

TEST REPORT

ISSUED TO

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

KIND ATTENTION : Mr.Vijay Kr.Singh

REPORT NO

: EFRAC/2023/ENV/05541

ISSUE DATE

: 18/09/2023

CUSTOMER REF

: TRF

REF. DATE

: 13/09/2023

PAGE NO

: 01 of 02

SAMPLE DETAILS

SAMPLE REGISTRATION DETAILS

Sample Receipt Date : 13/09/2023

Sample Registration Date : 13/09/2023

Sample Registration No : EFRAC/2023/ENV/05541/01/WC/ 12712

Sample Type : DG Stack

Batch No : DG Set 125 KVA

Sample Quantity Received : 1 no.

Sample Quantity Used : 1 no.

Sample Submitted/Drawn by : EFRAC

Sampling Date : 11/09/2023

Sampling Method : IS/EPA

Sampler Name : Satyajit Mondal

Sample Condition : Fit For Analysis

SAMPLE ANALYSIS DETAILS

Analysis Starting Date : 14/09/2023

Analysis Completion Date : 18/09/2023

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

: -

Fuel used

: HSD

Fuel consumption

: 18 lit/hr

Platform & ladder type & condition

: Permanent & Well

Pollution control device

: N/A

Remarks

: N/A

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.

Please refer Disclaimer (Terms And Conditions Related To The Test Report Issued) at the last page after the end of Test Report

**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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ISSUED TO Medicare Environmental Management Pvt.Ltd 41,F-Road,Belgachia,Near HMC Dumping Site Howrah - 711105 KIND ATTENTION : Mr.Vijay Kr.Singh	REPORT NO : EFRAC/2023/ENV/05541 ISSUE DATE : 18/09/2023 CUSTOMER REF : TRF REF. DATE : 13/09/2023 PAGE NO : 02 of 02
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SAMPLE DETAILS

SAMPLE REGISTRATION DETAILS	
Sample Receipt Date : 13/09/2023	Sample Quantity Received : 1 no.
Sample Registration Date : 13/09/2023	Sample Quantity Used : 1 no.
Sample Registration No : EFRAC/2023/ENV/05541/01/WC/ 12712	Sample Submitted/Drawn by : EFRAC
Sample Type : DG Stack	Sampling Date : 11/09/2023
Batch No : DG Set 125 KVA	Sampling Method : IS/EPA
	Sampler Name : Satyajit Mondal
	Sample Condition : Fit For Analysis
SAMPLE ANALYSIS DETAILS	
Analysis Starting Date : 14/09/2023	Analysis Completion Date : 18/09/2023

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	0.199
2	Sulpher Dioxide(SO2)	g/kW-hr	IS: 11255 (Part-2): 1985, RA 2003	N/A	--	0.339
3	Carbon Dioxide (CO2)	%	USEPA 3A	N/A	--	15.4
4	Carbon Monoxide (CO)	g/kW-hr	USEPA 10	N/A	Max. 3.5	0.405
5	Oxides of Nitrogen (NOx)	g/kW-hr	EPA Method 7E	N/A	Max. 4.0	0.465

Remarks : Sample confirms to the requirements as per CPCB guidelines for DG set Emission less than 800 KW for the above tested parameter only.



Souvik Karmakar
(E. CODE: EC56717)
Authorized Signatory

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****END OF THE TEST REPORT****

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