



SPEED POST

B-29016/04/06/IPC-I/ 12889

November 22, 2018

To,

**M/s Reliance Industries Limited,
Village- Mora, P.O. Bhatha,
District Surat, Gujarat- 394510**

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

WHEREAS, the Petrochemical 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, the **M/s Reliance Industries Limited, District Surat, Gujarat** (herein after referred as the Unit) which comes under Petrochemical category, has installed the online continuous effluent monitoring system for the parameters pH, COD, TSS & Flow and online continuous emission monitoring system (OCEMS) for the parameters PM, NOx, CO & SO₂; and

WHEREAS, the Unit was inspected on August 30, 2018 by the officials from Central Pollution Control Board, Regional Directorate, Vadodara under the OCEMS surveillance (No exceedance) during the month of June- July 2018; and

WHEREAS, Central Pollution Control Board, Regional Directorate, Vadodara inspected the unit on August 30, 2018 and observed that the Unit has not provided OCEMS sensor for BOD parameter at ETP.

WHEREAS, the Unit has not provided online data connectivity for the following parameters i.e. **CO parameter** in 28 stacks (Stack-1_Flue; 2_Flue; 11_Process; 12_Process; 14_Flue; 14_Process; 15_Flue; 15_Process; 16_Flue; 17_Process; 18_Flue; 18_Process; 19_Flue; 19_Process; 20_Flue; 21_Flue; 22_Flue; 23_Flue; 24_Flue; 25_Flue; 26_Flue; 27_Flue; 28_Flue; 29_Flue; 30_Flue; 31_Flue; 32_Flue and 56_Flue); **NOx & SO₂ parameter** in 03 stacks (Stack-4_Process; 6_Process & 8-Process); **PM & CO parameter** in 29 stacks (Stack- 13_Process; 16_Process; 33_Flue; 34_Flue; 35_Flue; 36_Flue; 37_Flue; 38_Flue; 39_Flue; 40_Flue; 41_Flue; 42_Flue; 43_Flue; 44_Flue; 45_Flue; 46_Flue; 47_Flue; 48_Flue; 49_Flue; 50_Flue; 51_Flue; 53_Flue; 55_Flue; HRSG1; HRSG2; HRSG3; HRSG4; HRSG5 & HRSG6); **NOx & CO parameter** in Stack_55_Flue; **CO, NOx & SO₂ parameter** in 11 Stacks (Stack-2_Process; 3_Process; 8_Flue; 9_Flue; 10_Flue; 10_Process; 11_Flue; 12_Flue; 13_Flue; 21_Process & 22_Process); **PM, CO, NOx & SO₂ parameter** in 14 Stacks (Stack-3_Flue; 4_Flue; 5_Flue; 5_Process; 6_Flue; 7_Process; 9_Process; 20_Process; 23_Process; 24_Process; 25_Process; 26_Process; 27_Process & 28_Process) in emission monitoring system as per the IT Division, CPCB report dated October 11, 2018; and

WHEREAS, the Unit has not provided online data connectivity for BOD parameters in effluent monitoring system as per the IT Division, CPCB report dated October 11, 2018; and

WHEREAS, based on the above observations, Direction (Notice) under section 5 of the Environment (Protection) Act, 1986, was issued to the Unit to show cause as to

why your unit be not directed to close down all operational activities with immediate effect until following directions are complied:

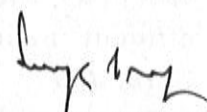
1. The unit shall provide connectivity for the following parameters i.e. **CO parameter** in 28 stacks (Stack-1_Flue; 2_Flue; 11_Process; 12_Process; 14_Flue; 14_Process; 15_Flue; 15_Process; 16_Flue; 17_Process; 18_Flue; 18_Process; 19_Flue; 19_Process; 20_Flue; 21_Flue; 22_Flue; 23_Flue; 24_Flue; 25_Flue; 26_Flue; 27_Flue; 28_Flue; 29_Flue; 30_Flue; 31_Flue; 32_Flue and 56_Flue); **NOx & SO₂ parameter** in 03 stacks (Stack-4_Process; 6_Process & 8-Process); **PM & CO parameter** in 29 stacks (Stack- 13_Process; 16_Process; 33_Flue; 34_Flue; 35_Flue; 36_Flue; 37_Flue; 38_Flue; 39_Flue; 40_Flue; 41_Flue; 42_Flue; 43_Flue; 44_Flue; 45_Flue; 46_Flue; 47_Flue; 48_Flue; 49_Flue; 50_Flue; 51_Flue; 53_Flue; 55_Flue; HRSG1; HRSG2; HRSG3; HRSG4; HRSG5 & HRSG6); **NOx & CO parameter** in Stack_55_Flue; **CO, NOx & SO₂ parameter** in 11 Stacks (Stack-2_Process; 3_Process; 8_Flue; 9_Flue; 10_Flue; 10_Process; 11_Flue; 12_Flue; 13_Flue; 21_Process & 22_Process); **PM, CO, NOx & SO₂ parameter** in 14 Stacks (Stack-3_Flue; 4_Flue; 5_Flue; 5_Process; 6_Flue; 7_Process; 9_Process; 20_Process; 23_Process; 24_Process; 25_Process; 26_Process; 27_Process & 28_Process).
2. The unit shall provide online data connectivity for BOD parameters in effluent monitoring system

WHEREAS, unit has submitted the reply to the Directions (Notice), vide letter dated November 09, 2018 and informed that the CTO granted by GPCB does not specify these parameters, they will install the gas analysers as per petrochemical industry standards 2012 by March 31, 2019 & provide connectivity for BOD analyser in place of TOC by December 31, 2018; and

NOW, THEREFORE, in exercise of powers vested to the Chairman, Central Pollution Control Board under Section 5 of the Environment (Protection) Act, 1986, **M/s Reliance Industries Limited, District Surat, Gujarat** is directed to comply the following directions:

1. The unit shall install the gas analyser (PM, CO, SO₂ & NO_x) for stack monitoring system as per petrochemical industry standards 2012 which will be completed by March 31, 2019.
2. The unit shall provide connectivity for BOD parameter in place of TOC by December 31, 2018.

The time bound action plan for compliance of above directions shall be submitted to Central Pollution Control Board within 15 days of the receipt of the directions. 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 by Central Pollution Control Board


(S.P. Singh Parihar)
Chairman

26.11.18

Copy to:

1. The Chairman
Gujarat Pollution Control Board
Paryavaran Bhavan, Sector-10A,
Gandhinagar- 382010, Gujarat,
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 Regional Director
Central Pollution Control Board
Parivesh Bhawan
Opp. VMC Ward office No. 10, Subhanpura
Vadodara, Gujarat-390023
4. I/c, IPC-VI, CPCB
5. I/c, IT Division, CPCB, Delhi


(Prashant Gargava)
Member Secretary