactor. 3. System of leak detection and repair of pump/pipeline based on preventive maintenance.	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, CO ₂ , CH ₄ , Methanol are taken to flare through a relief network. 2. Not applicable. 3. Gas detection system provided. Appropriate mechanical seals are provided for rotating machineries based on the services and operating conditions to avoid spillage of

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	<p>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.</p> <p>5. Cathodic protection shall be provided to the underground solvent storage tanks.</p>	<p>liquid. During operation, regular monitoring will be carried out so that repairing/preventive maintenance shall be carried out on regular basis.</p> <p>4. The acids shall be taken from storage tanks to reactors through closed pipeline Not applicable.</p> <p>Vents of the Methanol Storage tanks will be scrubbed in Vent Wash Column before combustion in the 500TPD Methanol project.</p> <p>5. Cathodic protection shall be provided for underground vessels like CBD drum, Methanol Storage tanks, Buffer tanks etc in the 500TPD Methanol Project.</p>
(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.	<p>In the existing plant, DG sets are used only for emergency purpose and it is an old indoor type.</p> <p>Adequate stack height for gas emissions and acoustic enclosure for DG sets has been provided in 500TPD Methanol project as per CPCB standards.</p>
(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	<p>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.</p>

Signature





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(ix)	Industrial effluent generating shall not exceed 1443 m ³ /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 m ³ /day) shall be reused/recycled in process or horticulture purpose. Water quality of treated effluent shall meet the norms prescribed by CPCB/ SPCB.	<p>In the existing plant, effluents generated are continuously monitored and treated in ETP, meeting the norms prescribed by CPCB/SPCB.</p> <p>(Screenshot of the OCMS for ETP is enclosed as <i>Annexure IV</i> for your ready reference)</p> <p>During normal operation of the plant, the treated effluent will be reused/recycled in process or horticulture purpose.</p> <p>Water block package for 500TPD Methanol Plant has been designed to meet the norms prescribed by CPCB/ SPCB.</p>
(x)	No effluent shall be discharged outside the premises and 'Zero' effluent discharge shall be followed.	For the 500 TPD Methanol project, the "Zero" liquid discharge plant has been constructed with required standards. Total Capacity of ZLDP is 80m ³ /day. (The photograph of ZLDP is enclosed as <i>Annexure V</i> for your ready reference)
(xi)	Process effluent/ any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.	Storm water drain has been designed and the construction for the same has been completed accordingly.
(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 recent report is enclosed as <i>Annexure VI</i> 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.

J. N. Wajanta





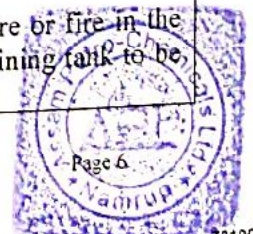
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(xiv)	The company shall obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2008 and amended as on date for management of Hazardous wastes and 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.	For the existing plant, Grant of Authorisation for collection, storage and disposal of hazardous waste under the Hazardous Wastes Rules is valid till 25.05.2023 & we are renewing as per stipulated time frame. For the 500 TPD Methanol Project, Grant of Authorisation under the Provision of the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 was granted on 29/06/2022. (Copy of the license is enclosed as Annexure VII 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. The company is implementing the Integrated Guidance Framework for Chemical Safety in respect of the Isolated Storages and Industries covered under 'Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules 1989'.
(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). The implementation of recommendation for the same is as below which are under construction. 1. Storage Tanks: arrangements like independent high level alarm and trip of liquid inlet line, low level alarm and provision of auto deluge water sprinkler system for its bulk storage tank. 2. The turbine building, switch-yard, transformer yard, administrative building, pantry, first-aid centre, fire station, etc. are located safely in light of worst accident scenarios. 3. In case of any tank on fire or fire in the vicinity, the cooling of adjoining tank to be resorted promptly.

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		<p>4. The night vision and wind sock is mounted on top of administrative building and dyke area is to have adequate illumination so that people can move in upwind directions in event massive spillage.</p> <p>5. Population growth around the plant and the colony are watched by appropriate authorities so that unauthorised growth of shanty colonies and hutments around the plant is avoided.</p> <p>No machinery of vital importance like firefighting pump house, hydrant and fuel oil pump house will be placed within the radiation contours of 32kw/m² heat intensity.</p>
(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.	<p>Fire fighting system for the existing plant has been arranged as per the norms.</p> <p>And for 500TPD Methanol project, the arrangement for protection of possible fire hazards and fire fighting system is under execution. (A copy of the approved Fire water layout is enclosed as Annexure VIII for your ready reference)</p>
(xviii)	Occupational Health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	<p>Occupational Health surveillance of the workers are done on regular basis and recorded. For the year 2022, routine health check-up of all the employees is under schedule.</p>
(xix)	Green Belt shall be developed in 9.538 acres of land. Selection of plant species shall be as per the CPCB guideline.	<p>We have been maintaining and further developing green belt in the existing and new project site.</p> <p>The existing factory area has already been developed as the "Green Belt" area with a further plan to cover 35% of the total new project area as the "Green Belt" area and more efforts are being continued for protection of environment. On 5th June 2022 as a part of the Environment day program, a tree plantation drive was organised and a good number of trees were planted for the Green Belt development of the Company.</p> <p>(Photos of the tree plantation program 2022 are enclosed as Annexure IX for your ready reference.)</p>



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		Further a notice from the Pollution Control Board (PCBA) regarding the Prohibition, Stocking, Distribution, Sale & use of Single Use Plastic (SUP) items for effective waste management within the company premises as well as its surroundings has been noted and circulated to all the respective departments.
(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.
(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 various CSR activities, (A copy is enclosed as <i>Annexure X</i> for your ready reference)
(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.	All the contractors working at project site has been provided with all the necessary infrastructure & welfare facilities such as housing or space for hutments, drinking water, health care, etc.



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[Signature]

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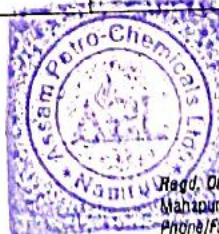


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B. GENERAL CONDITIONS		
(i)	The project authorities must strictly adhere to the stipulations made by the Assam Pollution Control Board (APCB), State Government and any other statutory authority.	The stipulations made by the Assam Pollution Control 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.
(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.	The authorisation for the 500TPD Methanol Project is being done. Prior approval from Chief Inspectorate of Factories, prior approval from Chief Controller of Explosives has been already obtained for 500 TPD Methanol Project. (A copy is enclosed as <i>Annexure XI</i> for your ready reference)
(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).	In the existing plant, we are adopting all control measures and noise level is within the limit. In the 500TPD Methanol Project, all control measures have been taken into design consideration such as acoustic hoods, silencers, enclosures, etc. on all source of noise generation (The noise level monitoring report by M/S Greenzone Environment Laboratory is enclosed as <i>Annexure XII</i> 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.





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(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 2021-2022 ending 31st March in Form V has been submitted. (A copy is enclosed as <i>Annexure XIII</i> for your ready reference)
(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.

(S. Naha)

Elect- Project & T.S. (i/c)





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Copy to:

1. Dr. Sudheer Chintalapati, 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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ANNEXURE I

Date: 06/05/2022

Ref: APL/Proj/04/2022/75

To,

The Range Officer

Jeypore Range Office,

Dibrugarh, Assam

Sub : Request for report/certificate on human animal conflicts in the vicinity of APL's Project site.

Dear Sir,

With reference to the subject cited above we would like to inform you that owing to the statutory compliance required for receiving the Environment Clearance from the Ministry of Environment and Forests, the compliance required under specific condition clause(ii) section A directs us to prepare a plan for reducing leopard-human conflict in consultation with the Wildlife/ Forest department of the Govt. of Assam within 10km from the project site. With respect to the same, we had previously provided you with two(02) nos. of iron cages to capture wild animals straying into the village areas as a part of the Emergency Wildlife Management Plan.

Further, in this regard we would like to request you to kindly provide us with a report/certificate on latest incidents (if any) of human-leopard and human-elephant conflicts in the vicinity.

Thanking you,

Yours sincerely,

S. Naha

DGM(Elect.- Proj & TS i/c)

Received by
Sub-Off-1
10/05/2022

Mayuri Deka
Off-1 (T.S.)

S. Naha
DGM (Elect.-Proj. & TS i/c)
Assam Petro-chemicals Ltd.
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(Signature)



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CIN-1224504ASSAM PETRO-CHEMICALS LTD. 2016-17-1777Head Office & Factory Site:
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District Dibrugarh, Assam-786023
Phone (0374) 2500331/2500245/2500518, Fax (0374) 2500231
Email: admin_apl@assampetrochemicals.co.in

Ref: APL/Proj/04/2022/78

Date: 28/04/2022

To,

The Beat Officer,

Namrup Forest Division

Namrup

Dibrugarh, Assam

Sub : Request for report/certificate on human animal conflicts in the vicinity of APL's Project site.

Dear Sir,

With reference to the subject cited above we would like to inform you that owing to the statutory compliance required for receiving the Environment Clearance from the Ministry of Environment and Forests, the compliance required under specific condition clause (ii) section A directs us to prepare a plan for reducing leopard-human conflict in consultation with the Wildlife/ Forest department of the Govt. of Assam within 10km from the project site. With respect to the same, we had previously provided you with two (02) nos. of iron cages to capture wild animals straying into the village areas as a part of the Emergency Wildlife Management Plan.

Further, in this regard we would like to request you to kindly provide us with a report/certificate on latest incidents (if any) of human-leopard and human-elephant conflicts in the vicinity.

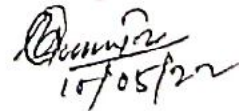
Thanking you,

Yours sincerely.



S. Naha 2022/04/28.

DGM(Elect.- Proj & TS i/c)


Received

 10/05/22

S. Naha
 DGM (Elect.-Proj. & TS i/c)
 Assam Petro-chemicals Ltd.
 Namrup

Copy to: The Range Officer, Joypur Forest Division, Joypur, Dist.:Dibrugarh – for kind information



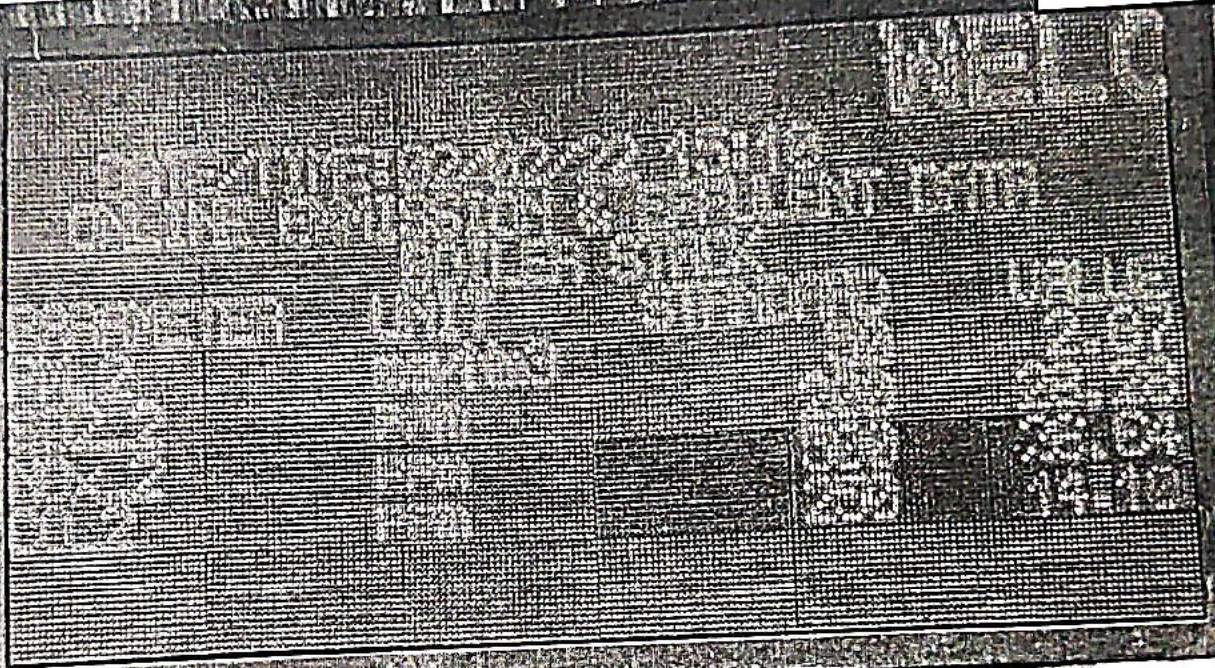
Mayuri Deka



Jyoti Deka

Regd. Office: 4th Floor, Orion Place
 Mahapurush Srimanta Sankardev Path, Bhengagarh, Guwahati, Assam-781005
 Phone/Fax: (0361) 2461470/2461471/2461594
 Email: apgww@bent.in Web: www.assampetrochemicals.co.in

ANNEXURE II



ONLINE CONTINUOUS AMBIENT AIR QUALITY MONITORING DISPLAY

[Handwritten signature]

S.Naha
DGM (Elect.-Proj. & TS I/c)
Assam Petro-chemicals Ltd.
Namrup





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M/s. GREENZONE

Recognised By

Pollution Control Board, Assam

Janata Road, Digboi, Assam

Ph. 9401904228

e-mail : greenzonedigboi@gmail.com

JAS-ANZ



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ISO 9001:2008



ANNEXURE III

AMBIENT AIR QUALITY TEST RESULTS

ASSAM PETRO-CHEMICALS LTD.

(A Govt. of Assam Undertaking)

P.O. Parbatpur-786623, DIST-Dibrugarh, Assam

LOCATION	NEAR LAB AREA
Date of measurement	01/06/2022
Laboratory Reference No.	GZ/AAQ-31/22
Work order no.	APL/QC/22-23/01, Dated, 27-05-2022

Test Results

SL. NO	PARAMETERS	UNIT	Location	LIMITS	TEST METHOD
			LAB AREA		
1	Particulate Matter (PM ₁₀)	($\mu\text{g}/\text{m}^3$)	52	100	IS 5182(23)
2	Particulate Matter (PM _{2.5})	($\mu\text{g}/\text{m}^3$)	35	60	CPCB GUIDELINES
3	Sulphur Dioxide (SO ₂)	($\mu\text{g}/\text{m}^3$)	16	80	IS 5182(2)
4	Nitrogen Dioxide (NO ₂)	($\mu\text{g}/\text{m}^3$)	25	80	IS 5182(VI)
5	Carbon Monoxide (CO)	(mg/m^3)	<0.1	02	IS 5182 (22)

Note: The parameters tested on the specific period are in accordance with the NAAQ Standards, CPCB NOTIFICATION DATED 18th NOVEMBER 2009

Analyzed and verified by:

Incharge, Laboratory

Authorized Signatory:

GREENZONE



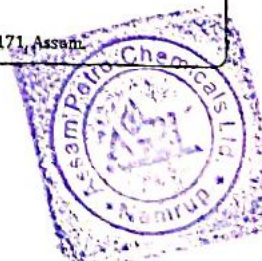
NOTE: 1. Results reported are valid at the time of and under the prevailing conditions of measurement.

2. Results refer only to the particular parameters tested.

3. This test report shall not be reproduced except in full, without the written permission of GREENZONE, Digboi Janata Road, Digboi - 786171, Assam.

S. Naha

S. Naha
DGM (Elect.-Proj. & TS I/c)
Assam Petro-chemicals Ltd.
Namrup





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e-mail : greenzonedigboi@gmail.com

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ANNEXURE III

AMBIENT AIR QUALITY TEST RESULTS

ASSAM PETRO-CHEMICALS LTD.
(A Govt. of Assam Undertaking)
P.O. Parbatpur-786623, DIST-Dibrugarh, Assam

LOCATION	NEAR GUEST HOUSE
Date of measurement	01/06/2022
Laboratory Reference No.	GZ/AAQ-33/22
Work order no.	APL/QC/22-23/01, Dated, 27-05-2022

Test Results

SL. NO	PARAMETERS	UNIT	Location	LIMITS	TEST METHOD
			LAB AREA		
1	Particulate Matter (PM ₁₀)	($\mu\text{g}/\text{m}^3$)	50	100	IS 5182(23)
2	Particulate Matter (PM _{2.5})	($\mu\text{g}/\text{m}^3$)	37	60	CPCB GUIDELINES
3	Sulphur Dioxide (SO ₂)	($\mu\text{g}/\text{m}^3$)	14	80	IS 5182(2)
4	Nitrogen Dioxide (NO ₂)	($\mu\text{g}/\text{m}^3$)	21	80	IS 5182(VI)
5	Carbon Monoxide (CO)	(mg/m^3)	<0.1	02	IS 5182 (22)

Note: The parameters tested on the specific period are in accordance with the NAAQ Standards, CPCB
NOTIFICATION DATED 18th NOVEMBER 2009

Analyzed and verified by:

Incharge, Laboratory



Authorized Signatory:



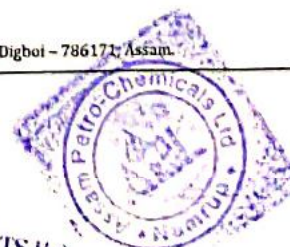
NOTE: 1. Results reported are valid at the time of and under the prevailing conditions of measurement.

2. Results refer only to the particular parameters tested.

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[Signature]

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Assam Petro-chemicals Ltd.
Namerup





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Ph. 9401904228

e-mail : greenzonedigboi@gmail.com

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ANNEXURE III

AMBIENT AIR QUALITY TEST RESULTS

ASSAM PETRO-CHEMICALS LTD.

(A Govt. of Assam Undertaking)

P.O. Parbatpur-786623, DIST-Dibrugarh, Assam

LOCATION	NEAR ADMIN BUILDING
Date of measurement	01/06/2022
Laboratory Reference No.	GZ/AAQ-32/22
Work order no.	APL/QC/22-23/01, Dated, 27-05-2022

Test Results

SL. NO	PARAMETERS	UNIT	Location	LIMITS	TEST METHOD
			LAB AREA		
1	Particulate Matter (PM ₁₀)	($\mu\text{g}/\text{m}^3$)	49	100	IS 5182(23)
2	Particulate Matter (PM _{2.5})	($\mu\text{g}/\text{m}^3$)	32	60	CPCB GUIDELINES
3	Sulphur Dioxide (SO ₂)	($\mu\text{g}/\text{m}^3$)	19	80	IS 5182(2)
4	Nitrogen Dioxide (NO ₂)	($\mu\text{g}/\text{m}^3$)	27	80	IS 5182(VI)
5	Carbon Monoxide (CO)	(mg/m^3)	<0.1	02	IS 5182 (22)

Note: The parameters tested on the specific period are in accordance with the NAAQ Standards, CPCB

NOTIFICATION DATED 18th NOVEMBER 2009

Analyzed and verified by:

Authorized Signatory:

Incharge, Laboratory

GREENZONE



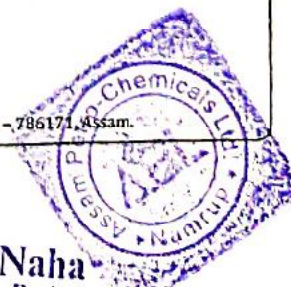
NOTE: 1. Results reported are valid at the time of and under the prevailing conditions of measurement.

2. Results refer only to the particular parameters tested.

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[Signature]

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Namrup





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Ph. 9401904228

e-mail : greenzonedigboi@gmail.com

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GROUP: 1, 006 CH



ANNEXURE III

AMBIENT AIR QUALITY TEST RESULTS

ASSAM PETRO-CHEMICALS LTD.
(A Govt. of Assam Undertaking)
P.O. Parbatpur-786623, DIST-Dibrugarh, Assam

Laboratory Ref. No.	GZ/VOC-01/2022
Date of measurement	01/06/2022
Location	ASSAM PETRO- CHEMICALS LTD.
Work Order No.	APL/QC/22-23/01, Dated, 27-05-2022

Test Results

SL. NO	PARAMETERS	UNIT	Results	LIMITS	TEST METHOD
1	VOC(East Side)	($\mu\text{g}/\text{m}^3$)	<1	NIL	CPCB GUIDELINES
2	VOC(West Side)	($\mu\text{g}/\text{m}^3$)	<1	NIL	CPCB GUIDELINES
3	VOC(North Side)	($\mu\text{g}/\text{m}^3$)	<1	NIL	CPCB GUIDELINES
4	VOC(South Side)	($\mu\text{g}/\text{m}^3$)	<1	NIL	CPCB GUIDELINES

Analyzed and verified by:

Incharge, Laboratory


GREENZONE

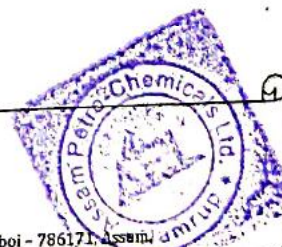

Authorized Signatory:




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.

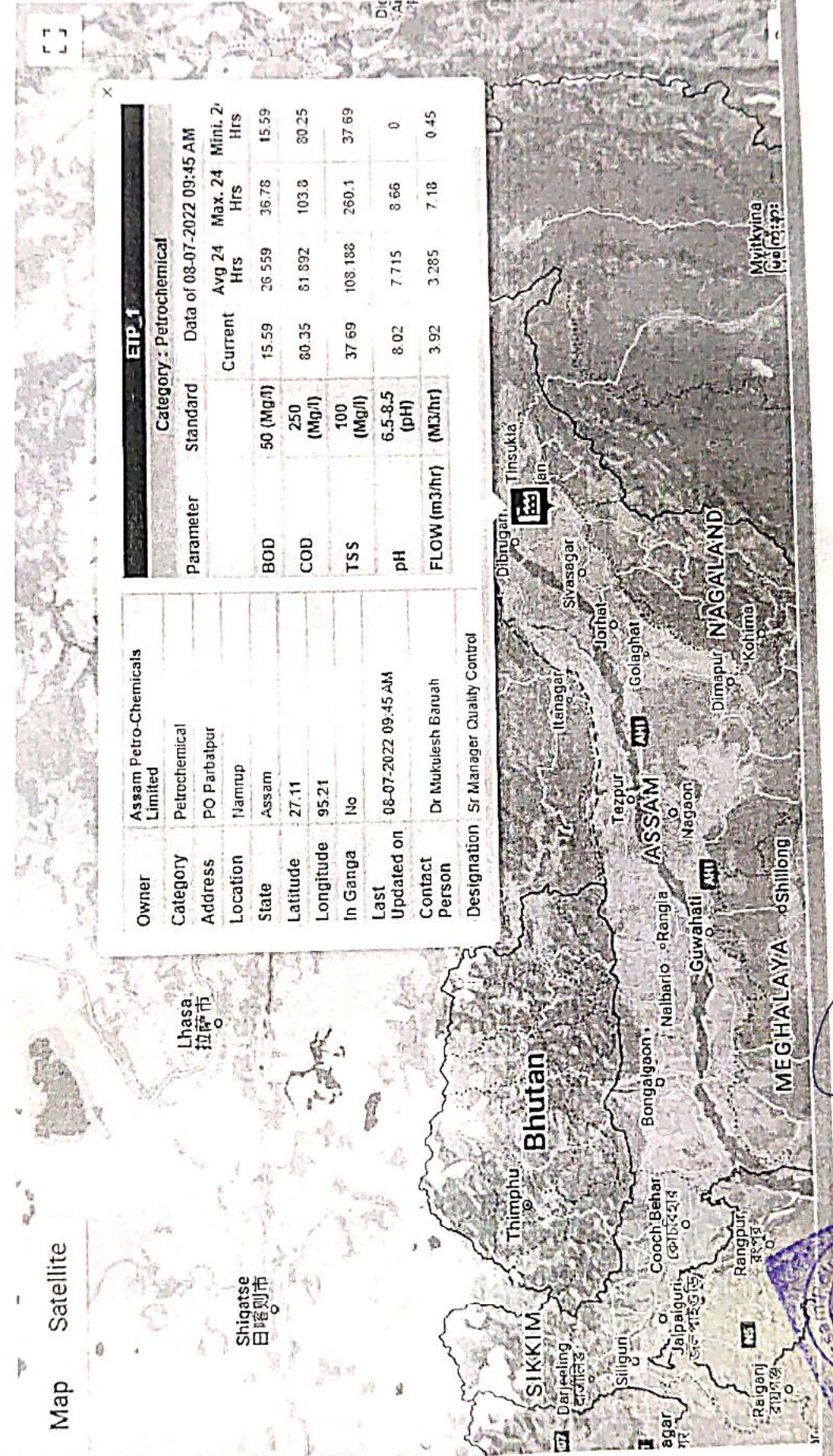
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Assam Petro-chemicals Ltd.
Namrup

Map Satellite

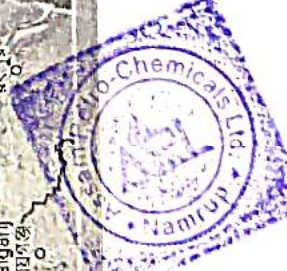


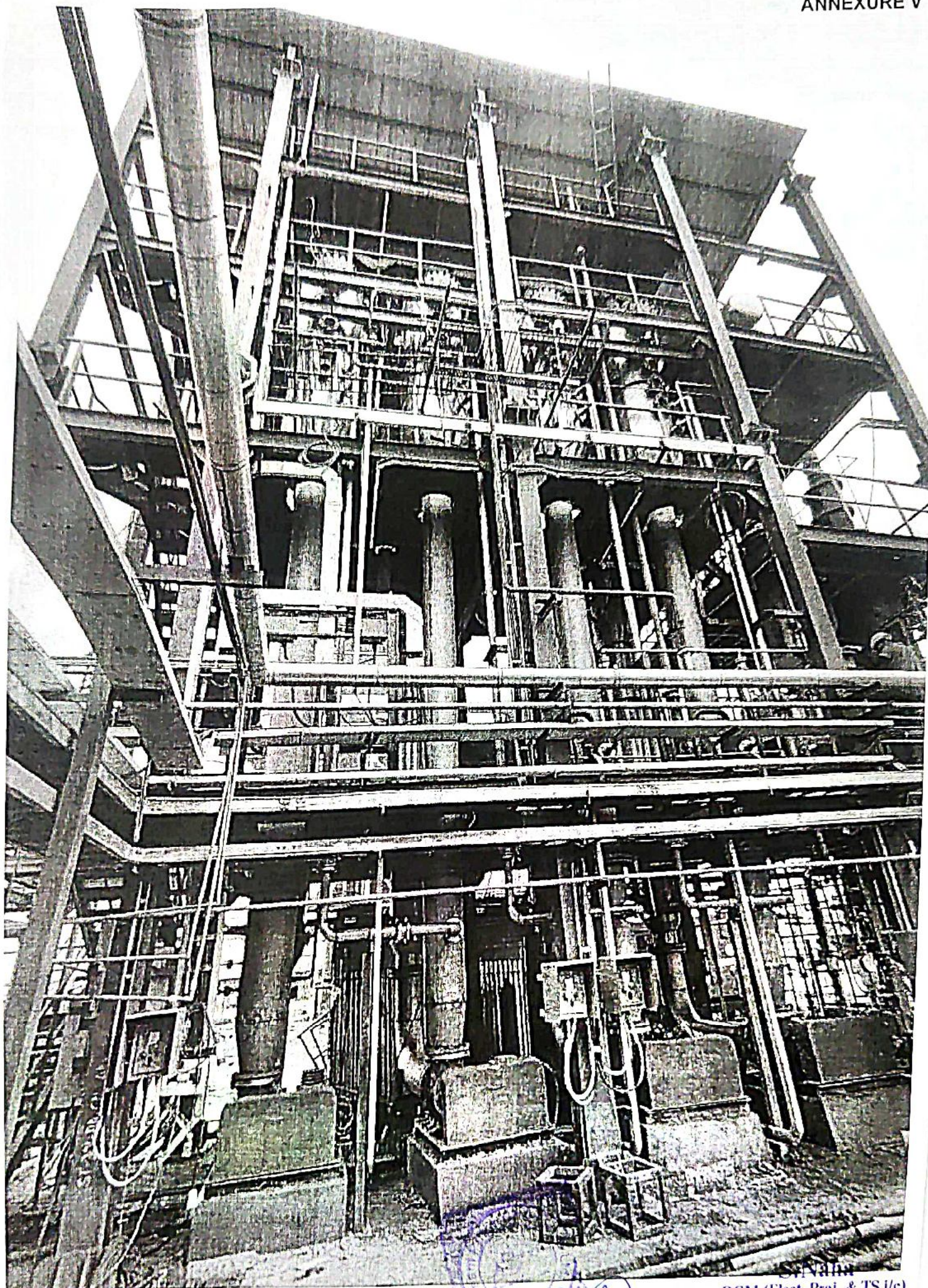
Owner	Assam Petro-Chemicals Limited
Category	Petrochemical
Address	PO Parbatpur
Location	Namrup
State	Assam
Latitude	27.11
Longitude	95.21
In Ganga	No
Last Updated on	08-07-2022 09:45 AM
Contact person	Dr Mukulesh Baruah
Designation	Sr Manager Quality Control

ANNEXURE IV

S.Naha
 DGM (Elect.-Proj. & TS i/c)
 Assam Petro-chemicals Ltd.
 Namrup

[Signature]





[Handwritten signature]

S. Naim
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Assam Petro-chemicals Ltd.
Namrup



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Ph. 9401904228
e-mail : greenzonedigboi@gmail.com

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ANNEXURE VI

Laboratory Ref no.GZ/TW-20/22

Date of issue: 10/06/2022

SURFACE WATER ANALYSIS RESULTS

ASSAM PETRO-CHEMICALS LTD.
(A Govt. of Assam Undertaking)
P.O. Parbatpur-786623, DIST-Dibrugarh, Assam

Sample Collection Date: 01/06/2022

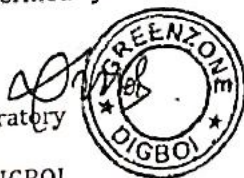
Sl. No.	Parameters	Surface Water Near Batching Plant
		21
01	Temp (°C)	6.9
02	pH	None
04	Odour	0 NTU
05	Turbidity, NTU, Max	26.0 mg/l
06	Total Hardness (as CaCO ₃),	15.0 mg/l
07	Calcium as CaCO ₃	11.0 mg/l
08	Magnesium as CaCO ₃	12.0 mg/l
09	Total Alkalinity	0.2 mg/l
10	Iron as Fe	1.1 mg/l
11	Nitrate as NO ₃	Nil mg/l
12	Ammonical Nitrogen	0.05 mg/l
13	Phosphate as P	0.15 mg/l
14	Fluoride	3.3 mg/l
15	Sodium as Na	1.0 mg/l
16	Potassium	84.0 mg/l
17	Total Dissolved Solids	8.9 mg/l
18	Chlorides as Cl	BDL mg/l
19	Mineral Oil	7.3 mg/l
20	Sulphate as SO ₄	BDL mg/l
21	Pesticides	BDL mg/l
22	Arsenic as AS	BDL mg/l
23	Chromium as Cr (T)	BDL mg/l
24	Lead as Pb	BDL mg/l
25	Cadmium as Cd	0.221 mg/l
26	Zinc as Zn	BDL mg/l
27	Cyanide as CN	BDL mg/l
28	Mercury as Hg	Nil MPN/100 ml
29	Total Coliform	Nil MPN/100 mL
30	Fecal Coliform	

Note: BDL=Below Detection limit,

Analyzed and verified by:

Incharge, Laboratory

GREENZONE,DIGBOI



Authorized Signatory:



S. Naha

S.Naha
DGM (Elect.-Proj. & TS I/c)
Assam Petro-chemicals Ltd.
Namerup



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Pollution Control Board, Assam

Janata Road, Digboi, Assam

Ph. 9401904228

e-mail : greenzonedigboi@gmail.com

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ISO 9001:2008



ANNEXURE VI

Laboratory Ref no.GZ/TW-21/22

Date of issue: 10/06/2022

GROUND WATER ANALYSIS RESULTS

ASSAM PETRO-CHEMICALS LTD.

(A Govt. of Assam Undertaking)

P.O. Parbatpur-786623, DIST-Dibrugarh, Assam

Sample Collection Date: 01/06/2022

Sl. No.	Parameters	Ground Water Near Batchng Plant	Desirable Limit
01	Temp (°C)	21	Nil
02	pH	6.6	6.5 - 8.5
03	Odour	None	Unobjectionable
04	Turbidity, NTU, Max	0 NTU	1
05	Total Hardness (as CaCO ₃),	22.0 mg/l	200
06	Calcium as CaCO ₃	13.0 mg/l	75
07	Magnesium as CaCO ₃	9.0 mg/l	30
08	Total Alkalinity	19.0 mg/l	200
09	Iron as Fe	0.2 mg/l	0.30
10	Nitrate as NO ₃	1.2 mg/l	45
11	Ammonical Nitrogen	Nil mg/l	--
12	Phosphate as P	0.06 mg/l	--
13	Fluoride	0.12 mg/l	1.0
14	Sodium as Na	29 mg/l	--
15	Potassium	1.0 mg/l	--
16	Total Dissolved Solids	78.0 mg/l	500
17	Chlorides as Cl	9.2 mg/l	250
18	Mineral Oil	BDL mg/l	--
19	Sulphate as SO ₄	7.5 mg/l	200
20	Pesticides	BDL mg /l	0.01
21	Arsenic as AS	BDL mg/l	0.01
22	Chromium as Cr (T)	BDL mg/l	0.05
23	Lead as Pb	BDL mg./l	0.01
24	Cadmium as Cd	BDL mg/l	0.003
25	Zinc as Zn	0.201 mg/l	5.0
26	Cyanide as CN	BDL mg/l	0.05
27	Mercury as Hg	BDL mg/l	0.001
28	Total Coliform	Nil MPN/100 ml	Nil
29	Fecal Coliform	Nil MPN/100 mL	Nil

Note: BDL=Below Detection limit,

Analyzed and verified by:

Incharge, Laboratory

GREENZONE,DIGBOI



Authorized Signatory:



S.Naha
DGM (Elect.-Proj. & TS i/c)
Assam Petro-chemicals Ltd.
Namrup





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:

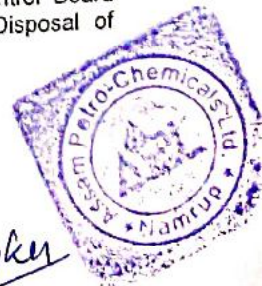
A. GENERAL CONDITIONS OF AUTHORISATION:

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"

S. Naha
 DGM (Factory & TS I/c)
 Assam Petrochemicals Ltd.
 Namrup

43

[Signature]





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 Form-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

Dated Guwahati the, 29 June, 2022

Memo No. WB/T-311/21-22/140 -A/3

Copy to:

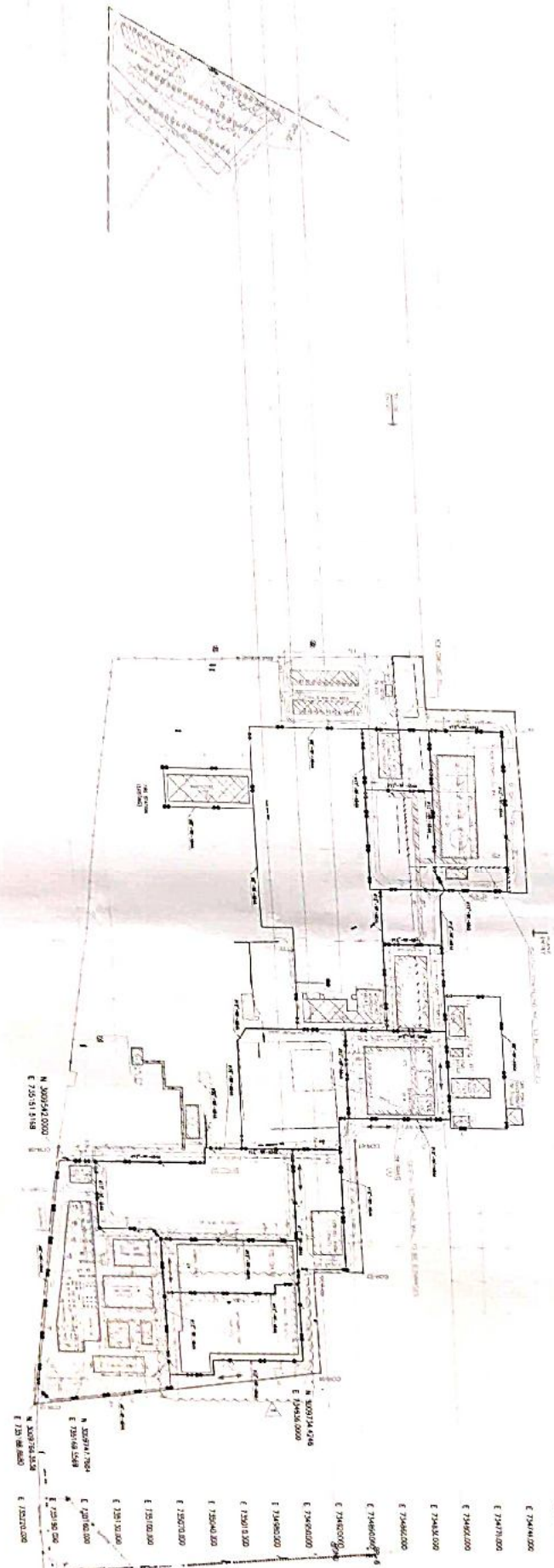
- ✓ 1. M/S Assam Petro-Chemicals Limited, Namrup, P.O: Parbatpur, Dist: Dibrugarh (Assam), for information & necessary action.



S.Naha
DGM (Elect.-Proj. & TS) /c/
Assam Petro-chemicals Ltd.
Namrup

(Shantanu Kr. Dutta)
Member Secretary

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S.Naha
DGM (Elect.-Proj. & TS I/c)
Assam Petro-chemicals Ltd.
Namrup

S.Naha





S.Naha
DGM (Elect.-Proj. & TS I/c)
Assam Petro-chemicals Ltd.
Namrup

Social Commitments by Assam Petro-Chemicals Limited:

1. In pursuance to its social commitments, Assam Petro-Chemicals Limited has been imparting free education to the students of nearby locality of its plants at Namrup, through a trust registered under Section 12A and 80G of the Income Tax Act, 1961. The Company provided fund to this trust during last three financial years are as follows:

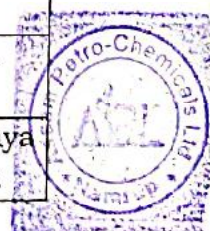
Sl No.	Financial Year	Amount (in Rs.)
1	2019-20	9,00,000.00
2	2020-21	9,00,000.00
3	2021-22	8,83,334.00

2. The Company has also been providing fund to Chief Minister's Relief Fund regularly to spend the amount to provide help to the needy citizens of the State of Assam. Chief Ministers Relief Fund contributions made during last three financial years are as follows:

Sl No.	Financial Year	Amount (in Rs.)
1	2020-21	25,00,000.00
2	2021-22	1,00,00,000.00

3. The company is constructing a clock tower in the Namrup Town for beautification of the town. The estimated cost of the clock tower is Rs 25,00,000 (Rupees Twenty Five lakhs only)
4. The company has also been spending money for promotion of education, health, culture and sporting activities. Some of such expenditures incurred during last three financials years are as follows:

Sl. No	CSR Project/ activities	Expenditure up to the reporting Period (in `)	Year	Amount Spent Direct or Through implementing Agency:
1	Provide furniture and fixtures for accommodation of cancer patients	6,87,851	2019-20	Deepsikha Cancer Care Foundation, Guwahati, Assam
2	Construction of toilets	50,000.00	2019-20	Gramyya Unnayan Sangha, Namrup
3	Khelo India Youth Games, 2020	1,00,000.00	2019-20	Government of Assam
4	27 th National Children's Science	75,000.00	2019-20	Jawahar Navodaya Vidyalaya, Doomdoma



S.Naha
DGM (Elect.-Proj. & TS I/c)
Assam Petro-chemicals Ltd.
Namrup

(Signature)

	Congress			
5	International Conference on Engineering Science & Technologies for Environment Care, 2020	1,00,000.00	2019-20	CSIR-NEIST, Jorhat
6	Water Purifier	11,855.00	2019-20	Directly procured.



S.Naha
DGM (Elect.-Proj. & TS i/c)
Assam Petro-chemicals Ltd.
Namrup

[Handwritten Signature]



GOVERNMENT OF ASSAM

OFFICE OF THE CHIEF INSPECTOR OF FACTORIES, ASSAM
N.P.S. International School Lane, Betkuchi, Lokhra, Guwahati- 781040

No. DIB/742/2880-81

Dated 19/05/2022

From:
Chief Inspector of Factories, Assam,
Betskuchi, Lokhra, Guwahati-781040.

To,
SOMNATH NAHA,
ASSAM PETRO-CHEMICALS LIMITED,
NAMRUP, , PO-PARBATPUR, , DIBRUGARH,

Sub: Permission and approval of plant and machinery layout plan.

Ref: Your letter No.CIF-FPA/2022/00093 Dated: 21/03/2022

Sir,

Reference to your application the submitted plans are hereby approved and permission is granted to re-site the plant and machinery to install additional machinery and prime movers as indicated in the plan.

The machinery installed are not to be used until the Certificate of Stability is obtained from Competent Person and is accepted by the undersigned.

Memo No -

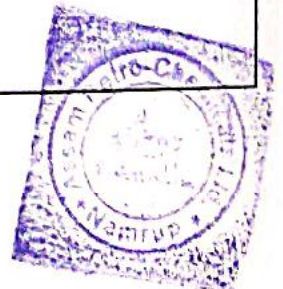
Chief Inspector of Factories, Assam
Guwahati-40.

Copy to:
The Senior Inspector of Factories, Zonal Factory Office, DIBRUGARH
The Inspector of Factories, District Factory Office, NA



Chief Inspector of Factories, Assam
Guwahati - 40.

S.Naha
DGM (Elect.-Proj. & TS i/c)
Assam Petro-chemicals Ltd.
Namrup



[Handwritten signature]



भारत सरकार

Government of India

वाणिज्य और उद्योग मंत्रालय

Ministry of Commerce & Industry

पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पेसो)

Petroleum & Explosives Safety Organisation (PESO)

पाँचवाँ तल, ए-ब्लॉक, सी.जी.ओ. कॉम्प्लेक्स, सेमिनरी हिल्स

नागपुर-440006

5th Floor, A-Block, CGO Complex, Seminary Hills,
Nagpur - 440006

ANNEXURE XI

PRIOR APPROVAL LETTER FOR METHANOL STORAGE TANKS

E-mail : explosives@explosives.gov.in
Phone/Fax No : 0712 -2510248, Fax-2510577

संख्या /No : A/P/HQ/AS/15/957 (P525484)

सेवा में /To,

दिनांक /Dated : 31/01/2022

M/s. ASSAM PETRO-CHEMICALS LIMITED,
ASSAM PETRO-CHEMICALS LIMITED, P.O. PARBATPUR, NAM.,
ASSAM PETRO-CHEMICALS LIMITED, P.O. PARBATPUR, NAM
NAMRUP,
DIBRUGARH,
Taluka: Naharkatiya,
District: DIBRUGARH
State: Assam
PIN: 786623

विषय /Sub : Plot No, Plot no 4, Patta no 7, Dag no 60(kha), ASSAM PETRO-CHEMICALS LIMITED, P.O. - PARBATPUR, NAMRUP -786623, ASSAM (INDIA), NAMRUP, DIBRUGARH, Taluka: Naharkatiya, District: DIBRUGARH, State: Assam, PIN: 786623 में प्रस्तावित पेट्रोलियम वर्ग A अधिष्ठापन के अनुमोदन के सम्बन्ध में।
Proposed Petroleum Storage Class A Installation at Plot No, Plot no 4, Patta no 7, Dag no 60(kha), ASSAM PETRO-CHEMICALS LIMITED, P.O. - PARBATPUR, NAMRUP -786623, ASSAM (INDIA), NAMRUP, DIBRUGARH, Taluka: Naharkatiya, District: DIBRUGARH, State: Assam, PIN: 786623 Approval Regarding.

महोदय
/Sir(s),

कृपया आपके पत्र क्रमांक OIN975122 दिनांक 07/01/2022 का अवलोकन करें।

Please refer to your letter No. OIN975122 dated 07/01/2022

Drawing(s) nos. A672-000-17-44-0001 REV 3 dated 05/08/2021, A672-016-17-44-00103 REV1 dated 16/08/2017, A672-79-41-031-1111 REV2 dated 15/02/2016, A672-000-17-44-0001 REV 3 dated 05/08/2021, अनुमोदित किया जाता है तथा प्रत्येक अरिखण को एक प्रति विधिवत प्रमाणित कर लौटाई जा रही है।

The Drawing(s) nos. A672-000-17-44-0001 REV 3 dated 05/08/2021, A672-016-17-44-00103 REV1 dated 16/08/2017, A672-79-41-031-1111 REV2 dated 15/02/2016, A672-000-17-44-0001 REV 3 dated 05/08/2021, showing the site and layout etc. of the specified installation is/are approved and one copy of the same is returned herewith in token of approval.

अग्रिम कार्रवाई हेतु इस कार्यालय को प्रेषित करें।

The following documents which are necessary in connection with the grant of a licence in Form XV of the Petroleum Rules, 2002 for the above installation may please be submitted to this office for further action in the matter.

- प्ररूप IX (संलग्न) में विधिवत भरा हुआ एवं हस्ताक्षरित आवेदन।
An Application in Form IX (enclosed) duly filled in and signed.
- पेट्रोलियम नियम 2002 के तहत ऑनलाइन आवेदन पोर्टल पर उपलब्ध ई-भुगतान सुविधा के माध्यम से अनुमति शुल्क रु 50000/- (प्रति वर्ष - अधिकतम 10 वर्ष तक) ऑनलाइन जमा किया जाना है।
A license fee of Rs. 50000/- (per year - maximum upto 10 years) to be submitted online through e-payment facility available on online application portal under petroleum Rules, 2002.
- अनुमोदन की शर्तों को (यदि कोई हो) शामिल करते हुए तथा किसी भी ईक करेक्शन के बिना, अधिकृत हस्ताक्षरकर्ता द्वारा विधिवत हस्ताक्षरित, अनुमोदित प्लान की ब्लू प्रिंट या सीएडी (CAD) प्रिंट में चार प्रतियाँ।
Four copies of the approved plans.
- इस संगठन द्वारा मान्यता प्राप्त सक्षम व्यक्ति द्वारा उनके हस्ताक्षर के स्टैप सहित जारी पेट्रोलियम नियम 2002 के अंतर्गत नियम 130 और 126 में आवश्यक निर्धारित प्ररूप (संलग्न) में सेफ्टी और टेस्ट प्रमाण-पत्र।
Safety and Test Certificate required under rule 130 and 126 of the Petroleum Rules, 2002 (enclosed) issued by Competent person.
- पेट्रोलियम नियम के नियम 144 के अंतर्गत जिला प्राधिकारी द्वारा जारी 'अनापत्ति प्रमाण-पत्र' की मूल प्रति तथा उनके द्वारा विधिवत हस्ताक्षरित एवं कार्यालय की मोहर लगा हुआ साईट प्लान।
Original copy of 'No Objection Certificate' from the District Authority together with site plan duly endorsed by him with his office seal thereon.
- इस कार्यालय से होनेवाले पत्राचार पर हस्ताक्षर करने के लिए अधिकृत व्यक्ति(यों) के नमूना हस्ताक्षर।
Specimen signature(s) of the person(s) authorised to sign the correspondence intended for this organisation.
- Copy of Hazop Study & Risk Analysis Report.
- Copy of On-Site Emergency Plan.
- Copy of Safety Report under Rule 10 of MSIHC Rule, 1989.

जी.एस.आर. 519(ई) दिनांक 05/06/2000 द्वारा भारत सरकार, पेट्रोलियम तथा प्राकृतिक गैस मंत्रालय द्वारा अधिसूचित आदेश 2000 के 'सॉल्वेंट, रेफ़िनेट तथा स्लॉप (अधिग्रहण, बिक्री, भंडारण और ऑटोमोबाइल में उपयोग की रोकथाम) आवश्यकता/प्रावधान का कृपया पालन करें।

Please follow the requirement/provision of "Solvent, Raffinate and Slop (Acquisition, Sale, Storage & Prevention of use in Automobiles)" Order 2000 notified by Government of India, Ministry of Petroleum and Natural Gas vide G.S.R. 519 (E) dated 05/06/2000.

यह अनुमोदन/अनुमति अन्य प्राधिकारियों से आवश्यक अनुमति/क्लीयरन्स प्राप्त करने से या यथा लागू अन्य विधियों से छूट नहीं देती है।

This approval/permission, however, does not absolve from obtaining necessary permission/clearance from other authorities or under other statutes as applicable.

भवदीय /Yours faithfully,

((एस. डी. मिश्रा)
(Shivchandra D. Mishra)
विस्फोटक नियंत्रक
Controller of Explosives
कृते मुख्य विस्फोटक नियंत्रक
For Chief Controller of Explosives
नागपुर/Nagpur

Note:-This is system generated document does not require signature.

(अधिक जानकारी जैसे आवेदन की स्थिति, शुल्क तथा अन्य विवरण के लिए हमारी वेबसाइट : <http://peso.gov.in> देखें)
(For more information regarding status, fees and other details please visit our website: <http://peso.gov.in>)



S.Naha
DGM (Elect.-Proj. & TS I/c)
Assam Petro-chemicals Ltd.
Namrup

(Signature)



भारत सरकार/Government of India

वाणिज्य और उद्योग मंत्रालय/Ministry of Commerce & Industry
पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पेसो)/Petroleum & Explosives Safety
Organisation (PESO)

घर क्रमांक- २१६, दूसरी मंजिल, IDBI बैंक के ऊपर, चांदमारी, गुवाहाटी, आसाम - ७८१०२१
गुवाहाटी- 781021
House No, 216, 2nd Floor, above IDBI, Chandmari, Guwahati,
Assam - 781021

ई-मेल/E-mail :
dycceguwahati@explosives.gov.in
फोन/फैक्स/Phone/Fax No : 0361 -
2652783, 2655144

संख्या /No : A/S/EG/AS/03/20 (S103908)

तारीख/Dated : 31/03/2022

सेवा मे/To,

M/s. ASSAM PETROCHEMICALS LIMITED,
ASSAM PETRO-CHEMICALS LIMITED P.O.- PARBATPUR, NA.,
ASSAM (786623), INDIA
NAMRUP,
DIBRUGARH,
Taluka: Naharkatiya,
District: DIBRUGARH
State : Assam
PIN : 786623

विषय/Sub : 4ASSAM PETRO-CHEMICALS LIMITED P.O.- PARBATPUR, NAMRUP-786623 , ASSAM
जिला : ,Namrup,DIBRUGARH,Taluka : Naharkatiya,District : DIBRUGARH राज्य : , State:
Assam PIN : 786623 में LIQUID NITROGEN,LIQUID NITROGEN गैस के प्रेशर वेसल्स में
प्रस्तावित भंडारण - स्थिर एवं गतिशील दाब पात्र (अज्वलित) नियम, 2016 के अंतर्गत प्रस्ताव का अनुमोदन
जारी करने हेतु ।
Proposed storage of LIQUID NITROGEN,LIQUID NITROGEN in pressure vessels in the
bottling plant at Village -4ASSAM PETRO-CHEMICALS LIMITED P.O.- PARBATPUR,
NAMRUP-786623 , ASSAM,Namrup,DIBRUGARH,Taluka : Naharkatiya,District :
DIBRUGARH, State: Assam PIN : 786623 Grant of approval of under SMPV (U) Rules,
2016.

महोदय/Sir(s),

कृपया अपने पत्र संख्या OIN1046369 दिनांक 29/03/2022 का अवलोकन करें ।
Reference: your letter No. OIN1046369 dated 29/03/2022

संदर्भित पत्र के साथ विषयांतर्गत प्रस्ताव के बारे में प्राप्त निम्नलिखित ड्राइंग इस कार्यालय के अनुमोदन के
अनुसार पाया गया तथा ड्राइंग के दो सेट विधिवत पृष्ठांकित कर भेजे जा रहे हैं ।
The following drawings received with your letter under reference in respect subject
proposal meets with the approval of this office and two set thereof is sent herewith duly
endorsed.

Sr No	Drawing Date	Drawing Number	Drawing Description
		2.22 7211 A	



S.Naha
DGM (Elect.-Proj. & TS I/c)
Assam Petro-chemicals Ltd.
Namrup

(Signature)

1	29/03/2022	APL-47000214- ME-017, REV-6B	Site plan drawing
2	21/06/2019	A672-000-1744- 00001, REV-2	Installation detailed drawing
3	22/10/2018	P-FP-014-1121	Site layout with 100 meters / 500 meter premises around installation
4	29/05/2019		P&ID for vessel, equipment and system proposed to be installed

Conditions of the Approval:-

IN THE FINAL DRAWING PLEASE SHOW ONLY ONE ENTRY GATE PROPERLY FOR SMOOTH ENTRY AND EXIT.

आपको अनुमोदन के लिए निम्नलिखित अतिरिक्त चित्र और दस्तावेज जमा करने का अनुरोध किया गया है।/You are requested to submit the following additional drawings and documents for approval.

कृपया नोट करें कि स्टेज इन्स्पेक्शन के अंतर्गत मान्यताप्राप्त थर्ड पार्टी इन्स्पेक्शन एजेंसी द्वारा संगठन से अनुमोदित डिजाइन ड्राइंग के अनुसार अनुमोदित निर्माता द्वारा वेसल फैब्रिकेट किया जाएगा।

Please note that the vessels shall be fabricated by an approved manufacturer as per design drawings approved by this department under stage inspection by a recognized 3rd Party Inspecting Agency.

अनुमोदित ड्राइंग के अनुसार सुविधाओं की स्थापना के पश्चात अनुज्ञप्ती जारी करने हेतु, स्थिर एवं गतिशील दाब पात्र (अज्वलित) नियम, 2016 के अंतर्गत प्ररूप एलएस-1क में निम्नलिखित दस्तावेज इस कार्यालय को प्रस्तुत करें।
After installation of the facilities as per the approved drawings, you may submit the following documents for grant of licence in Form LS-1A of SMPV(U) Rules, 2016.

1. प्ररूप -एएस-1 में आवेदन (तीन प्रतियों में)/Application in Form AS-1.
2. 'ऐज बिल्ट' साईट, लेआउट, फाउंडेशन, प्रत्येक प्रेशर वेसल के पी एण्ड आई ड्राइंग तथा फैब्रिकेशन ड्राइंग - की 4 प्रतियां 1/4 copies of 'as-built' site, layout, foundation, P&I drawings and fabrication drawings of each pressure vessel.
3. नियम 12 के अंतर्गत मान्यता प्राप्त थर्ड पार्टी निरीक्षण एजेंसी द्वारा जारी सर्टिफिकेट ऑफ कंट्रोल (मूल + 2 प्रतियां) जो कि संगठन की वेबसाइट <http://peso.gov.in> पर "सक्षम व्यक्ति" ऑनलाइन मॉड्यूल के माध्यम से बनाया गया हो।/Test & inspection certificates (certificate of control) issued by recognized 3rd Party Inspecting Agency(Original + 2 copies).
4. नियम 33 के अंतर्गत मान्यता प्राप्त सक्षम व्यक्ति द्वारा जारी किए गए सुरक्षा प्रमाणपत्र (मूल + 2 प्रतियां) जो कि संगठन की वेबसाइट <http://peso.gov.in> पर "सक्षम व्यक्ति" ऑनलाइन मॉड्यूल के माध्यम से बनाया गया हो।/Safety certificates under rule 33 issued by recognized competent person(Original + 2 copies).
5. नियम 18 और 19 के अंतर्गत वेसल और सुरक्षा वाल्व के आवधिक परीक्षण के प्रमाण पत्र की 3 प्रतियां (नए पात्रों के लिए आवश्यक नहीं।) जो कि संगठन की वेबसाइट <http://peso.gov.in> पर "सक्षम व्यक्ति" ऑनलाइन मॉड्यूल के माध्यम से बनाया गया हो।/3 copies of certificate of periodic tests of vessel and safety valve under rules 18 & 19 (not required for new vessels).
6. स्थिर एवं गतिशील दाब पात्र (अज्वलित) नियम, 2016 के अंतर्गत नियम 47 के अधीन जिला प्राधिकारी से मूल अनापत्ती प्रमाणपत्र के साथ उनके द्वारा पृष्ठांकित साईट प्लान (गैर विषैले/अज्वलनशील गैस के लिए आवश्यक नहीं) (मूल + 2 प्रतियां)।/Original No Objection Certificate from District Authority along with a site plan endorsed by him.
7. स्थित स्थिर एवं गतिशील दाब पात्र (अज्वलित) नियम, 2016 के तहत ऑनलाइन आवेदन पोर्टल पर उपलब्ध ई-भुगतान सुविधा के माध्यम से अपेक्षित अनुज्ञप्ती शुल्क ऑनलाइन जमा किया जाना है (प्रथम 5000 लिटर या उसके हिस्से के लिए ₹ 5000/- तथा प्रत्येक अतिरिक्त 1000 लीटर या उसके हिस्से के लिए ₹ 2500/-, प्रति वर्ष अधिकतम ₹ 50000/- तक ही सीमित हैं - अधिकतम 5 साल का अनुज्ञप्ति शुल्क स्वीकार्य है।) देय शुल्क : एक वर्ष के लिए गैस की कुल 25000 लिटर जल क्षमता हेतु ₹. 50000/-/Requisite licence fee to be submitted

S.Naha
DGM (Elect.-Proj. & TS I/c)
Assam Petro-chemicals Ltd.
Namrup

[Signature]



online through e-payment facility available on online application portal under Static and Mobile Pressure Vessels (Unfired) Rules, 2016 (Rs. 5000/- for first 5000 lit or part thereof, and Rs. 2500 for every additional 1000 lit or part thereof, limited to maximum of Rs. 50,000/- per year - maximum 3 years licence fees is acceptable).

Fee to be paid: For 43850 litres total water capacity of Gas for one year is Rs.50000.

8. इस विषय में पत्राचार करने हेतु अधिकृत व्यक्तियों के नमूना हस्ताक्षर I/Specimen signatures of persons authorized to make correspondence in the subject matter.

9. Other Documents

तथापि, यह अनुमोदन / अनुमति अन्य प्राधिकारियों से आवश्यक अनुमति / क्लीरन्स प्राप्त करने से या यथा लागू अन्य विधियों से छुट नहीं देता है I/This approval/permission, however, does not absolve from obtaining necessary permission/clearance from other authorities or under other statutes as applicable.

Note:

I) सार्वजनिक क्षेत्र के तेल कंपनियों के लिए दस्तावेज़ 9 (डी) से (आई) की आवश्यकता नहीं है I/Documents 9 (d) to (i) not required for Public Sector Oil Companies.

II) गैस सिलिंडरों के नियमों के तहत पृथक अनुमोदन भेजा जा रहा है - संदर्भ फाइल संख्या _____./Separate approval under Gas Cylinders Rules being sent - Reference file Nos _____.

भवदीय/Yours faithfully,

((डा. योगेश खरे)
(Dr. Yogesh khare))
उप मुख्य विस्फोटक नियंत्रक
Dy. Chief Controller of Explosives
कृते संयुक्त मुख्य विस्फोटक नियंत्रक
For Jt. Chief Controller of Explosives
गुवाहाटी/Assam

(अधिक जानकारी जैसे आवेदन की स्थिति, शुल्क आदि के लिए हमारी वेबसाइट <http://peso.gov.in> देखें I)/(For more information regarding status, fees and other details please visit our website <http://peso.gov.in>)

Note:-This is system generated document does not require physical signature.



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DGM (Elect.-Proj. & TS I/c)
Assam Petro-chemicals Ltd.
Namrup



greener future...

M/s. GREENZONE

Recognised By
Pollution Control Board, Assam

Janata Road, Digboi, Assam
Ph. 9401904228
e-mail : greenzonedigboi@gmail.com

JAS-ANZ



ISO 9001:2007 Certified

ISO 9001:2008



ANNEXURE XII

NOISE LEVEL MEASUREMENT TEST RESULTS

ASSAM PETRO-CHEMICALS LTD.

(A Govt. of Assam Undertaking)

P.O. Parbatpur-786623, DIST-Dibrugarh, Assam

LOCATION	ASSAM PETRO-CHEMICALS LTD.
Date of Measurement	01/06/2022
Work order no.	APL/QC/22-23/01, Dated, 27-05-2022
Laboratory Reference No.	GZ/AN-12/22

Measurement Results

(Day Time)

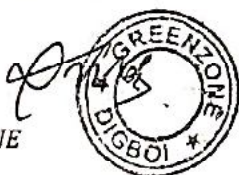
Sl. No.	Location	Maximum (dB-A)	Minimum (dB-A)	Leq (dB-A)
1.	Near Guest House Gate	72	67	70.1
2.	Near Canteen	70	66	68.2
3.	Near Laboratory & Industry Area	74	70	72.2

Remark: Recorded noise levels are in compliance with the APCB limit (Leq 75 dBA)

Analyzed and verified by:

Incharge, Laboratory

GREENZONE



Authorized Signatory:



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.

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ANNEXURE XII

NOISE LEVEL MEASUREMENT TEST RESULTS

ASSAM PETRO-CHEMICALS LTD.

(A Govt. of Assam Undertaking)

P.O. Parbatpur-786623, DIST-Dibrugarh, Assam

LOCATION	ASSAM PETRO-CHEMICALS LTD.
Date of Measurement	01/06/2022
Work order no.	APL/QC/22-23/01, Dated, 27-05-2022
Laboratory Reference No.	GZ/AN-12/22

Measurement Results

(Night Time)				
Sl. No.	Location	Maximum (dB-A)	Minimum (dB-A)	Leq (dB-A)
1.	Near Guest House Gate	53	49	51.2
2.	Near Canteen	56	52	54.2
3.	Near Laboratory & Industry Area	58	53	56.1

Remark: Recorded noise levels are in compliance with the APCB limit (Leq 75 dBA)

Analyzed and verified by:

Incharge, Laboratory

GREENZONE



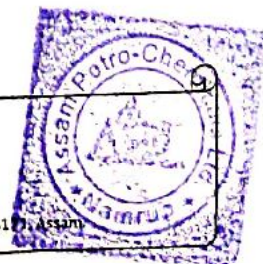
Authorized Signatory:



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FORM V
(See Rule 14)

Environmental Statement for the financial year ending on 31st March 2022

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: admin_apl@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 2021.

PART B

Water and Raw Material Consumption

1. Water consumption
m³/ d

Process: 47 m³/day
Cooling: 726 m³/day
Domestic: 1822 m³/day

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Namrup

S. Naha

Sabana Monowar

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	8.0 m ³ /MT	7.8 m ³ /MT
Formalin	0.59 m ³ /MT	0.62 m ³ /MT
For Proposed Plant		
Methanol	Not Applicable	Not Applicable

2. Raw Material Consumption

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	34962651 NM ³	36136001 NM ³
Methanol	Formalin	19368 MT	22155 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)

(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	Enclosed in Annexure I, II.		
Air	Enclosed in Annexure III, IV		

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Sabana Monowar

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PART D

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

Hazardous Wastes	Total Quantity (Kg)	
	During the previous financial year	During the current financial year
For Existing Plant		
(1) Process	Category 1.6, Spent Catalyst: 2730 kg	Category 1.6, Spent Catalyst: NIL
	Category 5.1, Used Oil 11 Kl	Category 5.1, Used Oil: NIL
(2) From Pollution Control Facilities	Not Applicable	
For Proposed Plant		
(1) Process	Not Applicable	
(2) From Pollution Control Facilities	Not Applicable	

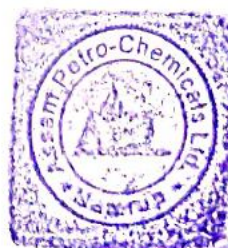
PART E

Solid Wastes

Solid wastes		
	Total Quantity (Kg)	
	During the previous financial year	During the current financial year
For Existing Plant		
(1)Process	Category 1.6, Spent Catalyst: 2730 Kg	Category 1.6, Spent Catalyst: NIL
(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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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, Zero liquid Discharge (ZLD) philosophy has been provision to reduce effluent emission.

PART H

Additional measures/ investment proposal for environmental protection including abatement of 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.

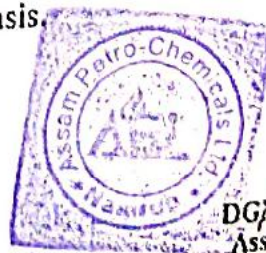
PART I

Any other particulars for improving the quality of the environment.

- Awareness programme on ban on single-use plastic pollution.
- 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.

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J. H. Nigam



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Sabana Monowar