



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/05544 ISSUE DATE : 30/09/2023 CUSTOMER REF : TRF REF. DATE : 13/09/2023 PAGE NO : 01 of 04
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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/05544/02/MT/ 11703	Sample Submitted/Drawn by : EFRAC
Sample Type : AAQM	Sampling Date : 11/09/2023
Batch No : Near Admin Area	Sampling Method : 11/09/2023
	Sampler Name : Satyajit Mondal
	Sample Condition : Fit For Analysis
SAMPLE ANALYSIS DETAILS	
Analysis Starting Date : 14/09/2023	Analysis Completion Date : 19/09/2023

TEST RESULTS

SL.NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
Heavy Metals						
1	Arsenic (As)	ng/m ³	EPA-IO-3.5	N/A	Max: 6.0	<6.0
2	Lead(Pb)	µg/m ³	EPA-IO-3.2	N/A	Max: 1.0	<1.0
3	Nickel (Ni)	ng/m ³	EPA-IO-3.5	N/A	Max: 20.0	<20.0

Remarks : Requirements given as per NAAQS : 2009



Arun Kumar
(E. CODE: EC56744)
Authorized Signatory

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PR:Present;**AB**:Absent.

Please refer Terms & Conditions mentioned 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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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/05544/02/WC/ 12715	Sample Submitted/Drawn by : EFRAC
Sample Type : AAQM	Sampling Date : 11/09/2023
Batch No : Near Admin Area	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 : 30/09/2023

TEST RESULTS

SL.NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
Physical and Chemical Parameters						
1	Sulphur Dioxide(SO2)	µg/m3	IS 5182 (Part-2) : 2001	N/A	Max. 80.0	9.65
2	Carbon Monoxide (CO)	mg/m ³	QA.16.5.80 (NDIR) - 2014	N/A	Max. 4.0	0.78
3	Ozone (O3)	µg/m3	Methods of Air Sampling and Analysis 3rd Edition, Method 411	N/A	Max. 180.0	NMT 10.0
4	Benzene(C6H6)	µg/m3	IS: 5182 (Part-11) :2006 Adsorption & Desorption followed by GC	N/A	Max. 5.0	NMT 2.0
5	PM 10	µg/m3	IS 5182 (Part 23) : 2006	N/A	Max. 100.0	54.34

Remarks : Sample confirms to the requirements as per NAAQM 2009 for the above tested parameter only.



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	PM 2.5	µg/m3	US EPA CFR 40, (Part 50) Appendix L	N/A	Max. 60.0	36.05
7	Oxides Of Nitrogen(NOx)	µg/m3	IS 5182 (Part-6) :2006	N/A	Max. 80.0	20.65
8	Ammonia (NH3)	µg/m3	Methods of Air Sampling and Analysis 3rd Edition, Method 401	N/A	Max. 400.0	24.63

Remarks : Sample confirms to the requirements as per NAAQM 2009 for the above tested parameter only.



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	Sampler Name : Satyajit Mondal
	Sample Condition : Fit For Analysis
SAMPLE ANALYSIS DETAILS	
Analysis Starting Date : 14/09/2023	Analysis Completion Date : 30/09/2023

TEST RESULTS

SL.NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
Residual Solvents						
1	Benzo(a)Pyrene	ng/m ³	USEPA TO13 A - 1999	N/A	Max. 1.0	NMT 0.01

Remarks : Sample confirms to the requirements as per NAAQM 2009 for the above tested parameter only.



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

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