



Edward Food Research & Analysis Centre Limited

QA.15.0.0.3

TEST REPORT

ISSUED TO Medicare Environmental Management Pvt.Ltd K-26, Phase-III, Industrial Growth Centre, Kalyani Kalyani - 741235 KIND ATTENTION : Mr. Suraj Shaw	REPORT NO : EFRAC/2022/ENV/07108 ISSUE DATE : 04/01/2023 CUSTOMER REF : TRF REF. DATE : 31/12/2022 PAGE NO : 01 of 03
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SAMPLE DETAILS

SAMPLE REGISTRATION DETAILS	
Sample Receipt Date : 31/12/2022	Sample Quantity Received : 1 no.
Sample Registration Date : 31/12/2022	Sample Quantity Used : 1 no.
Sample Registration No : EFRAC/2022/ENV/07108/01/WC/ 00416	Sample Submitted/Drawn by : EFRAC
Sample Type : DG Stack	Sampling Date : 31/12/2022
Batch No : DG Set	Sampling Method : IS/EPA
	Sampler Name : Satyajit Mondal
	Sample Condition : Fit For Analysis
SAMPLE ANALYSIS DETAILS	
Analysis Starting Date : 01/01/2023	Analysis Completion Date : 04/01/2023

GENERAL INFORMATION ABOUT STACK

Stack identification no	: DG Stack
Shape of Stack	: Circular
Stack Connected to	: DG Set
Emission due to	: Combustion of HSD
Stack height from ground level(m)	: 10.0 m
Height of Sampling point from ground level(m)	: 7.0 m
Stack diameter at Sampling point(m)	: 0.18 m
Material of construction of stack	: MS
Installed capacity	: 82.5 KVA
Running capacity	: 6.2 KVA
Fuel used	: HSD
Fuel consumption	: 8.0 lit/hr
Platform & ladder type & condition	: Permanent and Well
Pollution control device	: NA
Remarks	: NA

LOQ:Limit of Quantitation;BLQ:Below Limit of Quantitation;UOM:Unit of Measurement;MAX:Maximum;MIN:Minimum;NMT:Not More Than;NLT:Not Less Than.
PR:Present;AB:Absent.

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ULR-TC581722000017208F

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TEST RESULTS

SL.NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
Physical and Chemical Parameters						
1	Particulate Matter	g/kW-hr	IS 11255 (Part 1) - 1985, RA:2003	N/A	Max:0.2	0.179
2	Sulphur Dioxide (SO2)	g/kW-hr	EPA Method 6C	N/A	--	0.322
3	Carbon dioxide (CO2)	%	USEPA 3A	N/A	--	7.4

Remarks : Requirement given as per CPCB guidelines for DG set Emission less than 800 KW.



Kaushik Mondal
Group Leader
Authorized Signatory

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TEST RESULTS

SL.NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
Environment						
1	Oxides of Nitrogen (NOx)	g/kW-hr	EPA Method 7E	N/A	Max:4.0	0.409
2	Carbon Monoxide	g/kW-hr	USEPA 10	N/A	Max:3.5	0.607

Remarks : Requirement given as per CPCB guidelines for DG set Emission less than 800 KW.



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END OF THE TEST REPORT

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