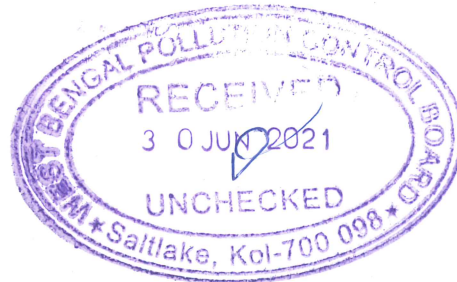


MEMPL/WBPCB/DUR/BMWENVSTAT/21-22/034
29.06.2021

The Chief Engineer -WMC,
West Bengal Pollution Control Board,
Paribesh Bhavan,
10A, Block LA, Sector III,
Salt Lake, Kolkata – 700098



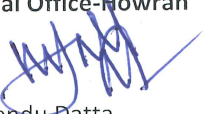
Sub: Submission of "Environmental Audit Statement" of our **Mangalpur facility** for the period of April'20 to March'21

Dear Sir,

We are hereby pleased to submit the environmental audit statement of our Mangalpur facility for the period of April'20 to March'21 in prescribed format, as attached.

Thanking you,

for Medicare Environmental Management Pvt. Ltd.
Regional Office-Howrah


Krishnendu Datta
DGM-Operations.
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FORM – V
(See rule 14)
Environmental Audit Report for the Financial year ending the 31st March 2021.

PART – A

1	Name & address of the owner / occupier of the industry, operation or process	Medicare Environmental Management Pvt. Ltd. Mouza – Mangalpur, Touzi No 19 Manbhum, Dag no – 457(P), 458(P), JL no 22, PS – Raniganj, Dist – Burdwan, Pin - 713347
2	Industry Category	CBWTF (RED)
3	Production Capacity	7500 kgs per day (5000 Incinerable + 2500 Autoclavable)
4	Year of establishment	2007
5	Date of Last Environmental Statement	19.06.2020

PART – B

1	Water Consumption m ³ /day process		
	Cooling (quencher / ventury / scrubber)	14.01	
	Domestic (toilet / washing)	07.71	
	Name of Products	Water consumption per unit of products	
		During the previous financial year 19-20	During the previous current financial year 20-21
1	Not applicable		
2			
2	Raw Material Consumption	Consumption of Raw Material Per unit of output	
	Name of Raw Materials	Name of Products	
		During the previous financial year 19-20	During the current financial year 20-21
	HSD	Transportation	115.26 KL
		Operation	120.60 KL
			81.33 KL
		196.59 KL (Total)	44.52 KL
			165.12 KL (Total)

BMW	Incinerable Autoclavable	2707.98 Ton 269.53 Ton	2651.86 Ton 170.77 Ton
PART – C Pollution Generated (Parameters as specified in the consent issued)			
	Pollutants	Quantity of pollution generated	Percentage of variation from prescribed standards with reasons
a	Water (as per individual consent)	December, 2020(EFRAC) ETP Inlet pH Value – 7.8 SS – 244 mg/ltr Oil & Grease – 14 mg/ltr BoD – 320 mg/ltr CoD – 848 mg/ltr ETP Outlet pH Value – 7.7 SS – 24 mg/ltr Oil & Grease – 6 mg/ltr BoD – 14 mg/ltr CoD – 160 mg/ltr	

b	Air	<p>September, 2020(EFRAC) SPM – 28.0mg/Nm³ Total dioxin & furan – <0.01 ng.TEQ/Nm³ NOx – 160.0 mg/ Nm³ HCL – 6.61 mg/ Nm³ Hg - <0.0003 mg/ Nm³</p> <p>December, 2020(EFRAC) DSS Incin: SPM – 10.0 mg/Nm³ (at 11% O₂) Total dioxin & furan - <0.01 ng.TEQ/Nm³ NOx – 18.0 mg/Nm³ HCL – <0.5 mg/Nm³ Hg - <0.0003 mg/Nm³</p> <p>DG: SPM – 7.0 mg/ Nm³ SO₂ – 19.0 mg/m³ CO₂ – 13.4%v/v</p> <p>March, 2021(EFRAC) Incin: SPM – 49.0 mg/Nm³ (at 11% O₂) Total dioxin & furan - <0.01 ng.TEQ/Nm³ NOx – 39.0 mg/Nm³ HCL – 1.85 mg/Nm³ Hg - <0.0003 mg/Nm³</p>	
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PART – D

[as specified under Hazardous Wastes (Management & Handling) Rules, 1989]

	Hazardous Wastes	Total Quantity (in Kgs)	
		During the previous financial year 19-20	During the previous current financial year 20-21
a	From Process (Ash)	211.6 Ton	198.45 Ton
b	From Pollution Control Facilities (Sludge)	81.38 Ton	67.23 Ton

PART –E Solid Wastes			
		Total Quantity	
		During the previous financial year 19-20	During the previous current financial year 20-21
a	From Process (autoclaved scrap)	180.23 Ton	131.925 Ton
	Scrap Plastic/Rubber/IV Tubes		
	Scrap Glass	89.30 Ton	60.06 Ton
b	From Pollution Control Facilities	Nil	Nil
Qty. recycled or re utilized- autoclaved scrap		180.23Ton	131.925 Ton
Scrap Plastic/Rubber/IV Tubes			
Scrap Glass		89.30 Ton	60.06 Ton
PART – F			
Please specify the characteristics (in terms of concentration and quantum) of Hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.			
<p>➤ Hazardous waste disposed at authorized TSDF at WBWML, Haldia.</p> <p>➤ Solid waste (other than scrap Glass) after autoclaving and shredding sent to authorized recycler at M/s. Sitaram Plastic, New Delhi.</p> <p>➤ Solid waste - scrap glass after autoclaving and shredding sent to authorized recycler through Sital Sen, Howrah.</p>			
PART – G			
Impact of pollution control measures on conservation of natural resources and consequently on the cost of production.			
<p>➤ Process water for quenching / scrubbing is 100% re-circulated through ETP</p> <p>➤ Autoclaved /Shredded / Plastic & Glass scrap is recycled</p>			

<p style="text-align: center;">PART – H</p> <p>Additional investment proposal for environmental protection including abatement of pollution.</p>
<p>Investment for Environmental Protection including abatement of pollution :</p> <p>₹ 17.52 lacs incurred during FY 20-21</p> <p>₹ 25.00 lacs proposed for FY 21-22</p>
<p style="text-align: center;">The Environment (Protection) Rules, 1986</p> <p style="text-align: center;">PART-1</p> <p style="text-align: center;">Miscellaneous</p> <p>Any other particulates in respect of environment protection and abatement of pollution</p>
<p>The unit is certified to ISO 9001, ISO 14001 and ISO 18001 Integrated QEHS Management System from British Standards Institute.</p> <p>Periodic audits carried out at site and CCTV monitoring ensured by separate centralized Command and Control Team 24X7.</p> <p>Movement of all Bio-Medical waste collection vehicles are monitored by GPS</p> <p>The site has Onsite and Offsite disaster management system.</p>

For Medicare Environmental Management Pvt. Ltd. – Mangalpur

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