



TC-11369

Sustainability

# Test Report

Issued from : Pithampur Industrial waste Management Pvt. Ltd. LABORATORY

Issued to : M/s. Rajasthan Waste Management Project,  
1810/13, Village Gudli, Zinc Smelter Chourha,  
Debari Railway Station Road, Tehsil Mavli,  
Udaipur

Report No: PIWMPL/LAB/993/2023-24  
Issued Date: 22/12/2023  
ULR No. TC1135923000000834F

Sampling Location: Incinerator Stack

Date &amp; Time of Monitoring : 19/12/2023 at 12:30 Hours

Date of Sample Receipt: 20/12/2023

Date of Start of Analysis: 20/12/2023

Date of Completion of Analysis: 22/12/2023

Other References :

|        |                                                          |        |                                          |
|--------|----------------------------------------------------------|--------|------------------------------------------|
| Ref:1  | Nature of Sample: Stack Emission Monitoring              | Ref:2  | Stack Temperature : 74°C                 |
| Ref:3  | Stack gas Velocity: 9.75 m/sec                           | Ref:4  | Ambient Temperature : 27 °C              |
| Ref:5  | Fuel Fired : HSD                                         | Ref:6  | Stack Height : 30 meters                 |
| Ref:7  | Flue gas Flow Rate: 14136.51 Nm <sup>3</sup> /hr         | Ref:8  | Capacity: 500 kg/hr.                     |
| Ref:9  | Monitoring Carried out by : Sunil Kumawat                | Ref:10 | Duration of Sampling: 60 minutes         |
| Ref:11 | Sampling Protocol: PIWMPL/SOP/LAB/45:2022;Rev./Issue: 01 | Ref:12 | General Environment Condition: Clear Sky |

## TEST LIMIT AS PER MoEF&CC

Table 1- Stack Emission Monitoring Report

| Sl. No | Parameters                            | Unit               | Result | Limit | Method of Test                                           |
|--------|---------------------------------------|--------------------|--------|-------|----------------------------------------------------------|
| 1      | Particulate Matter ,PM a              | mg/Nm <sup>3</sup> | 40.85  | 50    | IS 11255 :Part 1-1985                                    |
| 2      | Oxides of Nitrogen as NO <sub>2</sub> | mg/Nm <sup>3</sup> | 75.79  | 400   | IS 11255 : Part 7 -2005                                  |
| 3      | SulphurDioxide, (SO <sub>2</sub> )    | mg/Nm <sup>3</sup> | 39.51  | 200   | IS 11255: Part 2- 1985                                   |
| 4      | Carbon Monoxide as CO                 | mg/Nm <sup>3</sup> | 33.89  | 100   | PIWMPL/LAB/SOP/19: Issue No1 Issue Date 21/07/2022: 2022 |

- Note :
- 1.All monitor values are corrected to 11% oxygen on dry basis.
  - 2.The above results relate only to conditions prevailing at the time of sampling.
  3. Statement of conformity to a specification or standard is given only on the request of customer.
  4. The report cannot be reproduced in part or in full without the permission of Pithampur Industrial Waste Management Pvt. Ltd.

\*\*\*\*\*End of the test report\*\*\*\*\*

Reviewed By:

Ram Avtar Prajapati

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PIWMPL/LAB/ORF/00/21.07.2022

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