



इंडियन ऑयल कॉर्पोरेशन लिमिटेड  
एओडि - डिगबोई रिफाइनरी १२३  
पी.ओ. डिगबोई, पिन-786171, असम  
**Indian Oil Corporation Limited**  
**AOD - Digboi Refinery**  
P.O. Digboi - 786171\* (Assam)  
Tel : 03751-262000  
Fax : 03751-269015  
Website : www.iocl.com  
E-mail : aoddigboi@indianoil.com



असम ऑयल डिवीजन  
**Assam Oil Division**

**Ref. No:HSE :376-714/18**

**Date:-12-07-2018**

To  
**The Joint Director (S)**  
Ministry of Environment & Forests,  
North East Regional Office,  
Lumbatngen, Law-U-Sib,  
Shillong - 793021

**Sub.:** Submission of the Half-Yearly Compliance Report on Environmental Stipulations  
pertaining to Digboi Marketing Terminal Project at Golai

**Ref.:**  
**Environmental Clearance No. J-11011/482/2007-IA II (I), dated – 18-03-2008**

Dear Sir .

Please find herewith the compliance status on Environmental Clearance Stipulations of the Environmental Clearance letter referred to above as on **1<sup>st</sup> June, 2018**.

Thanking you.

Yours sincerely,

(A Mojumdar)

Deputy General Manager, HS&E  
Indian Oil Corporation, AOD  
For Chief General Manager, AOD

CC: The Member Secretary, Pollution Control Board, Assam, Guwahati-21.  
The Environmental Engineer, North Eastern Zonal Office, CPCB, Shillong-14  
Regional Executive Engineer, PCBA Dibrugarh-786001

**ENVIRONMENTAL CLEARANCE (J-11011/ 496/2007-IAII(I), Dated – 20-03-2009) FOR NEW  
PRODUCT DISPATCH TERMINAL AT DIGBOI REFINERY IN DISTRICT TINSUKIA IN  
ASSAM.**

**(STATUS AS ON 1<sup>st</sup> JUNE, 2018)**

SL NO.	STPULATIONS	STATUS
i.	The company shall take adequate measures for control of fugitive emissions in the work zone environment and raw material storage area and emissions shall be regularly mentioned for all relevant parameters including HC and VOC shall be e-mailed to the RO of the Ministry / CPCB/ State Pollution Control Board. Further the date should be displayed on the gate of the refinery and important public places through sign boards.	VOC and Fugitive emission during the period December 2017 to June 2018 is nil. However, once the unit starts normal operation monitoring of Fugitive emission in the work zone environment and raw material storage area and emissions shall be regularly mentioned for all relevant parameters including HC and VOC and shall be e-mailed to the RO of the Ministry / CPCB/ State Pollution Control Board. Further the date shall be displayed on the gate of the refinery and in other important public places through sign boards.
ii.	Continuous Hydrocarbon Monitoring system (HC Detector) and alarms shall be installed at various risk prone location.	Open path & Point type HC detectors installed at Tank Farm & Product Pump House. Annunciation system including field hooters has been installed.
iii.	The project authorities shall strictly comply with the provisions made in Manufacture, Storage and Import of Hazardous chemicals Rules. 1989 as amended in 2000 for handling of hazardous chemicals. Necessary approval from Chief Inspectorate of Factories, Chief Controller of Explosives, Fire Safety Inspectorate etc. shall be obtained. Requisite On-site and Off-site Disaster Management Plan shall be prepared and implemented. Regular mock drill shall be carried out for both On-site and Off-site plans. All necessary safety precautions shall be undertaken to prevent any accident.	Necessary approval from Chief Inspectorate of Factories, Chief Controller of Explosives has been taken and subsequently handover to Marketing Ops.  On-site & Off-site disaster management plan shall be prepared and implemented along with conducting regular mock-drill once the unit starts full operation.  All necessary safety precautions shall be undertaken to prevent any accident during normal operation of the unit..
iv.	The internal floating roof tank shall be provided with double seals with minimum vapour recovery of 96%. Material of seal and construction shall ensure high performance and durability. Inspection and maintenance of storage tanks shall be carried out under strict control. For the inspection, APIRP 575 may be adopted. In service inspection with regard to seal gap shall be carried out once in every six months repair of both seals will be examined.	Aluminum internal floating roof tanks have been considered for 3 Nos. MS Tanks with double seals with minimum vapor recovery of 96%. and is constructed as per API Standard 650 Appendix H Section H.2.2.c. M&I of storage tanks shall be taken up by Marketing Ops., as per stipulated guidelines, as an when due.
v.	The design, inspection, testing and safety aspects of operation and maintenance of terminal shall be governed by OISD – 118 guidelines.	Aspects of Operation & Maintenance of Terminal shall be complied as per OISD 118 Guideline .
vi.	The fire water facilities at the terminals must be	FW facilities at terminal have been constructed

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AM (PS)

	designed as per OISD – 117 guidelines. However, for fighting prolonged fires, the company shall firm up a plan for assured water supply from nearby ground water source / surface water source. This must be complied before commissioning the project.	in compliance with OISD – 117 guidelines. Bore tube wells and surface water for fire water has been provided for fire water requirement.
vii.	The solid waste generated shall be disposed off in the secured landfill site within the Digboi premises. The ground water quality around the secured landfill site shall be monitored regularly and data submitted to the Ministry / CPCB/SPCB.	Solid waste generated, if any, during operation of Digboi Terminal & disposal of the same to the Secured Land Fill shall be monitored and complied regularly. Monitoring of ground water quality around the Secured Land Fill and submission of Report to Ministry/ CPCB /SPCB on regular basis shall be complied once the unit starts normal operation.

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