

**TEST REPORT**

**ISSUED TO**

Medicare Environmental Management Pvt.Ltd.  
Mouza-Mangalpur,Touzi No 19,Mannheim,Raniganj  
Durgapur - 713347

**KIND ATTENTION** : Mr. Gouranga Bera

**REPORT NO** : EFRAC/2022/ENV/06997

**ISSUE DATE** : 29/12/2022

**CUSTOMER REF** : TRF

**REF. DATE** : 19/12/2022

**PAGE NO** : 01 of 02

**SAMPLE DETAILS**

**SAMPLE REGISTRATION DETAILS**

Sample Receipt Date : 19/12/2022

Sample Registration Date : 26/12/2022

Sample Registration No : EFRAC/2022/ENV/06997/01/WC/ 14949

Sample Type : Stack

Batch No : DG Stack

Sample Quantity Received : 1 no.

Sample Quantity Used : 1 no.

Sample Submitted/Drawn by : EFRAC

Sampling Date : 16/12/2022

Sampling Method : IS/EPA

Sampler Name : Loton Dey

Sample Condition : Fit For Analysis

**SAMPLE ANALYSIS DETAILS**

Analysis Starting Date : 27/12/2022

Analysis Completion Date : 29/12/2022

**GENERAL INFORMATION ABOUT STACK**

Stack identification no : DG ( Diesel Generator)

Shape of Stack : Circular

Stack Connected to : DG Set

Emission due to : Burning of HSD

Stack height from ground level(m) : 7.92 m

Height of Sampling point from ground level(m) : 3.35 m

Stack diameter at Sampling point(m) : 0.12 m

Material of construction of stack : MS

Installed capacity : 200 KVA

Running capacity : 50 KVA

Fuel used : HSD

Fuel consumption : 10 lit/hr

Platform & ladder type & condition : Well and Permanent

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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Email:efraclab@efrac.org,Website:www.efrac.org,CIN-U24100WB1921PLC004311**



## TEST REPORT

<b>ISSUED TO</b> Medicare Environmental Management Pvt.Ltd. Mouza-Mangalpur,Touzi No 19,Mannheim,Raniganj Durgapur - 713347 <b>KIND ATTENTION</b> : Mr. Gouranga Bera	<b>REPORT NO</b> : EFRAC/2022/ENV/06997 <b>ISSUE DATE</b> : 29/12/2022 <b>CUSTOMER REF</b> : TRF <b>REF. DATE</b> : 19/12/2022 <b>PAGE NO</b> : 02 of 02
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## SAMPLE DETAILS

<b>SAMPLE REGISTRATION DETAILS</b>	
Sample Receipt Date : 19/12/2022	Sample Quantity Received : 1 no.
Sample Registration Date : 26/12/2022	Sample Quantity Used : 1 no.
Sample Registration No : EFRAC/2022/ENV/06997/01/WC/ 14949	Sample Submitted/Drawn by : EFRAC
Sample Type : Stack	Sampling Date : 16/12/2022
Batch No : DG Stack	Sampling Method : IS/EPA
	Sampler Name : Loton Dey
	Sample Condition : Fit For Analysis
<b>SAMPLE ANALYSIS DETAILS</b>	
Analysis Starting Date : 27/12/2022	Analysis Completion Date : 29/12/2022

## TEST RESULTS

SL.NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
<b>Physical and Chemical Parameters</b>						
1	Particulate Matter	g/kW-hr	IS 11255 (Part 1) - 1985, RA:2003	N/A	Max. 0.2	0.070
2	Sulphur Dioxide (SO <sub>2</sub> )	g/kW-hr	EPA Method 6C	N/A	--	0.190
3	Carbon dioxide (CO <sub>2</sub> )	%	USEPA 3A	N/A	--	7.8

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

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