



# 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, P.O. Parbatpur,  
District: Dibrugarh, Assam-786623  
Phone: (0374) 2500331/2500246/2500518, Fax: (0374) 2500231  
Email: nrapl@sancharnet.in, admin\_apl@assampetrochemicals.co.in

Ref: APL/Formalin-II/NBQ/2021/970

Dated: 18/06/2021

To  
The Member Secretary  
SEIAA, Assam  
Bamunimaidam, Guwahati- 781021

Ref: SEIAA.883/2018/EC/20/1063 dated 29.02.2020

Subject: Half yearly compliance report of specific and general conditions of Environmental Clearance (EC) for the proposed 200 TPD Formaldehyde Manufacturing Plant at Boitamari, Dist. - Bongaigaon, Assam

Respected Sir,

In compliance of the specific and general conditions as stipulated by the Environmental Clearance (EC) accorded by SEIAA, Assam for the proposed 200 TPD Formaldehyde Manufacturing Plant of Assam Petro-chemicals Ltd., please find herewith our compliance report for the six-month period.

Point No.	Description	APL's Compliance
<b>I. SPECIFIC CONDITIONS</b>		
1.	<p>The Project will be implemented strictly as proposed in the EIA Report. No deviation/modification from what has been shown in the EIA/EMP Report will be allowed in the proposed project. There must be 100% compliance to the provisions of the following Acts, Rules as amended till date:</p> <ul style="list-style-type: none"> <li>• The water (Prevention and Control of Pollution) Act, 1974</li> <li>• The Water Prevention and Control of Pollution) Cess Act, 1977</li> <li>• The Air (Prevention and Control of Pollution) Act, 1981</li> <li>• The Environment (Protection) Act, 1986</li> <li>• The Environment Impact Assessment, Notification, 2006 issued under Environment (Protection) Act 1986 and Environment (Protection) Rules 1986 and amendments thereafter to date.</li> </ul>	<p>As design is still under progress and construction at site is yet to start, the compliance will be assessed and complied at the completion of Basic Design by Design Engineer and/or commencement of construction at site by Construction Contractor.</p> <p>O/o the SEIAA, Assam Date 23/6/21 RECEIVED</p>
2.	In addition, the mitigation measures with respect to anticipated environmental	Compliance will be implemented from the construction



	impacts as given in Chapter 4 of the EIA/EMP Report will be strictly implemented. The Environmental Monitoring Programme as envisaged in Chapter 6 of the EIA/EMP Report will be fully implemented from the construction phase of the proposed project and Risk Assessment and Disaster Management Plan (Chapter 7 of the Report) will be made fully operational.	commencement by LSTK Contractor (M/s ISGEC Heavy Engineering Ltd.)
3.	Once the project becomes operational, the Environmental management Plan (Chapter 9 of the EIA/EMP Report) will be made fully functional.	Will be implemented as stated in Point 2.
4.	To ensure availability of water at designed pressure for fire fighting, electric motor driven and standby diesel engine driven pump set to be provided. Main electrical driven firefighting pumps and diesel engines driven standby fire fighting pump will pump firefighting water to the hydrants. An independent piping network will be provided complete with pipelines, valves, hydrants, fittings and appurtenances for the said purpose.	Fire Fighting Basic Design is still in progress by Design Engineer. Point shall be taken care while finalizing the design document on it.
5.	Solid waste of domestic/ commercial origin that would be generated in the Plant will be disposed of suitably in consultation with the concerned Civic body.	STP/ ETP Basic Design is still in progress by the Design Engineer. Point shall be taken care while finalizing the design document on it.
6.	Handling, storage and disposal of Hazardous waste will be managed through the authorized recyclers.	To be taken care during the construction/erection, commissioning and operation of plant by construction contractor and Plant Operation Party.
7.	ETP sludge will be stored temporarily in secured enclosure before handing over the same to authorized Hazardous waste handler of the state.	STP/ ETP Basic Design are still in progress by Design Engineer. Point shall be taken care while finalizing the design document on it.
8.	Recyclable waste will be used in the process as applicable	Waste handling concept is still in progress by Design Engineer. Point shall be taken care while finalizing





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		the design document on it.
9.	In order to minimize the dust level, dust extraction system is to be installed by which powder dust will be sucked through hoods by a blower & subsequently to be passed through a Bag Filter. In the Bag Filter, deposited dusts need to be cleaned after a certain interval of time & dust free air is to be vented to the atmosphere.	Not Applicable
10.	Fume Extraction System will be installed as an air pollution control system in the Resin Plant in order to arrest the fumes generated during charging of solid materials in Resin Reactors at an elevated temperature.	Not Applicable
11.	The flue gas generated from DG Sets and Thermic Fluid Heaters are to be vented through the stacks of appropriate height as per the norms of Pollution Control Board. All emissions will be within stipulated norms.	Stacks height are yet to be finalized by Design Engineer. Point shall be taken care while finalizing the document on it.  Provision for heating Thermic Fluid by firing fuel will not be there.
12.	All the internal roads shall be asphalted to reduce dust emission due to vehicular movement.	To reduce dust pollution, bitumen and concrete roads have been considered in the job scope of LSTK contractor.
13.	All measures to control pollution of air, water and soil, as well as effluent generation and treatment will be strictly as per the Final EIA report.	We will ensure strict compliance of all the measures to control air, water and soil pollution as well as effluent generation.
14.	The ETP shall be operated regularly and efficiently so as to achieve the CPCB norms at the ETP outlet. The treated wastewater conforming to the CPCB norms shall be discharged into as per Pollution Control Board, Assam recommendations. Regular performance evaluation of the ETP shall be undertaken every year to check its adequacy, through a recognized institution/agency.	STP/ ETP Basic Design is still in progress by Design Engineer. The water balance of the plant is framed based on Zero Liquid Discharge philosophy.





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15.	Many common birds and other animals are available in and around the site. The Project Proponent is to ensure that no wild life including the birds have any tangible impact from higher noise and emissions during construction and subsequent operation. Similarly appropriate measures are to be taken to ensure that no harm comes to the aquatic life in the area	As design is still under progress and construction at site is yet to start, the design compliance for noise and emission shall be checked at the completion of Basic Design by Designer. Site compliance of noise and emission shall be maintained after commencement of construction at site by LSTK Contractor (M/s ISGEC Heavy Engineering Ltd.).
16.	The project management shall ensure adequate steps to ensure suitable sanitary facilities for the workers during the construction phase and during the operation later.	Adequate sanitary facilities for the workers during the construction phase have been arranged (Photos are attached as <b>Annexure- I</b> for ready reference). For Operation stage, it will be covered in details by the Designer.
17.	The Environment Management Plan of the Final EIA Report is to be fully implemented.	All necessary control measures formulated in the Environmental Management Plan to meet with statutory requirements will be included in the Basic Design and will be implemented in due course of time by LSTK Contractor (M/s ISGEC Heavy Engineering Ltd).
18.	The Environment Monitoring Plan as in the Final EIA Report involving regular monitoring of ambient air, noise, water (surface water and ground water), solid waste management and effluent managements to be fully implemented as per CPCB/MoEF & CC norms.	Regular monitoring of ambient air, noise, water (surface water and ground water), solid waste management and effluent managements shall be complied during construction and operation phase and will be fully implemented as per CPCB/MoEF & CC norms.
19.	Regular health check-up of the employees and the neighborhood people is to be strictly implemented at least twice a year.	Due to COVID 19 pandemic we are unable to implement the same. However, it will be taken care of as soon as COVID 19 Pandemic recedes.
20.	No Wildlife habitat will be infringed.	The proposed site is an industrial area i.e. an old defunct and crumbled spinning mill was there prior to handing over of site to Assam Petrochemicals Ltd. Hence, no issue of wildlife habitat

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		infringement.
21.	Green belt development shall be carried out in 20% of the total project area considering CPCB guidelines with native tree species.	We have already planted 700 samples which are growing healthy (Photos attached as <b>Annexure II</b> for ready reference) and we have proposed for another green belt inside the proposed plant boundary. Same is complied in design.
22.	Transport of materials shall be done by covering the trucks/tractors with tarpaulin or other suitable mechanism so that no spillage of mineral/dust takes place.	Shall be complied during Construction and operation phase.
23.	Appropriate mitigation measures shall be taken to prevent any kind of pollution. It shall be ensured that there is no leakage of oil and grease from the vehicles used for transportation.	Shall be complied during Construction and operation phase.
24.	Special Measures shall be adopted to prevent the nearby settlement from the impacts of the activities.	No human settlements near the proposed plant area. However appropriate measures will be taken for preventing any disturbances.
25.	Dispensary facilities for first-aid shall be provided at site.	Dispensary Facilities are provided at Boitamari Public Health Centre (Model Hospital) which is nearby our project site. However First Aid boxes have been kept at site in case of emergency.
26.	Occupational health surveillance program of the workers should be undertaken periodically	Shall be complied with.
27.	Conservation measures shall be taken for protection of Flora & Fauna in the core and buffer zone.	Green belt has already been demarcated and conservation measures will also be adopted.

## II. GENERAL CONDITIONS

1.	All necessary statutory clearance shall be obtained from competent authority in connection with project and copies of the same shall be submitted to SEIAA, Assam	We have already received majority of statutory clearances and already submitted to your good office. The remaining clearances will be submitted on receipt in due course of time.
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2.	Special measures shall be adopted to prevent nearby settlements from the impact of project activities.	No human settlements near the proposed plant area. However appropriate measures will be taken for preventing any disturbances.
3.	The SEIAA Assam may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.	Noted.
4.	Concealing the factual data or failure to comply with any of the conditions mentioned above may result in withdrawals of this clearance and attract action under the provisions of Environment Protection Act 1986.	Will adhere to all guidelines and conditions of Environment Protection Act. 1986
5.	The SEIAA, Assam may revoke or suspend the order, if implementation of any of the above condition is not found satisfactory. SEIAA, Assam will monitor the operation area time to time and project component shall be extended full support for the same.	Noted.
6.	The above conditions will be enforced inter-alia under the provision of water (Prevention & Control of Pollution) Act 1974, the air (Prevention & Control of Pollution) Act 1981, the Environment Protection Act 1986 and the public liability Insurance Act 1991 along with their amendment & rules.	Shall be complied with.
7.	The Environmental Clearance is valid for a period of 5(Five) years from the date of issue of this order.	Noted.
8.	Under Corporate Environment responsibility (CER), appropriate budgetary provision shall be made as per MoEFCC OM F. No. 22-65/2017-IA.III dated 01/05/2018 and 19/06/2018 commensurate with the total value of the work and to be spent for health improvement, education, drinking water facilities, and other socio-economic	As a PSU under Govt. of Assam, we are already spending funds against health improvement, education, drinking water facilities, and other socio-economic development for the society - and the same will be continued further. Recently, on 26.05.2021 a sum of Rupees One Crore was contributed to the Chief



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	upliftment in and around the project area( radius of 10 KM from the project site) in consultation with a Committee having representatives from all sections of the population in the nearby villages and with information to the SEIAA on biannual basis.	Minister's Relief Fund for Covid-19 prevention, procurement for vaccines, oxygen beds etc.
9.	The project proponent shall submit half yearly compliance reports in respect of the terms & conditions stipulated in this order to the SEIAA, Assam in soft copy (CD) & hard copy on 1 <sup>st</sup> June and 1 <sup>st</sup> Dec each year. The Compliance Report should also include the work done under CER as in 9 above and also under Green Belt development in the project area (to be supported with photographs and other documentary evidences in both cases).	Noted.

Thanking You

For and on behalf of  
Assam Petro-Chemicals Ltd.

(S. U. Zaman)  
GM ( Project i/c Boitamari)

**S.U. Zaman**  
G.M. (Project i/c, Boitamari)  
Assam Petro-Chemicals Limited

## Copy to:

1. The Secretary to the Govt. of Assam, Environment & Forest Department, Dispur, Guwahati – 6, for favor of kind information.
2. The Chairman, PCBA, for information please.
3. The Regional Officer, Ministry of Environment, Forest and Climate Change, Integrated Regional Office, Guwahati, 4th Floor, Housefed Building, GS Road, Rukminigaon Guwahati-781022, for kind information please.







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### Annexure I



**SANITARY FACILITY FOR THE WORKERS**



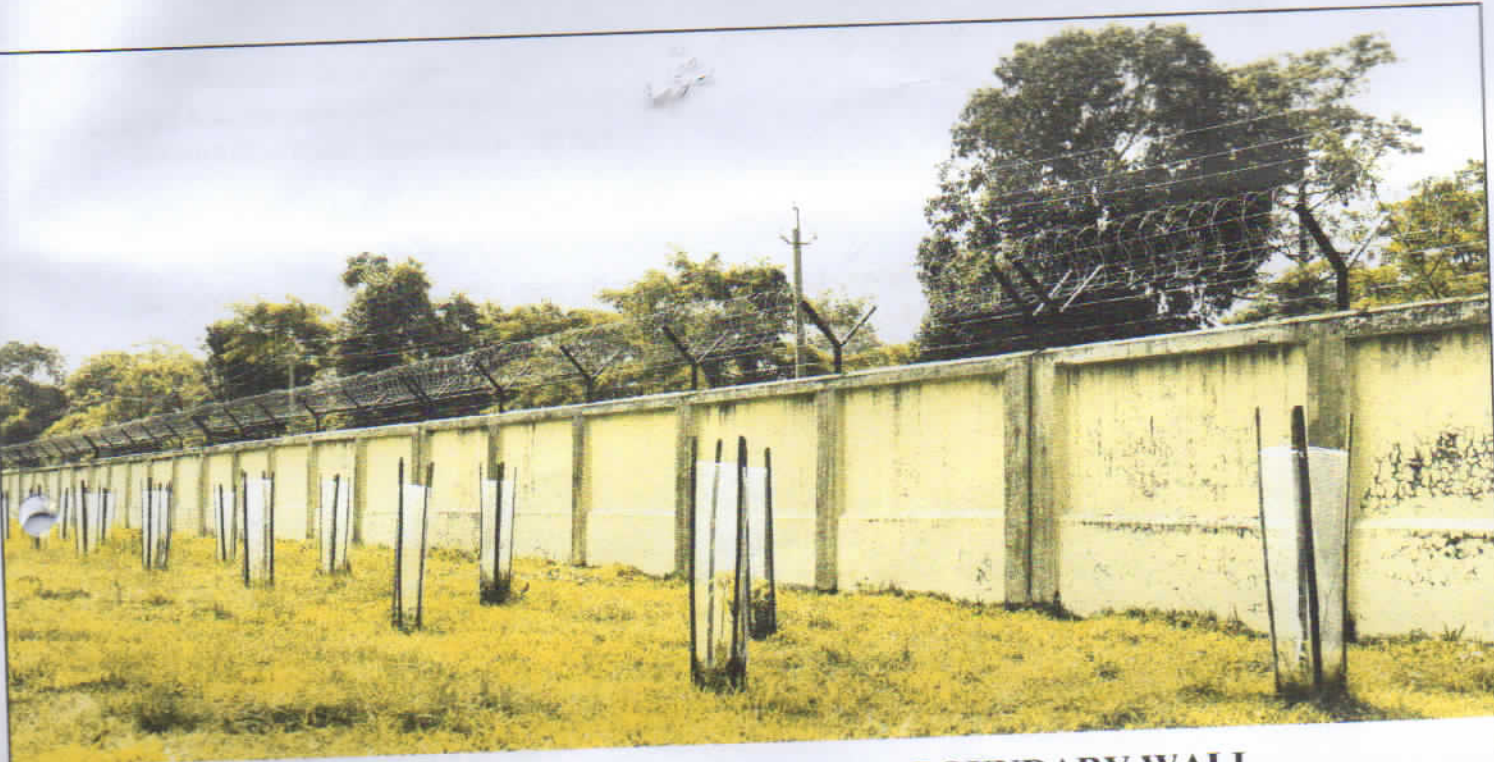


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## Annexure II



**PLANTATION OF SAPLINGS ALONG THE BOUNDARY WALL**



**PLANTATION OF SAPLINGS ALONG BOUNDARY WALL**