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केन्द्रीय प्रदूषण नियंत्रण बोर्ड
CENTRAL POLLUTION CONTROL BOARD

BY REGISTERED AD

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय भारत सरकार
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE GOVT. OF INDIA
August 21, 2017

To,

Indian Oil Corporation Limited (IOCL)
Gujarat Refinery, P.O. Jawaharnagar
Vadodara-391320, Gujarat State

Sub: Directions under Section 5 of the Environment (Protection) Act, 1986 regarding installation of on-line effluent and emission monitoring system- 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, a direction under section 18 (1) (b) of the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981 was issued on February 05, 2014 to all the State Pollution Control Boards (SPCBs)/ Pollution Control Committees (PCCs) for installation of online emission monitoring system w.r.t. PM, CO, SO₂, NO_x parameters & online effluent monitoring system w.r.t. pH, TSS, COD, BOD and Flow parameters in Oil refineries industries; and

WHEREAS it was clarified that flow meter & web camera may be installed in case of Units with zero liquid discharge (ZLD) by March 31, 2015 vide guidelines uploaded on website of CPCB dated November 7, 2014; and

WHEREAS, Show Cause Notice under Section 5 of Environment (Protection) Act 1986, was issued by Central Pollution Control Board on July 22, 2015 to **M/s Indian Oil Corporation Limited, Gujarat Refinery** to show cause as to why the unit should not be closed down if, the unit has not complied fully with the directions issued w.r.t. installation of online emission and effluent monitoring system by June 30, 2015. Further it was directed to submit documentary evidence regarding status of installation and connectivity; and

WHEREAS, Central Pollution Control Board, Regional Directorate, Vadodara inspected the unit on January 31, 2017 and February 02, 2017 and observed that the unit disposes the treated effluent at effluent channel to convey into estuary of river Mahi and the treated effluent is exceeding the GPCB prescribed norms w.r.t. NH₃-N (67.49 mg/l > 50 mg/l); and

WHEREAS, it was observed that the Online Monitoring System for Effluent monitoring was not operational on January 31, 2017 due to some problem in sensor & it was put in operation on February 02, 2017; and

WHEREAS, it was observed that location of Online Effluent Monitoring System is not at final discharge point; and

WHEREAS, on the basis of above stated observations, Central Pollution Control Board on April 11, 2017 issued show cause notice under Section 5 of Environment (Protection) Act 1986, to the unit that why the unit be not directed to close all manufacturing / production activity until it complies with the directions as specified therein; and

WHEREAS, the unit replied to the aforesaid show cause notice on May 03, 2017 and provided point wise compliance status of issued notice; and

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WHEREAS, to verify the compliance status of directions of aforesaid show cause notice, Central Pollution Control Board Regional Directorate, Vadodara re inspected the unit on July 27, 2017; and

WHEREAS, it was observed that the final discharged effluent is exceeding the prescribed GPCB norms viz TSS (122 mg/l > 100 mg/l); COD (300 mg/l > 250 mg/l) and Flow of RO reject (234.5 m³/hour > 212 m³/hour); 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, based on all facts and observations, in exercise of powers vested under Section 5 of the Environment (Protection) Act, 1986, **M/s Indian Oil Corporation Limited (IOCL), Gujarat Refinery**, P.O. Jawaharnagar, Vadodara, Gujarat is hereby directed to close all manufacturing / production activities until it complies with the following directions:

1. The unit shall ensure proper maintenance & operation of Effluent treatment plant so that treated effluent conforms to the GPCB prescribed norms.
2. The unit shall ensure real time connectivity of effluent flow data to Central Pollution Control Board.

In case of failure to comply with the said directions necessary action as deemed fit under the provision of the Environment (Protection) Act 1986 will be taken.

(S.P.Singh Parihar)
Chairman

S.P. Singh
23/08/2017

Copy to:

1. The Chairman
Gujarat State Pollution Control Board
Sector 10-A, Gandhi Nagar – 382 043
2. The Chairman
Dakshin Gujarat Vij Company Limited
Valsad circle, GJ SH 701 Valsad,
Kapadia Chal
Gujarat 396001
: With request to disconnect industrial electricity supply of the Unit, allowing supply only for domestic & security purposes.
3. 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

M/s Indian Oil Corporation Limited (IOCL),
Gujarat Refinery,
Vadodara, Gujarat

4. The Regional Director
Central Pollution Control Board
Parivesh Bhawan, Opp. VMC Ward Office No. 10
Subhanpura, Vadodra-390 023
- ✓ 5. The Incharge, IT, CPCB
6. IPC-VI, CPCB



(A.B. Akolkar)
Member Secretary

o/c