



# 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: npapl@sancharnet.in, admin\_apl@assampetrochemicals.co.in

Ref: APL/Proj/04/721/ 964

Dated: 17.06. 2020

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>		
<b>1.</b>	<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>	As directed, all the stated Statutory Acts and Notifications will be complied in due course of time.
<b>2.</b>	In addition, the mitigation measures	



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	with respect to anticipated environmental 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 (Chapter7 of the Report) will be made fully operational.	Will be complied with
3.	Once the project becomes operational, the Environmental management Plan (Chapter 9 of the EIA/EMP Report) will be made fully functional.	All necessary control measures have been formulated in the Environmental management Plan to meet with statutory requirements. The compliance will be done in due course of time.
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.	Will be taken into consideration in the design of the project.
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.	We are following all the norms related to disposal of domestic/ commercial solid waste generated in our existing plant. The same will be followed in the upcoming project also in due course of time.
6.	Handling, storage and disposal of Hazardous waste will be managed through the authorized recyclers.	After commissioning of the project, the authorization collection, storage and disposal of hazardous waste under the Hazardous Waste (Management, Handling and Trans boundary Movement) Rules, 2008 will be applied to the hazardous authority. And simultaneously, disposal of the waste will be



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		managed through the authorized recyclers.
7.	ETP sludge will be stored temporarily in secured enclosure before handing over the same to authorized Hazardous waste handler of the state.	Guidelines will be followed as stipulated in the Environmental Clearance.
8.	Recyclable waste will be used in the process as applicable	Liquid effluent like cooling tower blow down, boiler blow down will be treated in ETP and will be reused.
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.	All provisions will be made in the design of DG & stacks for control of gaseous emissions.  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.	Already internal roads were included in the 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.	All measures to control pollution of air, water and soil, as well as effluent generation and treatment will be strictly followed.
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	A Zero Liquid Discharge philosophy has been adopted in the design of ETP.



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	check its adequacy, through a recognized institution/agency.	
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	The technology used in the proposed plant will take care of all possible noise and emission level.
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.	Already included in the contractors scope of work and we will monitor the same during the construction phase and during the operation later.
17.	The Environment Management Plan of the Final EIA Report is to be fully implemented.	All necessary control measures have been formulated in the Environmental management Plan to meet with statutory requirements. The same will be implemented in due course of time.
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.	An effective environmental monitoring plan has already been designed and the same 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.	The construction activities for 200 TPD Formalin project will commence shortly. We do not have primary health check-up facility as it is provisioned along with the construction of the project. Therefore, a temporary arrangement has been made for periodic health check-up for our employees in the Boitamari Public Health Centre (Model Hospital) which is nearby our project site. (Correspondence Letter with Boitamari Public Health Centre enclosed as <b>Annexure I</b> for ready





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		reference)
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 Petro-Chemicals Ltd. Hence no issue of wildlife habitat 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 initiated the process of green belt development. In this regard we have planted nearly 700 tree samples in the premises. (Photographs of plantation of trees are enclosed in <b>Annexure II</b> )
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.	Necessary control measures will be taken to control dust pollution.
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.	We will ensure that there will be no leakage of oil and grease from the vehicles used for transportation.
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	The construction activities for 200 TPD Formalin project will commence shortly. We do not have primary dispensary facilities for first aid as it is provisioned along with the construction of the project. So, a temporary arrangement has been made for first aid facility for our employees in the Boitamari Public Health Centre (Model Hospital) which is nearby our project site. (Correspondence Letter with Boitamari Public Health Centre enclosed as <b>Annexure I</b> for ready reference)



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26.	Occupational health surveillance program of the workers should be undertaken periodically	Occupational health surveillance program of the construction workers will be included in the contractors scope of work and we will monitor the same.
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.
<b>II. GENERAL CONDITIONS</b>		
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.
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 prevention if any disturbance arises.
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) Act1981, the Environment Protection Act 1986 and the public liability Insurance Act 1991 along with their amendment & trules.	Will be complied with
7.	The Environmental Clearance is valid for a period of 5	Noted



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	(Five) years from the date of issue of this order.	
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 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.	As a PSU under Govt. of Assam, we are already spending funds against health improvement, education, drinking water facilities, and other socio-economic upliftment for the society. The same will be continued in future also.
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.

*Sazzad uz Zaman* **S. U. Zaman**  
**General Manager**  
(S. U. Zaman)  
**(Marketing & Project i/C Boitamari)**  
GM (Marketing & Project i/c Boitamari)

### 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 Office, MoEF, Govt. of India, Low-U-sib, Lumbatngen, Near MTC Workshop, Shillong – 21, for information please.

ANNEXURE I



**ASSAM PETRO-CHEMICALS LIMITED**

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CIN: U24116AS1071SC0001339 GSTIN: 18AA8CA6913A1Z6

Head Office & Factory Site :  
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Phone: (0374) 2502321, 2502446, 2502616 Fax: (0374) 2506031  
E-mail: ops@apchem.in, admin\_20@assampetrochemicals.co.in

Ref: APL/Formalin-II NBQ/2020/

Date: 10/06/2020

To,

The Medical Superintendent  
Boitamari Public Health Center  
Boitamari, Bongaigaon, Assam

Sub: Regarding Periodic Health checkup of employees residing in APL campus Dhaknabari.

Dear Sir,

We Assam Petrochemicals Ltd a Govt. of Assam Undertaking has embarked on our construction of 200 TPD Formalin Plant and Transshipment centre at Boitamari, Bongaigaon. As the project is under construction phase we are yet to develop a primary health center for the employees working in the campus.

Therefore during the construction phase it is my humble request to allow for primary health checkup facilities and emergency first aid for the employees working in the campus.

In view of above your good self is requested for kind cooperation in this regard please

Thanking you,

Yours faithfully

D. Kakati  
General Manager (SD)

Copy to

1. The Managing Director: For information please
2. GM (Mktng & Proj i/C), Boitamari :For information and necessary action

Regd. Office : 4th Floor, Cinn. Plaza  
Mahapusthi, Shrimanta Sankardev Park, Bhangaganj, Guwahati, Assam, 781005  
Phone/Fax: (0361) 2491470, 2491411, 2491394  
E-mail: apchem@assam.in, Web: www.assampetrochemicals.co.in



**ANNEXURE II**



A blue handwritten signature or scribble.