



## Greenlink Analytical and Research Laboratory (India) Private Ltd.

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### TEST REPORT FOR SOURCE EMISSION MONITORING

Name of the Industry	M/s. MAK INDIA LIMITED
Address	7 /41-B. Avinashi Road, Civil Aerodrome Post, Goldwins, Coimbatore-641014
Project Site Address	No.63/3B, Nanjai Dhalavaipalayam Village Vairapalayam, Erode-638003
Date & Time of Sampling	16.10.2018 - 11.30 am to 12.30 pm
Test Completed on	20.10.2018
Report No	GLARL/SEM/10/2018/0003
Instrument Used	Stack Monitoring Kit (Vayubodhan)

### DETAILS OF THE STACK

Particulars	Details
Stack Identification	Municipal Solid Waste Incinerator
Sample Description	Stack Gas
Stack Attached to	Municipal Solid Waste Furnace
Emission due to	Burning of Municipal Solid Waste
Stack Construction Material	S.S Pipe
Shape of Stack	Circular
Weather Stack is provided with permanent Platform & Ladder	Yes- Platform
Stack Height	6.10 m
Stack Diameter	Top      Sampling Point      Bottom 0.60 m      0.60 m      0.60 m
Ambient Temperature	305°K
Furnace Temperature	1233°K
Stack Temperature	331°K
Flue Gas Velocity	4.35 m/s
Number of Traverse Point	8 No's
Height of the Sampling Point	2.44 m
Barometric Pressure	748 mm/Hg

### RESULTS OF SAMPLING & ANALYSIS OF GASEOUS EMISSION-SOLID WASTE INCINERATOR

S.No	Pollutant	Test Method	Unit	Results	Permissible Limit as per CPCB
1	Particulate Matter (PM)	IS 11255 (Part 1)	mg/Nm <sup>3</sup>	45.0	150
2	Sulphur Di Oxide (SO <sub>2</sub> )	IS 11255 (Part 2)	mg/Nm <sup>3</sup>	32.4	-
3	Oxides of Nitrogen (NO <sub>2</sub> )	IS 11255 (Part 7)	mg/Nm <sup>3</sup>	48.6	-
4	Carbon Monoxide (CO)*	IS 13270 (Clause 4 )	% (v/v)	1.4	≤ 3.5
5	Hydrocarbons (PAHs)*	IS 5182 (Part 12)	% (v/v)	0.8	-

Note: The tests marked with an\* are not accredited by NABL.

\*\*\* End of Report \*\*\*



V. C. Geetha  
Authorized Signatory  
Page 1 of 1