

Analysis Reports of Gaseous Emission

Identification Code: 

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**WEST BENGAL POLLUTION CONTROL BOARD**

Durgapur Regional Laboratory, Paribesh Bhawan, City Centre, Durgapur- 713 216

**Analysis done at:**

1.Name of Industry		M/s. Medicare Environmental Management Pvt. Ltd	
2.Address		Mouza- Mangalpur, Touzi No.-19, P.S: Raniganj	
3.Category & Type		Red	
4.Sampling Date		21.07.2023	
5.Duration of Sampling		35 min	
6.Name of Laboratory		M/s. Indicative Consultant India	
7.Height of Stack from ground (m)		30.0	
8.Cross section of Stack at sampling point (m <sup>2</sup> )		0.786	
9.Stack connected to		Incinator (250 kg/hr.)	
10.Emission due to (Furnace / Boiler)		Burning of HSD & Bio-Medical Waste	
11.Average operational hours of boiler/furnace (per month)		720 hrs/month	
12.APC System (if any)		Wet Venturi & Wet Scrubber	
13.Working load of source (MT/hr)		210 kg/hr.	
14. Fuel used		HSD	
15.Rated Fuel consumption (Kg or l /hr)		-	
16.Working Fuel consumption (Kg or l /hr)		30.0 lit/hr.	
17.Nature of furnace/boiler		Incinator	
18.Flue Gas Temp (°C)		57.0	
19.Flue gas velocity (m/s)	7.61	20.Volume of Flue gas drawn in lit (m <sup>3</sup> )	1.085
21.Corrected flue gas volume (Nm <sup>3</sup> )	0.9390	22.Percentage of CO <sub>2</sub> & O <sub>2</sub>	CO <sub>2</sub> =5.2% O <sub>2</sub> =14.2%
23.To be compensated at (% if required)		-	
24.Initial wt of thimble (gm)	1.5085	25.Final wt of thimble (gm)	1.5342
26.Wt. of PM (mg)	25.70	27.Particulate matter (mg/Nm <sup>3</sup> )	27.37
28.Barometric Pressure Head (mm of Hg)	741	29.Diameter of the nozzle	9.525 mm
30. Others   NO <sub>x</sub> & Acid Mixed sampled		31. Thimble Number	4771
32. Sampled by		Mr. A. Barman, AEE	

20/07/2023  
Date of Reporting

*Chandani*  
Junior Scientist, DRL

*Mr. 28/07/2023*  
Scientist, DRL

- Copy to:
1. Chief Engineer - Operation & Execution, WBPCB
  2. Chief Scientist, WBPCB
  3. Env. Engineer (DRO) / Env. Engineer (ARO), WBPCB
  4. Industry

Analysis Report of Waste Water/Solid Samples

Inspection Id:

U00500000156461070823634

Identification Code:

2 1 0 7 2 0 2 3 3 5 9 3

Analysis Done At:



**WEST BENGAL POLLUTION CONTROL BOARD**  
Durgapur Regional Laboratory, Paribesh Bhawan, Durgapur-713 216

Mr. P. Mondal, JEE

Sample Collected by (First name only in short) (As indicate in the label affixed to the sample container)	Date=> 21/07/2023	Office Code=>	00000005
Name of Unit / Source:	M/s. Medicare Environmental Management Pvt. Ltd.		
Address:	457(P) 0 P.O.- Raniganj P.S.- Raniganj Dist.- Burdwan Pin Code- 713347		
Sl.	Sampling Details (Collection/Discharge)	T#/U#	Collection Time
1	Plant discharge outlet	T	1545

#Treated / Untreated

Parameters	Sample Serial Number
TSS	1
COD	64.00
pH (Unit)	15.09
BOD	8.87
O&G	Not Done
	< 1.00

\*All Parameters expressed in mg/l excepting pH

BDL : Below Detectable Limit, NT : Not Traceable , NE : Not Exerted, N.A. : Not Applicable

Remarks: ETP exists.

07/08/2023  
Date of Reporting

Signature of (JS/S/SS)

Signature of In-Charge

- Copy to : 1. Chief Engineer, Operation & Execution, WBPCB  
2. Chief Scientist, WBPCB  
3. Asansol Regional Office, WBPCB  
4. Industry