


**Report No: HWMP/ COM / ENV / 24-0071**

**Name and address of the client**

**M/s. Hyderabad Waste Management Project,  
(A Division of Re Sustainability Limited)  
Dundigal Village, Dundigal Gandimaisamma Mandal,  
Medchal Malkajgiri District, Telangana-500043.**

**Date of Report : 29.02.2024**  
**Analysis Starting Date : 28.02.2024**  
**Analysis Completion Date : 29.02.2024**  
**Sample Collected by : HWMP-Laboratory**  
**Date of Sampling on : 27.02.2024**  
**Sample Description : Stack Emission Monitoring**  
**Subcontract Tests : HWMP LAB was not given any subcontracting work to other parties**

**Sample Registration no/Locations details: SM-240071: S.D. Plant**

  
**Verified by  
K. Ravi Kumar  
Sr. Dy. Manager**

  
**Authorized Signatory  
Y. Swathi  
Quality Manager**

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## TEST REPORTS FOR STACK EMISSION MONITORING


Samples are analyzed "as is where basis is"

Sl. No's.	Parameters	Units	Methods	Results
				SM-240071
Stack Diameter		Mts.	---	1.5
Stack Cross Sectional Area		Sq. m.	---	1.767
Stack Height		Mts.	---	40
Stack Connected to		---	---	S.D. Plant
Fuel		---	--	RDF
Temperature (Ta)		°C	IS-11255 (Part-1):1985	34
Temperature (Ts)		°C	IS-11255 (Part-1):1985	86
Velocity		m/sec	IS-11255 (Part-1):1985	7.27
Flow Rate		m <sup>3</sup> /hr.	IS-11255 (Part-1):1985	46246

### TEST RESULTS FOR FLUE GAS EMISSION CHARACTERISTICS

1.	Sulfur Dioxide	mg/Nm <sup>3</sup>	Flue Gas Analyzer	53
2.	Oxides of Nitrogen	mg/Nm <sup>3</sup>	Flue Gas Analyzer	16
3.	Particulate Matter	mg/Nm <sup>3</sup>	IS-11255 (Part-1)	39
4.	Carbon Monoxide as CO	mg/Nm <sup>3</sup>	Flue Gas Analyzer	3.2
5.	Hydrogen Chloride as HCL	mg/Nm <sup>3</sup>	USEPA Method-26	1.1
6.	Hydrogen Sulfide as H <sub>2</sub> S	mg/Nm <sup>3</sup>	Multi Gas Analyzer	1.2
7.	Oxygen as O <sub>2</sub>	%	Multi Gas Analyzer	16.4

- Opinion and interpretation: Nil
- Reports pertained only to the collected samples while monitoring
- Test reports shall not be reproduced except in full, without written approval of the Laboratory
- Note: Stack Monitoring Kit- VSS-1/ 67-DTE-12, Vayubodhan. Calibrated On: 05.02.2024 & Due Date: 04.02.2025.

  
**Verified by**  
**K. Ravi Kumar**  
**Sr. Dy. Manager**

  
**Authorized Signatory**  
**Y. Swathi**  
**Quality Manager**