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SPEED POST

केन्द्रीय प्रदूषण नियंत्रण बोर्ड
CENTRAL POLLUTION CONTROL BOARD
(पर्यावरण एवं वन मंत्रालय, भारत सरकार)
(MINISTRY OF ENVIRONMENT & FORESTS, GOVT. OF INDIA)
January 27, 2021

To,

**M/s Numaligarh Refinery limited
P.O- Numaligarh Refinery Project
Dist.- Golaghat, Assam – 785699**

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

WHEREAS, the Oil Refinery 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 the unit 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, the **M/s. Numaligarh Refinery Limited, Assam** (herein after referred as the unit) has shortlisted for inspection based on no exceedance under OCEMS surveillance programme during June 15th to July 15th, 2018; and

WHEREAS, Central Pollution Control Board, Regional Directorate, Shillong inspected the unit on August 28- 29, 2018 and observed that the storm water drain outlet sample results are not meeting the prescribed standards w.r.t. **TSS 2694 mg/l > 20 mg/l), COD (151.3 mg/l > 125 mg/l) & Oil & Grease (24.7 mg/l > 5 mg/l); and**

'परिवेश भवन' पूर्वी अर्जुन नगर, दिल्ली-110032

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दूरभाष/Tel. : 43102030, फ़ैक्स/Fax : 22305793, 22307078, 22307079, 22301932, 22304948

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WHEREAS, during visit it was observed that the ETP sludge storage area does not have adequate protection from rain and there was no proper system for collection of leachate; and

WHEREAS, the unit had not provided online data connectivity w.r.t any effluent monitoring parameters (pH, TSS, BOD, COD and Flow) at Effluent treatment plant (ETP) as per visit report and CPCB, IT Division report dated October 11, 2018; and

WHEREAS, the unit had not provided OCEMS data connectivity for PM parameter at any stack and unit had not provided OCEMS data connectivity completely in all stacks for the measurement of all four parameters (SO_x, NO_x, PM and CO) as per the CPCB, IT Division report dated October 11, 2018; and

WHEREAS, based on above stated observations, closure directions under Section 5 of the Environment (Protection) Act, 1986 were issued to the unit **M/s. Numaligarh Refinery Limited, Assam** by Central Pollution Control Board on October 22, 2018; and

WHEREAS, the unit vide letter dated February 04, 2019 submitted the analysis report dated October 10, 2018 from Assam Pollution Control Board, which shows that discharge from storm water is complying with prescribed standards; and

WHEREAS, the unit vide letter dated February 04, 2019 informed that the Unit has installed Online Continuous Monitoring System (OCEMS) for parameters flow, pH, COD, BOD and TSS and provided the data connectivity to CPCB server which was also verified from the IT division, CPCB report dated February 26, 2019; and

WHEREAS, the unit vide letter dated August 13, 2019 informed that the Unit has installed OCEMS at all stacks as per guidelines and provided data connectivity to CPCB server which was also verified from the IT division, CPCB report dated August 14, 2019; and

WHEREAS, the unit vide email dated August 20, 2019 submitted photographic evidence that it has taken remedial measures regarding ETP sludge storage area and collection of leachate; and

WHEREAS, the unit submitted self-certificate vide letter dated January 27, 2020 which states that the Unit has not stopped its plant operation w.r.t. closure directions issued by CPCB; and

WHEREAS, the unit vide email dated December 23, 2020 submitted ETP adequacy report of the Effluent treatment plant from IIT, Guwahati, Assam which states that the ETP of the Unit is adequate to treat the generated trade effluent and contaminated rain water; and

WHEREAS, CPCB constituted a committee vide office order dated 03.10.2017 having representative(s) from CPCB and Ministry of Environment, Forests & Climate Change for examination and recommendation for revocation of the closure direction issued by CPCB; and

WHEREAS, the committee in its meeting held on January 13, 2021 examined the ETP adequacy report and documents submitted by the unit and recommended that the closure direction issued to the unit on October 22, 2018 may be revoked subject to following conditions:

- 1) Before commencement of operations, the unit shall obtain valid Consent to Operate (CTO) under the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016 from Assam State Pollution Control Board and industry shall not operate under any circumstances without valid CTO.
- 2) The unit shall ensure that the installed OCEMS devices are functioning properly & continuously and that data from those devices are uninterruptedly transferred to CPCB. Any failure in his regard shall be rectified at the earliest.
- 3) The unit shall ensure periodic calibration of the analyzers as per Standard Operating Procedure/recommendations of the supplier and submit the calibration results.

WHEREAS, the unit has not stopped its operation, despite issuance of closure directions by CPCB on 22.10.2018, which is non-compliance, for which action shall be taken separately; and

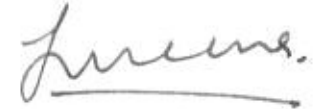
WHEREAS, the Ministry of Environment & Forests, Government of India, vide Notifications No. S. O. 157 (E) of 27.02.1996 and S. O. 730 (E) dated 10.07.2002, has delegated the powers vested under Section 5 of the Environment (Protection) Act, 1986 (29 of 1986) to the Chairman, Central Pollution Control 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 exercise of powers vested to the Chairman, Central Pollution Control Board under Section 5 of the Environment (Protection) Act, 1986, and in view of compliance verified by Central Pollution Control Board through examination of documents submitted by the unit; the directions issued under the Section 5 of the Environment (Protection) Act, 1986 to the unit (**M/s Numaligarh Refinery limited, Assam**) on October 22, 2018 is hereby revoked with following conditions:

- 1) Before commencement of operations, the unit shall obtain valid Consent to Operate (CTO) under the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016 from Assam State Pollution Control Board and industry shall not operate under any circumstances without valid CTO.

- 2) The unit shall ensure that the installed OCEMS devices are functioning properly & continuously and that data from those devices are uninterruptedly transferred to CPCB. Any failure in his regard shall be rectified at the earliest.
- 3) The unit shall ensure periodic calibration of the analyzers as per Standard Operating Procedure/recommendations of the supplier and submit the calibration results.

The unit shall ensure compliance with the norms. In case of non-compliance by the Unit, action as deemed fit under the provisions of Environment (Protection) Act, 1986 shall be taken.



(Shiv Das Meena)
Chairman

Copy to:

1. The Chairman
Assam State Pollution Control Board,
Bamunimaidan, Guwahati – 781021
Assam
2. The Joint Secretary (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 : With request to restore
Industrial electricity
supply of the unit.
4. The Regional Director,
Central Pollution Control Board
"TUM-SIR", Lower Motinagar,
Near Fire Brigade H.Q.,
Shillong –793014
5. ✓ DH, IT, CPCB
6. DH, IPC-VI, CPCB



(Prashant Gargava)
Member Secretary