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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

Hyderabad Waste Management Project (A Division of Re Sustainability Limited)
Site Address:

TSDF at: Survey No. 684/1, Dundigal - Gandimaisamma Muncipality, Medchal - Malkajgiri Dist. - 500 043, Telangana, India. Re Sustainability Limited [formerly known as Ramky Enviro Engineers Limited] Registered Office:

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TEST REPORTS FOR STACK EMISSION MONITORING

Samples are analyzed "as is where basis is"

SI. No's.	Parameters		Units	Methods	Results SM-240071
Stack Diameter			Mts.	200	1.5
Stack Cross Sectional Area			Sq. m.	<u> </u>	1.767
Stack Height			Mts.	****	40
Stack Connected to			2 550 2)·	S.D. Plant
Fuel			i as .		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			m³/hr.	IS-11255 (Part-1):1985	46246
TEST RESULTS FOR FLUE GAS EMISSION CHARACTERISTICS					
1,	Šulfur	Dioxide	mg/Nm³	Flue Gas Analyzer	53
2.	Oxides of Nitrogen		mg/Nm³	Flue Gas Analyzer	16
3.	Particulate Matter		mg/Nm³	IS-11255 (Part-1)	39
4.	Carbon Monoxide as CO		mg/Nm³	Flue Gas Analyzer	3.2
5.	Hydrogen Chloride as HCL		mg/Nm³	USEPA Method-26	1.1
6.	Hydrogen Sulfide as H₂S		mg/Nm³	Multi Gas Analyzer	1.2
, 7 _*	Oxygen as O ₂		%	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