



केन्द्रीय प्रदूषण नियंत्रण बोर्ड  
CENTRAL POLLUTION CONTROL BOARD

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय भारत सरकार  
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE GOVT. OF INDIA

SPEED POST

B-29016/04/06/IPC-I/ 12408

November 05, 2018

To,

**M/s Indian Oil Corporation Limited,  
AOD - Digboi Refinery, P.O. Digboi  
Dist.- Tinsukia,  
Assam- 786171**

**Sub: Directions under Section 5 of the Environment (Protection) Act, 1986-reg.**

WHEREAS, the Oil Refineries industries are identified as one of the 17 categories of highly polluting industries which have been discharging environmental pollutants directly or indirectly into the ambient air and water, having potential threat to cause adverse effect on the water and air quality; and

WHEREAS, there is need to inculcate habit of self-monitoring within the industries for complying with the prescribed standards and this can be achieved by the methods like installing online effluent and emission monitoring devices; and

WHEREAS, the **M/s Indian Oil Corporation Limited, Digboi Refinery, Tinsukia, Assam** (herein after referred as the Unit) has shortlisted for inspection based on SMS alerts found exceedance under OCEMS surveillance programme during February 15<sup>th</sup> to March 15<sup>th</sup>, 2018; and

WHEREAS, Central Pollution Control Board, Regional Directorate, Shillong inspected the Unit April 20, 2018 and observed that the effluent discharged from ETP outlet w.r.t. TSS (85 mg/l > 20 mg/l), Phosphates (8.3 mg/l > 3.0 mg/l) & Sulphides (4.2 mg/l > 0.5 mg/l); and

WHEREAS, the Unit has not provided online data connectivity for Flow parameter at Effluent treatment plant (ETP) in effluent monitoring system as per the IT Division, CPCB report dated June 04, 2018; and

WHEREAS, the Unit has not provided online data connectivity for CO, NO<sub>x</sub> & SO<sub>2</sub> parameter at CPP\_HRSG1; CPP\_HRSG2; CPP\_HRSG3 & CPP\_HRSG4 in emission monitoring system as per the IT Division, CPCB report dated June 04, 2018; and

WHEREAS, the Unit has not provided online data connectivity for PM parameter at CPP in emission monitoring system as per the IT Division, CPCB report dated June 04, 2018; and

WHEREAS, the Unit has not provided online data connectivity for PM & CO parameter at CDU & VDU in emission monitoring system as per the IT Division, CPCB report dated June 04, 2018; and

WHEREAS, based on above stated observations, Directions (notice) under section 5 of the Environment (Protection) Act, 1986, notice was issued to M/s Indian Oil Corporation Limited, Digboi Refinery, Tinsukia, Assam vide letter dated June 11, 2018 to show cause as to why the Unit be not directed to close down all operational activities with immediate effect until following directions are compiled:

1. The Unit shall upgrade/ maintain the Water Pollution Control System attached to ETP so that discharged effluent may conform to prescribed standards.

2. The Unit (**M/s Indian Oil Corporation Limited, Digboi Refinery, Tinsukia, Assam**) shall provide connectivity for Flow parameter at Effluent treatment plant (ETP) in effluent monitoring system.
3. The Unit shall provide connectivity for CO, NO<sub>x</sub> & SO<sub>2</sub> parameter at CPP\_HRSG1; CPP\_HRSG2; CPP\_HRSG3 & CPP\_HRSG4 in emission monitoring system.
4. The Unit shall provide connectivity for PM parameter at CPP in emission monitoring system.
5. The Unit shall provide connectivity for PM & CO parameter at CDU & VDU in emission monitoring system.

WHEREAS, Unit has submitted the reply vide letter dated June 28, 2018, August 07, 2018 that Unit has provided connectivity in all stacks and provided connectivity for Flow parameter at Effluent treatment plant (ETP) in effluent monitoring system; and

WHEREAS, Unit submitted reply on July 27, 2018 stating that using Common Analyser for NO<sub>x</sub>, SO<sub>x</sub> and CO for HRSG 1, 2,3& 4 and Only two stacks are in operation at a time & SO<sub>x</sub>, NO<sub>x</sub>, CO data are updated to CPCB Server at an interval of 15 minutes for each stack; and

WHEREAS, PM & CO parameter at CDU & VDU in emission monitoring system are not required as designed heat input less than 10 MMKCal/hr; and

WHEREAS, Central Pollution Control Board, Regional Directorate, Shillong inspected the Unit on July 23, 2018 and observed that the effluent discharged from ETP are meeting the prescribed standards w.r.t. TSS (1.0 mg/l < 20 mg/l), Phosphates (2.9 mg/l < 3.0 mg/l) & Sulphides (0.5 mg/l = 0.5 mg/l); and

WHEREAS, the Unit provided online data connectivity for Flow parameter at Effluent treatment plant (ETP) in effluent monitoring system as per the CPCB, IT Division report dated September 14, 2018; and

WHEREAS, Unit used multiplexing of analysers for transmit of emission data of multiple stacks and in multiplexing, transmission of online data is not continuous and data is also lost. The same is also not recommended by CPCB; and

WHEREAS, Unit informed through e-mail dated September 25, 2018 that CPP\_HRSG 3 & 4 only are now operating and individual analysers for four parameters for these two stacks are provided and CPP\_HRSG 1 & 2 will not operate until independent analysers are installed in these two stacks; and


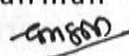
WHEREAS, Unit has provided online data connectivity for PM, CO, NO<sub>x</sub> & SO<sub>2</sub> parameter at CPP\_HRSG 3 & 4 separately as per the CPCB, IT Division report dated October 16, 2018; and

WHEREAS, the Ministry of Environment & Forests, Government of India, vide Notifications No. S. O. 157 (E) of 27.02.1996 and S. O. 730 (E) dated 10.07.2002, has delegated the powers vested under Section 5 of the Environment (Protection) Act, 1986 (29 of 1986) to the Chairman, Central Pollution Control Board, to issue directions to any industry or any local body or any other authority for violations of the standards and rules notified under the Environment (Protection) Rules, 1986 and amendment thereof.

**NOW, THEREFORE**, in view of the above and in exercise of powers delegated to the Chairman, Central Pollution Control Board under Section 5 of the Environment (Protection) Act, 1986, show cause notice issued to **M/s Indian Oil Corporation Limited, Digboi Refinery** vide letter dated June 11, 2018, is hereby revoked with following condition:

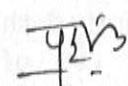
1. Unit shall ensure uninterrupted connectivity with CPCB server and Unit shall not practice multiplexing of analysers for transmit of emission data of multiple stacks at any case.

In case of non-compliance by the Unit action as deemed fit under the provisions of Environment (P) Act, 1986 shall be taken.

  
(S.P. Singh Parihar)  
Chairman  


**Copy to:**

1. The Chairman : For information please.  
Assam State Pollution Control Board,  
Maniram Dewan Rd, Anuradha  
Bamunimaidam, Guwahati-781021
2. The Advisor (CP Division)  
Ministry of Environment, Forests and Climate Change  
Prithvi Wing, 2nd Floor, Room No. 216  
Indira Paryavaran Bhawan  
Aliganj, Jor Bagh Road,  
New Delhi – 110003
3. The Chairman & Managing Director,  
Assam Power Distribution Company Ltd.,  
4th Floor , Bijulee Bhawan  
Paltan Bazar, Guwahati - 781001  
Assam
4. The Regional Director, : For information please.  
Central Pollution Control Board  
"TUM-SIR", Lower Motinagar,  
Near Fire Brigade H.Q.,  
Shillong –793014
- ✓ 5. The In-charge, IT, CPCB
6. The In-charge, IPC-VI, CPCB

  
(Prashant Gargava)  
Member Secretary