

TEST REPORT

ISSUED TO

Medicare Environmental Management Pvt.Ltd
K-26, Phase-III, Industrial Growth Centre, Kalyani
Kalyani - 741235

KIND ATTENTION : Mr. Nabarun Ghosh

REPORT NO

: EFRAC/2024/ENV/01431

ISSUE DATE

: 12/03/2024

CUSTOMER REF

:

REF. DATE

: 07/03/2024

PAGE NO

: 01 of 01

SAMPLE DETAILS

SAMPLE REGISTRATION DETAILS

Sample Receipt Date : 07/03/2024

Sample Registration Date : 07/03/2024

Sample Registration No : EFRAC/2024/ENV/01431/01/WC/ 03866

Sample Type : Ash

Batch No : Nil

Sample Quantity Received : 1000 gm

Sample Quantity Used : 1000 gm

Sample Submitted/Drawn by : EFRAC

Sampling Date : 07/03/2024

Sampling Method : NA

Sampler Name : Satyajit Mondal

Sample Condition : Fit For Analysis

SAMPLE ANALYSIS DETAILS

Analysis Starting Date : 08/03/2024

Analysis Completion Date : 12/03/2024

TEST RESULTS

SL.NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
Physical and Chemical Parameters						
1	Total Organic Carbon (TOC)	%	Soil Testing In India	N/A	--	13.18
2	Loss on Ignition (LOI)	%	IS : 4032 - 1985, RA 2019	N/A	--	33.57

Remarks : NA



Kaushik Mondal
Group Leader
Authorized Signatory

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KIND ATTENTION : Mr. Nabarun Ghosh

REPORT NO

: EFRAC/2024/ENV/01435

ISSUE DATE

: 15/03/2024

CUSTOMER REF

:

REF. DATE

: 07/03/2024

PAGE NO

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SAMPLE DETAILS

SAMPLE REGISTRATION DETAILS

Sample Receipt Date : 07/03/2024

Sample Registration Date : 07/03/2024

Sample Registration No : EFRAC/2024/ENV/01435/02/WC/ 03871

Sample Type : DG Stack

Batch No : DG Set 160 KVA

Sample Quantity Received : 1 no.

Sample Quantity Used : 1 no.

Sample Submitted/Drawn by : EFRAC

Sampling Date : 06/03/2024

Sampling Method : IS / EPA

Sampler Name : Satyajit Mondal

Sample Condition : Fit For Analysis

SAMPLE ANALYSIS DETAILS

Analysis Starting Date : 08/03/2024

Analysis Completion Date : 10/03/2024

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) : 10m
Height of Sampling point from ground level(m) : 7m
Stack diameter at Sampling point(m) : 0.18m
Material of construction of stack : M.S.
Installed capacity : 160KVA
Running capacity : 160 KVA
Fuel used : HSD
Fuel consumption : 18lit/hr
Platform & ladder type & condition : Permanent and well
Pollution control device : NA
Remarks : NA

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Medicare Environmental Management Pvt.Ltd	ISSUE DATE	: 15/03/2024
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Kalyani - 741235	REF. DATE	: 07/03/2024
KIND ATTENTION : Mr. Nabarun Ghosh	PAGE NO	: 02 of 05

SAMPLE DETAILS

SAMPLE REGISTRATION DETAILS			
Sample Receipt Date	: 07/03/2024	Sample Quantity Received	: 1 no.
Sample Registration Date	: 07/03/2024	Sample Quantity Used	: 1 no.
Sample Registration No	: EFRAC/2024/ENV/01435/02/MT/ 06854	Sample Submitted/Drawn by	: EFRAC
Sample Type	: DG Stack	Sampling Date	: 06/03/2024
Batch No	: DG Set 160 KVA	Sampling Method	: -
		Sampler Name	: Satyajit Mondal
		Sample Condition	: Fit For Analysis
SAMPLE ANALYSIS DETAILS			
Analysis Starting Date	: 08/03/2024	Analysis Completion Date	: 10/03/2024

TEST RESULTS

SL.NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
Heavy Metals						
1	Mercury (Hg)	mg/Nm ³	USEPA Method 29	0.003	Max : 0.02	<0.003

Remarks : Sample confirms to the requirements as per CPCB guideline for incinerator stack emission monitoring for the above tested parameter only



Arun Kumar
(E. CODE: EC56744)
Authorized Signatory

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SAMPLE DETAILS

SAMPLE REGISTRATION DETAILS

Sample Receipt Date : 07/03/2024

Sample Registration Date : 07/03/2024

Sample Registration No : EFRAC/2024/ENV/01435/02/WC/ 03871

Sample Type : DG Stack

Batch No : DG Set 160 KVA

Sample Quantity Received : 1 no.

Sample Quantity Used : 1 no.

Sample Submitted/Drawn by : EFRAC

Sampling Date : 06/03/2024

Sampling Method : IS / EPA

Sampler Name : Satyajit Mondal

Sample Condition : Fit For Analysis

SAMPLE ANALYSIS DETAILS

Analysis Starting Date : 08/03/2024

Analysis Completion Date : 10/03/2024

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	0.15
2	Sulphur Dioxide (SO ₂)	g/kW-hr	EPA Method 6C	N/A	--	0.27
3	Carbon Dioxide (CO ₂)	%	IS: 13270 : 1992, RA 2003	N/A	--	4.4
4	Temperature	°C	IS: 11255 (Part-3): 1985	N/A	--	98.0
5	Hydrocarbon	g/kW-hr	In House Method QA.16.5.222 by Analyzer, DOI: 12.01.2017	N/A	Max.4.0	0.15

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



Kaushik Mondal
Group Leader
Authorized Signatory

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SAMPLE DETAILS

SAMPLE REGISTRATION DETAILS

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Sample Registration Date : 07/03/2024

Sample Registration No : EFRAC/2024/ENV/01435/02/WC/ 03871

Sample Type : DG Stack

Batch No : DG Set 160 KVA

Sample Quantity Received : 1 no.

Sample Quantity Used : 1 no.

Sample Submitted/Drawn by : EFRAC

Sampling Date : 06/03/2024

Sampling Method : IS / EPA

Sampler Name : Satyajit Mondal

Sample Condition : Fit For Analysis

SAMPLE ANALYSIS DETAILS

Analysis Starting Date : 08/03/2024

Analysis Completion Date : 10/03/2024

TEST RESULTS

SL.NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
Environment						
1	Oxides of Nitrogen (NOx)	g/kW-hr	EPA Method 7E	N/A	Max.4.0	0.34
2	Carbon Monoxide	g/kW-hr	EPA Method 10B	N/A	Max.3.5	0.28

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



Kaushik Mondal
Group Leader
Authorized Signatory

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SAMPLE DETAILS

SAMPLE REGISTRATION DETAILS

Sample Receipt Date : 07/03/2024
Sample Registration Date : 07/03/2024
Sample Registration No : EFRAC/2024/ENV/01435/02/WC/ 03871
Sample Type : DG Stack
Batch No : DG Set 160 KVA

Sample Quantity Received : 1 no.
Sample Quantity Used : 1 no.
Sample Submitted/Drawn by : EFRAC
Sampling Date : 06/03/2024
Sampling Method : IS / EPA
Sampler Name : Satyajit Mondal
Sample Condition : Fit For Analysis

SAMPLE ANALYSIS DETAILS

Analysis Starting Date : 08/03/2024

Analysis Completion Date : 10/03/2024

TEST RESULTS

SL.NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
Environment						
3	Smoke Density	m-1	IS 10000 : Part 10 : 1980 (RA : 2020)	N/A	Max.0.7	0.3

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



Kaushik Mondal
Group Leader
Authorized Signatory

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TEST REPORT

ISSUED TO	REPORT NO	: EFRAC/2024/ENV/01437
Medicare Environmental Management Pvt.Ltd	ISSUE DATE	: 13/03/2024
K-26, Phase-III, Industrial Growth Centre, Kalyani	CUSTOMER REF	:
Kalyani - 741235	REF. DATE	: 07/03/2024
KIND ATTENTION : Mr. Nabarun Ghosh	PAGE NO	: 01 of 02

SAMPLE DETAILS

SAMPLE REGISTRATION DETAILS			
Sample Receipt Date	: 07/03/2024	Sample Quantity Received	: 5000 ml
Sample Registration Date	: 07/03/2024	Sample Quantity Used	: 5000 ml
Sample Registration No	: EFRAC/2024/ENV/01437/01/WC/ 03873	Sample Submitted/Drawn by	: EFRAC
Sample Type	: ETP Inlet Water	Sampling Date	: 07/03/2024
Batch No	: ETP Plant .	Sampling Method	: APHA 23rd Edition 1060 B
		Sampler Name	: Satyajit Mondal
		Sample Condition	: Fit For Analysis
SAMPLE ANALYSIS DETAILS			
Analysis Starting Date	: 08/03/2024	Analysis Completion Date	: 13/03/2024

TEST RESULTS

SL.NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
Physical and Chemical Parameters						
1	pH Value	—	APHA 23rd Edition 4500 H+ B	1.0	--	7.6
2	Total Suspended Solids (TSS)	mg/L	APHA 23rd Edition 2540 D	1.0	--	254
3	Oil & Grease	mg/L	APHA 23rd Edition 5520 D	1.0	--	15
4	Biochemical Oxygen Demand (BOD)	mg/L	APHA 23rd Edition 5210 B & IS 3025 (Part 44) : 1993	1.0	--	146
5	Chemical Oxygen Demand (COD)	mg/L	APHA 23rd Edition 5220 B	1.0	--	548.90

Remarks : None.



Ranadip Chakraborty
(E. CODE: EC56747)
Authorized Signatory

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TEST RESULTS

SL.NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
Physical and Chemical Parameters (Contd.)						
6	Temperature	°C	APHA 23rd Edition 2550 B	1.0	--	<1.0
7	Bio Assay	%Survival	IS 6582 (Part 2) : 2001	20	--	20

Remarks : None.



Ranadip Chakraborty
(E. CODE: EC56747)
Authorized Signatory

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TEST REPORT

ISSUED TO	REPORT NO	: EFRAC/2024/ENV/01436
Medicare Environmental Management Pvt.Ltd	ISSUE DATE	: 13/03/2024
K-26, Phase-III, Industrial Growth Centre, Kalyani	CUSTOMER REF	:
Kalyani - 741235	REF. DATE	: 07/03/2024
KIND ATTENTION : Mr. Nabarun Ghosh	PAGE NO	: 01 of 02

SAMPLE DETAILS

SAMPLE REGISTRATION DETAILS			
Sample Receipt Date	: 07/03/2024	Sample Quantity Received	: 5000 ml
Sample Registration Date	: 07/03/2024	Sample Quantity Used	: 5000 ml
Sample Registration No	: EFRAC/2024/ENV/01436/01/WC/ 03872	Sample Submitted/Drawn by	: EFRAC
Sample Type	: ETP Outlet Water	Sampling Date	: 07/03/2024
Batch No	: ETP Plant	Sampling Method	: APHA 23rd Edition 1060 B
		Sampler Name	: Satyajit Mondal
		Sample Condition	: Fit For Analysis
SAMPLE ANALYSIS DETAILS			
Analysis Starting Date	: 08/03/2024	Analysis Completion Date	: 13/03/2024

TEST RESULTS

SL.NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
Physical and Chemical Parameters						
1	pH Value	—	APHA 23rd Edition 4500 H+ B	1.0	5.5-9.0	7.8
2	Total Suspended Solids (TSS)	mg/L	APHA 23rd Edition 2540 D	1.0	Max:100	196
3	Oil & Grease	mg/L	APHA 23rd Edition 5520 D	1.0	Max:10	6
4	Biochemical Oxygen Demand (BOD)	mg/L	APHA 23rd Edition 5210 B & IS 3025 (Part 44) : 1993	1.0	Max:30	18
5	Chemical Oxygen Demand (COD)	mg/L	APHA 23rd Edition 5220 B	1.0	Max:250	189.62

Remarks : Requirements given as per The Environment (Protection) Rules, 1986 schedule VI



Ranadip Chakraborty
(E. CODE: EC56747)
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TEST RESULTS

SL.NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
Physical and Chemical Parameters (Contd.)						
6	Temperature	°C	APHA 23rd Edition 2550 B	1.0	Shall not exceed 5 degree C above the receiving water temperature	<1.0
7	Bio Assay	%Survival	IS 6582 (Part 2) : 2001	20	90% survival of fish after 96 hours in 100% effluent	80

Remarks : Requirements given as per The Environment (Protection) Rules, 1986 schedule VI



Ranadip Chakraborty
(E. CODE: EC56747)
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TEST REPORT

ISSUED TO

Medicare Environmental Management Pvt.Ltd
K-26, Phase-III, Industrial Growth Centre, Kalyani
Kalyani - 741235

KIND ATTENTION : Mr. Nabarun Ghosh

REPORT NO

: EFRAC/2024/ENV/01433

ISSUE DATE

: 15/03/2024

CUSTOMER REF

:

REF. DATE

: 07/03/2024

PAGE NO

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SAMPLE DETAILS

SAMPLE REGISTRATION DETAILS

Sample Receipt Date : 07/03/2024

Sample Registration Date : 07/03/2024

Sample Registration No : EFRAC/2024/ENV/01433/02/MT/ 06852

Sample Type : ETP Sludge

Batch No : Nil

Sample Quantity Received : 200 gm

Sample Quantity Used : 200 gm

Sample Submitted/Drawn by : EFRAC

Sampling Date : 07/03/2024

Sampling Method : -

Sampler Name : Satyajit Mondal

Sample Condition : Fit For Analysis

SAMPLE ANALYSIS DETAILS

Analysis Starting Date : 08/03/2024

Analysis Completion Date : 11/03/2024

TEST RESULTS

SL.NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
Heavy Metals						
1	Lead (Pb)	mg/L	USEPA 1311-1992	0.005	--	BLQ
2	Cadmium (Cd)	mg/L	USEPA 1311-1992	0.005	--	BLQ

Remarks : None.



Arun Kumar
(E. CODE: EC56744)
Authorized Signatory

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TEST REPORT

ISSUED TO

Medicare Environmental Management Pvt.Ltd
K-26, Phase-III, Industrial Growth Centre, Kalyani
Kalyani - 741235

KIND ATTENTION : Mr. Nabarun Ghosh

REPORT NO

: EFRAC/2024/ENV/01433

ISSUE DATE

: 15/03/2024

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REF. DATE

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SAMPLE DETAILS

SAMPLE REGISTRATION DETAILS

Sample Receipt Date : 07/03/2024

Sample Registration Date : 07/03/2024

Sample Registration No : EFRAC/2024/ENV/01433/02/WC/ 03869

Sample Type : ETP Sludge

Batch No : Nil

Sample Quantity Received : 800 gm

Sample Quantity Used : 800 gm

Sample Submitted/Drawn by : EFRAC

Sampling Date : 07/03/2024

Sampling Method : NA

Sampler Name : Satyajit Mondal

Sample Condition : Fit For Analysis

SAMPLE ANALYSIS DETAILS

Analysis Starting Date : 08/03/2024

Analysis Completion Date : 15/03/2024

TEST RESULTS

SL.NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
Physical and Chemical Parameters						
1	VOC (B,T,X)	ppm	USEPA method 50211	N/A	--	BLQ
2	Temperature	°C	Soil Testing In India	N/A	--	25.0
3	phosphorous	mg/kg	Soil Testing In India	N/A	--	BLQ 0.5
4	pH Value	-	Soil Testing In India	N/A	--	7.39
5	Soluble Solid	%	IS 2720 (P 21):1977, RA:2010	N/A	--	0.14

Remarks : NA



Kaushik Mondal
Group Leader
Authorized Signatory

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TEST REPORT

ISSUED TO

Medicare Environmental Management Pvt.Ltd
K-26, Phase-III, Industrial Growth Centre, Kalyani
Kalyani - 741235

KIND ATTENTION : Mr. Nabarun Ghosh

REPORT NO

: EFRAC/2024/ENV/01433

ISSUE DATE

: 15/03/2024

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TEST RESULTS

SL.NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
Physical and Chemical Parameters (Contd.)						
6	Total Dissolved Solids (TDS)	mg/L	IS:3025 (Part 15) : 1984	N/A	--	4040.0

Remarks : NA



Kaushik Mondal
Group Leader
Authorized Signatory

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KIND ATTENTION : Mr. Nabarun Ghosh

REPORT NO

: EFRAC/2024/ENV/01429

ISSUE DATE

: 08/03/2024

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: 07/03/2024

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SAMPLE DETAILS

SAMPLE REGISTRATION DETAILS

Sample Receipt Date : 07/03/2024
Sample Registration Date : 07/03/2024
Sample Registration No : EFRAC/2024/ENV/01429/01/WC/ 03864
Sample Type : Illumination Monitoring
Batch No : Admin Office

Sample Quantity Received : 1 no.
Sample Quantity Used : 1 no.
Sample Submitted/Drawn by : EFRAC
Sampling Date : 07/03/2024
Sampling Method : IS 3646
Sampler Name : Satyajit Mondal
Sample Condition : Fit For Analysis

SAMPLE ANALYSIS DETAILS

Analysis Starting Date : 08/03/2024

Analysis Completion Date : 08/03/2024

TEST RESULTS

SL.NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
Environment						
1	Lux	Lux	IS: 3646 (Part 1) :1992 RA 2003	N/A	--	165

Remarks : Analysis start & completion date for Illumination refers to the field data computation, interpretation & compilation date.



Kaushik Mondal
Group Leader
Authorized Signatory

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KIND ATTENTION : Mr. Nabarun Ghosh

REPORT NO

: EFRAC/2024/ENV/01438

ISSUE DATE

: 08/03/2024

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SAMPLE DETAILS

SAMPLE REGISTRATION DETAILS

Sample Receipt Date : 08/03/2024

Sample Registration Date : 08/03/2024

Sample Registration No : EFRAC/2024/ENV/01438/01/WC/ 03889

Sample Type : Illumination

Batch No : Incinerator Shed

Sample Quantity Received : 1 no.

Sample Quantity Used : 1 no.

Sample Submitted/Drawn by : EFRAC

Sampling Date : 07/03/2024

Sampling Method : IS 3646

Sampler Name : Satyajit Mondal

Sample Condition : Fit For Analysis

SAMPLE ANALYSIS DETAILS

Analysis Starting Date : 08/03/2024

Analysis Completion Date : 08/03/2024

TEST RESULTS

SL.NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
Environment						
1	Lux	Lux	IS: 3646 (Part 1) :1992 RA 2003	N/A	--	204

Remarks : Analysis start & completion date for Illumination refers to the field data computation, interpretation & compilation date.



Kaushik Mondal
Group Leader
Authorized Signatory

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Kalyani - 741235

KIND ATTENTION : Mr. Nabarun Ghosh

REPORT NO

: EFRAC/2024/ENV/01434

ISSUE DATE

: 20/03/2024

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REF. DATE

: 07/03/2024

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SAMPLE DETAILS

SAMPLE REGISTRATION DETAILS

Sample Receipt Date : 07/03/2024

Sample Registration Date : 07/03/2024

Sample Registration No : EFRAC/2024/ENV/01434/03/WC/ 03870

Sample Type : Incinerator Stack

Batch No : Nil

Sample Quantity Received : 1 no.

Sample Quantity Used : 1 no.

Sample Submitted/Drawn by : EFRAC

Sampling Date : 06/03/2024

Sampling Method : IS / EPA

Sampler Name : Satyajit Mondal

Sample Condition : Fit For Analysis

SAMPLE ANALYSIS DETAILS

Analysis Starting Date : 08/03/2024

Analysis Completion Date : 11/03/2024

GENERAL INFORMATION ABOUT STACK

Stack identification no : Incinerator Stack
Shape of Stack : Circular
Stack Connected to : Incinerator
Emission due to : Burning of HSD and Bio-medical waste
Stack height from ground level(m) : 30m
Height of Sampling point from ground level(m) : 20m
Stack diameter at Sampling point(m) : 0.4m
Material of construction of stack : RCC
Installed capacity : 250kg/hr
Running capacity : 210kg/hr
Fuel used : HSD
Fuel consumption : 22-80lit/hr
Platform & ladder type & condition : Well & Permanent
Pollution control device : Wet venturi and wet scrubber
Remarks : NA

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TEST REPORT

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Medicare Environmental Management Pvt.Ltd	ISSUE DATE	: 20/03/2024
K-26, Phase-III, Industrial Growth Centre, Kalyani	CUSTOMER REF	:
Kalyani - 741235	REF. DATE	: 07/03/2024
KIND ATTENTION : Mr. Nabarun Ghosh	PAGE NO	: 02 of 09

SAMPLE DETAILS

SAMPLE REGISTRATION DETAILS			
Sample Receipt Date	: 07/03/2024	Sample Quantity Received	: 1 no.
Sample Registration Date	: 07/03/2024	Sample Quantity Used	: 1 no.
Sample Registration No	: EFRAC/2024/ENV/01434/03/RA/ 03102	Sample Submitted/Drawn by	: EFRAC
Sample Type	: Incinerator Stack	Sampling Date	: 06/03/2024
Batch No	: Nil	Sampling Method	: -
		Sampler Name	: Satyajit Mondal
		Sample Condition	: Fit For Analysis
SAMPLE ANALYSIS DETAILS			
Analysis Starting Date	: 08/03/2024	Analysis Completion Date	: 20/03/2024

TEST RESULTS

SL.NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
Dioxin						
1	1 2 3 4 6 7 8-Heptachlorodibenzo-p-dioxin	ng.TEQ/N m3	USEPA 23A/QA.16.4.73	N/A	--	<0.00024
2	1 2 3 4 7 8-Hexachlorodibenzo-p-dioxin	ng.TEQ/N m3	USEPA 23A/QA.16.4.73	N/A	--	<0.0024
3	1 2 3 7 8 9-Hexachlorodibenzo-p-dioxin	ng.TEQ/N m3	USEPA 23A/QA.16.4.73	N/A	--	<0.0024
4	1 2 3 7 8-Pentachlorodibenzo-p-dioxin	ng.TEQ/N m3	USEPA 23A/QA.16.4.73	N/A	--	<0.024
5	2 3 7 8-Tetrachlorodibenzo-p-dioxin	ng.TEQ/N m3	USEPA 23A/QA.16.4.73	N/A	--	<0.005

Remarks : TEQ:Toxicity Equivalent



Tarun Pravendra Tiwari
(E. CODE: EC56771)
Authorized Signatory

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TEST REPORT

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K-26, Phase-III, Industrial Growth Centre, Kalyani
Kalyani - 741235

KIND ATTENTION : Mr. Nabarun Ghosh

REPORT NO

: EFRAC/2024/ENV/01434

ISSUE DATE

: 20/03/2024

CUSTOMER REF

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REF. DATE

: 07/03/2024

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TEST RESULTS

SL.NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
Dioxin (Contd.)						
6	1 2 3 6 7 8-Hexachlorodibenzo-p-dioxin	ng.TEQ/N m3	USEPA 23A/QA.16.4.73	N/A	--	<0.0024
7	Octachlorodibenzo-p-dioxin	ng.TEQ/N m3	USEPA 23A/QA.16.4.73	N/A	--	<0.000015

Remarks : TEQ:Toxicity Equivalent



Tarun Pravendra Tiwari
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Kalyani - 741235

KIND ATTENTION : Mr. Nabarun Ghosh

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: EFRAC/2024/ENV/01434

ISSUE DATE

: 20/03/2024

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SAMPLE DETAILS

SAMPLE REGISTRATION DETAILS

Sample Receipt Date : 07/03/2024
Sample Registration Date : 07/03/2024
Sample Registration No : EFRAC/2024/ENV/01434/03/RA/ 03102
Sample Type : Incinerator Stack
Batch No : Nil

Sample Quantity Received : 1 no.
Sample Quantity Used : 1 no.
Sample Submitted/Drawn by : EFRAC
Sampling Date : 06/03/2024
Sampling Method : -
Sampler Name : Satyajit Mondal
Sample Condition : Fit For Analysis

SAMPLE ANALYSIS DETAILS

Analysis Starting Date : 08/03/2024

Analysis Completion Date : 20/03/2024

TEST RESULTS

SL.NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
Furans						
1	2 3 4 7 8-Pentachlorodibenzofuran	ng.TEQ/N m3	USEPA 23A/QA.16.4.73	N/A	--	<0.0072
2	1 2 3 4 6 7 8-Heptachlorodibenzofuran	ng.TEQ/N m3	USEPA 23A/QA.16.4.73	N/A	--	<0.00024
3	1 2 3 4 7 8 9-Heptachlorodibenzofuran	ng.TEQ/N m3	USEPA 23A/QA.16.4.73	N/A	--	<0.00024
4	1 2 3 4 7 8-Hexachlorodibenzofuran	ng.TEQ/N m3	USEPA 23A/QA.16.4.73	N/A	--	<0.0024
5	1 2 3 6 7 8-Hexachlorodibenzofuran	ng.TEQ/N m3	USEPA 23A/QA.16.4.73	N/A	--	<0.0024

Remarks : TEQ:Toxicity Equivalent



Tarun Pravendra Tiwari
(E. CODE: EC56771)
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TEST RESULTS

SL.NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
Furans (Contd.)						
6	1 2 3 7 8 9-Hexachlorodibenzofuran	ng.TEQ/N m3	USEPA 23A/QA.16.4.73	N/A	--	<0.0024
7	1 2 3 7 8-Pentachlorodibenzofuran	ng.TEQ/N m3	USEPA 23A/QA.16.4.73	N/A	--	<0.00072
8	2 3 4 6 7 8-Hexachlorodibenzofuran	ng.TEQ/N m3	USEPA 23A/QA.16.4.73	N/A	--	<0.0024
9	2 3 7 8-Tetrachlorodibenzofuran	ng.TEQ/N m3	USEPA 23A/QA.16.4.73	N/A	--	<0.0005
10	Octachlorodibenzofuran	ng.TEQ/N m3	USEPA 23A/QA.16.4.73	N/A	--	<0.000015
11	Total Dioxins & Furans	ng.TEQ/N m3	USEPA 23A/QA.16.4.73	0.01	Max:0.1	<0.01

Remarks

: TEQ:Toxicity Equivalent



Tarun Pravendra Tiwari
(E. CODE: EC56771)
Authorized Signatory

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KIND ATTENTION : Mr. Nabarun Ghosh

REPORT NO

: EFRAC/2024/ENV/01434

ISSUE DATE

: 20/03/2024

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: 07/03/2024

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SAMPLE DETAILS

SAMPLE REGISTRATION DETAILS

Sample Receipt Date : 07/03/2024

Sample Registration Date : 07/03/2024

Sample Registration No : EFRAC/2024/ENV/01434/03/MT/ 06853

Sample Type : Incinerator Stack

Batch No : Nil

Sample Quantity Received : 1 no.

Sample Quantity Used : 1 no.

Sample Submitted/Drawn by : EFRAC

Sampling Date : 06/03/2024

Sampling Method : -

Sampler Name : Satyajit Mondal

Sample Condition : Fit For Analysis

SAMPLE ANALYSIS DETAILS

Analysis Starting Date : 08/03/2024

Analysis Completion Date : 10/03/2024

TEST RESULTS

SL.NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
Heavy Metals						
1	Mercury (Hg) and its compounds	mg/Nm ³	USEPA Method 29	0.003	Max : 0.02	<0.003

Remarks : Sample confirms to the requirements as per CPCB guideline for incinerator stack emission monitoring for the above tested parameter only



Arun Kumar
(E. CODE: EC56744)
Authorized Signatory

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TEST REPORT

ISSUED TO

Medicare Environmental Management Pvt.Ltd
K-26, Phase-III, Industrial Growth Centre, Kalyani
Kalyani - 741235
KIND ATTENTION : Mr. Nabarun Ghosh

REPORT NO : EFRAC/2024/ENV/01434

ISSUE DATE : 20/03/2024

CUSTOMER REF :

REF. DATE : 07/03/2024

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SAMPLE DETAILS

SAMPLE REGISTRATION DETAILS

Sample Receipt Date : 07/03/2024
Sample Registration Date : 07/03/2024
Sample Registration No : EFRAC/2024/ENV/01434/03/WC/ 03870
Sample Type : Incinerator Stack
Batch No : Nil

Sample Quantity Received : 1 no.
Sample Quantity Used : 1 no.
Sample Submitted/Drawn by : EFRAC
Sampling Date : 06/03/2024
Sampling Method : IS / EPA
Sampler Name : Satyajit Mondal
Sample Condition : Fit For Analysis

SAMPLE ANALYSIS DETAILS

Analysis Starting Date : 08/03/2024
Analysis Completion Date : 11/03/2024

TEST RESULTS

SL.NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
Physical and Chemical Parameters						
1	Particulate Matter	mg/Nm ³	IS 11255 (Part 1) - 1985, RA:2003	N/A	Max.50.0	36.88, 44.97 (at 11% O2 correction)
2	Oxides Of Nitrogen(NOx)	mg/Nm ³	EPA Method 7E	N/A	Max.400.0	74.49, 90.84 (at 11% O2 correction)
3	Hydrochloric Acid(HCL)	mg/Nm ³	USEPA 26- 2000	N/A	Max.50.0	2.21, 2.70(at 11% O2 correction)
4	Carbon Monoxide (CO)	mg/Nm ³	EPA Method 10B	N/A	Max.100.0	46.35, 56.53(at 11% O2 correction)
5	Carbon Dioxide (CO2)	%	IS: 13270 : 1992, RA 2003	N/A	--	6.80

Remarks : Sample confirms to the requirements as per CPCB guideline for incinerator stack emission monitoring for the above tested parameter only.



Kaushik Mondal
Group Leader
Authorized Signatory

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Kalyani - 741235

KIND ATTENTION : Mr. Nabarun Ghosh

REPORT NO

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: 20/03/2024

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TEST RESULTS

SL.NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
Physical and Chemical Parameters (Contd.)						
6	Oxygen (O ₂)	%	IS: 13270 : 1992, RA 2003	N/A	--	12.8

Remarks

only.

: Sample confirms to the requirements as per CPCB guideline for incinerator stack emission monitoring for the above tested parameter



Kaushik Mondal
Group Leader
Authorized Signatory

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REPORT NO

: EFRAC/2024/ENV/01434

ISSUE DATE

: 20/03/2024

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SAMPLE DETAILS

SAMPLE REGISTRATION DETAILS

Sample Receipt Date : 07/03/2024

Sample Registration Date : 07/03/2024

Sample Registration No : EFRAC/2024/ENV/01434/03/WC/ 03870

Sample Type : Incinerator Stack

Batch No : Nil

Sample Quantity Received : 1 no.

Sample Quantity Used : 1 no.

Sample Submitted/Drawn by : EFRAC

Sampling Date : 06/03/2024

Sampling Method : IS / EPA

Sampler Name : Satyajit Mondal

Sample Condition : Fit For Analysis

SAMPLE ANALYSIS DETAILS

Analysis Starting Date : 08/03/2024

Analysis Completion Date : 11/03/2024

TEST RESULTS

SL.NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
Physical and Chemical Parameters						
7	Combustion Efficiency	%	CPCB Emission Regulation (Part-3): 1985	N/A	--	99.93

Remarks : Sample confirms to the requirements as per CPCB guideline for incinerator stack emission monitoring for the above tested parameter only.



Kaushik Mondal
Group Leader
Authorized Signatory

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REPORT NO : EFRAC/2024/ENV/01430

ISSUE DATE : 08/03/2024

CUSTOMER REF :

REF. DATE : 07/03/2024

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SAMPLE DETAILS

SAMPLE REGISTRATION DETAILS

Sample Receipt Date : 07/03/2024

Sample Registration Date : 07/03/2024

Sample Registration No : EFRAC/2024/ENV/01430/01/WC/ 03865

Sample Type : Noise

Batch No : Near Incinerator Shed

Sample Quantity Received : 1 no.

Sample Quantity Used : 1 no.

Sample Submitted/Drawn by : EFRAC

Sampling Date : 06/03/2024

Sampling Method : CPCB protocol

Sampler Name : Satyajit Mondal

Sample Condition : Fit For Analysis

SAMPLE ANALYSIS DETAILS

Analysis Starting Date : 08/03/2024

Analysis Completion Date : 08/03/2024

TEST RESULTS

SL.NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
Noise Level						
1	Leq	dBA	CPCB, Protocol for Ambient Level Noise Monitoring-2015	N/A	Max.75.0	62.4
2	Lmax	dBA	CPCB, Protocol for Ambient Level Noise Monitoring-2015	N/A	--	69.6
3	Lmin	dBA	CPCB, Protocol for Ambient Level Noise Monitoring-2015	N/A	--	48.4
4	L day	dBA	CPCB, Protocol for Ambient Level Noise Monitoring-2015	N/A	Max.75.0	64.1
5	L Night	dBA	CPCB, Protocol for Ambient Level Noise Monitoring-2015	N/A	Max.70.0	52.1

Remarks : Sample confirm to given requirement as per CPCB Guidelines for ambient level Noise monitoring. Analysis start & completion date for Noise Monitoring refers to the field data computation, interpretation & compilation date.



Kaushik Mondal
Group Leader
Authorized Signatory

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ISSUE DATE

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: 08/03/2024

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SAMPLE DETAILS

SAMPLE REGISTRATION DETAILS

Sample Receipt Date : 08/03/2024
Sample Registration Date : 08/03/2024
Sample Registration No : EFRAC/2024/ENV/01439/01/WC/ 03890
Sample Type : Noise
Batch No : Near DG Room

Sample Quantity Received : 1 no.
Sample Quantity Used : 1 no.
Sample Submitted/Drawn by : EFRAC
Sampling Date : 06/03/2024
Sampling Method : CPCB protocol
Sampler Name : Satyajit Mondal
Sample Condition : Fit For Analysis

SAMPLE ANALYSIS DETAILS

Analysis Starting Date : 08/03/2024

Analysis Completion Date : 08/03/2024

TEST RESULTS

SL.NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
Noise Level						
1	Leq	dBA	CPCB, Protocol for Ambient Level Noise Monitoring-2015	N/A	MAx.75.0	63.7
2	Lmax	dBA	CPCB, Protocol for Ambient Level Noise Monitoring-2015	N/A	--	69.4
3	Lmin	dBA	CPCB, Protocol for Ambient Level Noise Monitoring-2015	N/A	--	46.7
4	L day	dBA	CPCB, Protocol for Ambient Level Noise Monitoring-2015	N/A	Max.75.0	65.3
5	L Night	dBA	CPCB, Protocol for Ambient Level Noise Monitoring-2015	N/A	Max.70.0	53.8

Remarks : Sample confirm to given requirement as per CPCB Guidelines for ambient level Noise monitoring. Analysis start & completion date for Noise Monitoring refers to the field data computation, interpretation & compilation date.



Kaushik Mondal
Group Leader
Authorized Signatory

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KIND ATTENTION : Mr. Nabarun Ghosh

REPORT NO

: EFRAC/2024/ENV/01432

ISSUE DATE

: 15/03/2024

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: 07/03/2024

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SAMPLE DETAILS

SAMPLE REGISTRATION DETAILS

Sample Receipt Date : 07/03/2024

Sample Registration Date : 07/03/2024

Sample Registration No : EFRAC/2024/ENV/01432/04/RA/ 03101

Sample Type : Soil

Batch No : Nil

Sample Quantity Received : 500 gm

Sample Quantity Used : 500 gm

Sample Submitted/Drawn by : EFRAC

Sampling Date : 07/03/2024

Sampling Method : NA

Sampler Name : Satyajit Mondal

Sample Condition : Fit For Analysis

SAMPLE ANALYSIS DETAILS

Analysis Starting Date : 08/03/2024

Analysis Completion Date : 15/03/2024

TEST RESULTS

SL.NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
PAH						
1	Polycyclic aromatic hydrocarbon (PAH)	mg/kg	QA.16.4.19	0.01	--	BLQ

Remarks : None



Tarun Pravendra Tiwari
(E. CODE: EC56771)
Authorized Signatory

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KIND ATTENTION : Mr. Nabarun Ghosh

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SAMPLE DETAILS

SAMPLE REGISTRATION DETAILS

Sample Receipt Date : 07/03/2024

Sample Registration Date : 07/03/2024

Sample Registration No : EFRAC/2024/ENV/01432/04/MT/ 06851

Sample Type : Soil

Batch No : Nil

Sample Quantity Received : 500 gm

Sample Quantity Used : 500 gm

Sample Submitted/Drawn by : EFRAC

Sampling Date : 07/03/2024

Sampling Method : -

Sampler Name : Satyajit Mondal

Sample Condition : Fit For Analysis

SAMPLE ANALYSIS DETAILS

Analysis Starting Date : 08/03/2024

Analysis Completion Date : 11/03/2024

TEST RESULTS

SL.NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
Heavy Metals						
1	Copper (Cu)	mg/kg	USEPA 3050B	0.05	--	8.89
2	Lead (Pb)	mg/kg	USEPA 3050B	0.05	--	7.56
3	Arsenic (As)	mg/kg	USEPA 3050B	0.05	--	0.98
4	Nickel (Ni)	mg/kg	USEPA 3050B	0.05	--	6.33
5	Manganese (Mn)	mg/kg	USEPA 3050B	0.05	--	125.57

Remarks : None.



Arun Kumar
(E. CODE: EC56744)
Authorized Signatory

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Kalyani - 741235	REF. DATE	: 07/03/2024
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TEST RESULTS

SL.NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
Heavy Metals (Contd.)						
6	Chromium (Cr)	mg/kg	USEPA 3050B	0.05	--	9.45
7	Zinc (Zn)	mg/kg	USEPA 3050B	0.05	--	45.07
8	Mercury (Hg)	mg/kg	USEPA 3050B	0.05	--	BLQ
9	Cadmium (Cd)	mg/kg	USEPA 3050B	0.05	--	BLQ

Remarks : None.



Arun Kumar
(E. CODE: EC56744)
Authorized Signatory

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: 15/03/2024

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SAMPLE DETAILS

SAMPLE REGISTRATION DETAILS

Sample Receipt Date : 07/03/2024

Sample Registration Date : 07/03/2024

Sample Registration No : EFRAC/2024/ENV/01432/04/WC/ 03868

Sample Type : Soil

Batch No : Nil

Sample Quantity Received : 1500 gm

Sample Quantity Used : 1500 gm

Sample Submitted/Drawn by : EFRAC

Sampling Date : 07/03/2024

Sampling Method : Soil testing in India

Sampler Name : Satyajit Mondal

Sample Condition : Fit For Analysis

SAMPLE ANALYSIS DETAILS

Analysis Starting Date : 08/03/2024

Analysis Completion Date : 15/03/2024

TEST RESULTS

SL.NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
Physical and Chemical Parameters						
1	pH Value	-	Soil Testing In India	N/A	--	8.54
2	Total Organic Carbon (TOC)	%	Soil Testing In India	N/A	--	1.98
3	Electrical Conductivity	µS/cm	Soil Testing In India	N/A	--	253.0

Remarks : NA



Kaushik Mondal
Group Leader
Authorized Signatory

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Kalyani - 741235

KIND ATTENTION : Mr. Nabarun Ghosh

REPORT NO

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SAMPLE DETAILS

SAMPLE REGISTRATION DETAILS

Sample Receipt Date : 07/03/2024

Sample Registration Date : 07/03/2024

Sample Registration No : EFRAC/2024/ENV/01432/04/WC/ 03868

Sample Type : Soil

Batch No : Nil

Sample Quantity Received : 1500 gm

Sample Quantity Used : 1500 gm

Sample Submitted/Drawn by : EFRAC

Sampling Date : 07/03/2024

Sampling Method : Soil testing in India

Sampler Name : Satyajit Mondal

Sample Condition : Fit For Analysis

SAMPLE ANALYSIS DETAILS

Analysis Starting Date : 08/03/2024

Analysis Completion Date : 15/03/2024

TEST RESULTS

SL.NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
Physical and Chemical Parameters						
4	Total Dissolved Solids (TDS)	mg/L	IS 2720 (P 21):1977, RA:2010	N/A	--	220.0
5	Fluoride (F)	mg/kg	Soil Testing In India	N/A	--	BLQ

Remarks : NA



Kaushik Mondal
Group Leader
Authorized Signatory

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