

TEST REPORT

ISSUED TO

Medicare Environmental Management Pvt.Ltd
41,F-Road,Belgachia,Near HMC Dumping Site
Howrah - 711105

KIND ATTENTION : Mr. Gouranga Bera

REPORT NO

: EFRAC/2023/ENV/00937

ISSUE DATE

: 15/03/2023

CUSTOMER REF

: TRF

REF. DATE

: 09/03/2023

PAGE NO

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SAMPLE DETAILS

SAMPLE REGISTRATION DETAILS

Sample Receipt Date : 09/03/2023

Sample Registration Date : 14/03/2023

Sample Registration No : EFRAC/2023/ENV/00937/01/WC/ 03738

Sample Type : Stack Monitoring

Batch No : DG Stack

Sample Quantity Received : 1 no.

Sample Quantity Used : 1 no.

Sample Submitted/Drawn by : EFRAC

Sampling Date : 03/03/2023

Sampling Method : IS / EPA / CPCB

Sampler Name : Satyajit Mondal

Sample Condition : Fit For Analysis

SAMPLE ANALYSIS DETAILS

Analysis Starting Date : 14/03/2023

Analysis Completion Date : 15/03/2023

GENERAL INFORMATION ABOUT STACK

Stack identification no : DG Stack
Shape of Stack : Circular
Stack Connected to : DG Set
Emission due to : Burning of HSD
Stack height from ground level(m) : 10.0m
Height of Sampling point from ground level(m) : 7.0m
Stack diameter at Sampling point(m) : 0.18m
Material of construction of stack : MS
Installed capacity : 125 KVA
Running capacity : 62 KVA
Fuel used : HSD
Fuel consumption : 8 Lit/hr
Platform & ladder type & condition : Permanent & 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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**Research & Analysis Centre:Subhas Nagar,PO:Nilgunj Bazar,Barasat,Kolkata-700121,Phone +91 33 7112 2800,
Email:efraclab@efrac.org,Website:www.efrac.org,CIN-U24100WB1921PLC004311**



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		Sampler Name	: Satyajit Mondal
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SAMPLE ANALYSIS DETAILS

Analysis Starting Date	: 14/03/2023	Analysis Completion Date	: 15/03/2023
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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	0.163
2	Carbon dioxide (CO2)	%	USEPA 3A	N/A	--	3.9
3	Temperature	°C	IS: 11255 (Part-3): 1985	N/A	--	156
4	Velocity	m/s	IS 11255 : Part 3	N/A	--	15.69
5	Oxygen (O2)	%	USEPA 3A	N/A	--	16.5

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



Souvik Karmakar
(E. CODE: EC56717)
Authorized Signatory

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TEST RESULTS

SL.NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
Physical and Chemical Parameters (Contd.)						
6	Sulphur Dioxide (SO ₂)	g/kW-hr	EPA Method 6C	N/A	--	0.268

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



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SL.NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
Physical and Chemical Parameters						
7	?P (Delta P)	mmH2O	CPCB Emission Regulation (Part-3): 1985	N/A	--	13.5
8	Flow Rate	Nm3/hr	USEPA Method 2	N/A	--	985.26

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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