

AMENDED TEST REPORT (Amended on 13.02.2025)

Issued to: Re Sustainability IWM Solutions Limited

S.F No. Plot No. 5-15, 28-33, Epip, Sipcot
Industrial Complex Pappankuppam Village,
Gummidipoondi Taluk Tirvallur District

J.O. No.: ENV20241207-011-071
ULR Code: TC5503 24 3 00019042 F
Report Date: 13-02-2025
Sample Receipt Date: 07-12-2024
Account Manager: BD Team 7
Credit Manager: Gulab/Septesh

Customer Provided Information:#

Nature of the Sample

Make & Model No.

Rated Capacity

Type of Stack /Duct

Stack Height from Ground Level (m)

Diameter of the Stack (m)

Type of Fuel used & its Consumption

Laboratory Provided Information:

Date of Sampling

Time of sampling

Test Started On

Test Completed On

Purpose of Monitoring

Name of the Emission Source Monitoring

Sampling Method

Stack Identification

Sampling Duration (min)

Flue Gas Temperature °C

Ambient Air Temperature °C

Flue Gas Velocity (m/s)

Volumetric Flow Rate (m³/min)

Pollution Control Device if any

: Stack Emission

: NA

: NA

: Metal

: 30

: 1.1

: HSD

: 06-12-2024

: 11:15 AM to 05:10 PM

: 07-12-2024

: 17-12-2024

: Routine Compliance Monitoring

: Common Hazardous waste Incinerator

: IS-11255 (P-7, P-3) & FL/SOP/ENV/D-02

: Common Hazardous waste Incinerator

: 345

: 63

: 32

: 17.29

: 52435.99

: Bag House Filter



TC-5503

Analysis Report

S. No.	Parameters	Unit	Test Results	Specification as Per MOEF Notification Date 26 th June 2008 for Common Hazardous Waste (Incinerator)* (Limiting Concentration)	Test Method
Chemical Analysis					
1	Cd + Th + their Compounds	mg/Nm ³	ND, [DL-0.0001]	0.05	USEPA Method 29
2	Carbon Monoxide (CO)	mg/Nm ³	86.48	100	IS13270:1992
3	Hg and its Compounds	mg/Nm ³	ND, [DL-0.0005]	0.05	USEPA Method 29
4	Hydrogen Chloride as HCL	mg/Nm ³	ND, [DL-0.5]	50	USEPA Method 26
5	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	90.33	400	IS:11255 (P-7)
6	Particulate matter	mg/Nm ³	48.62	50	IS:11255 (P-1)
7	Sb+ As+ Pb+ Co+ Cr+ Cu+ Mn+ Ni+ V+ their Compounds	mg/Nm ³	ND, [DL-0.1]	0.50	USEPA Method 29
8	Sulphur Dioxide (SO ₂)	mg/Nm ³	10.38	200	IS:11255 (P-2)

Note: All values are corrected to 11% oxygen on a dry basis.

Reviewed By

Page 1 of 2

Authorised Signatory

Mr. Arun Kumar Chaturvedi, Scientist-C

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AMENDED TEST REPORT (Amended on 13.02-2025)

Issued to: Re Sustainability IWM Solutions Limited (BMW DIVISION)

S.F No. Plot No. 127 part, EPIP, SIPCOT
Industrial Complex Pappankuppam Village,
Gummidipoondi Taluk Tirvallur District

J.O. No.: ENV20241209-009-008
ULR Code: TC5503 24 3 00019087 F
Report Date: 13-02-2025
Sample Receipt Date: 09-12-2024
Account Manager: BD Team 7
Credit Manager: Gulab/Septesh

Customer Provided Information:#

Nature of the Sample	: Stack Emission
Make & Model No.	: NA
Rated Capacity	: 250 kg/h
Type of Stack /Duct	: Metal
Stack Height from Ground Level (m)	: 30
Diameter of the Stack (m)	: 1.0
Type of Fuel used & its Consumption	: Diesel
Operation Load During Monitoring	: 250 kg/h

Laboratory Provided Information:

Date of Sampling	: 07-12-2024
Time of sampling	: 10:30 AM to 04:20 PM
Test Started On	: 09-12-2024
Test Completed On	: 19-12-2024
Purpose of Monitoring	: Routine Compliance Monitoring
Name of the Emission Source Monitoring	: Bio Medical Waste Incinerator
Sampling Method	: IS-11255 (P-7, P-3) & FL/SOP/ENV/D-02
Stack Identification	: Bio Medical Waste Incinerator
Sampling Duration (min)	: 350
Flue Gas Temperature °C	: 72.3
Ambient Air Temperature °C	: 32
Flue Gas Velocity (m/s)	: 16.94
Volumetric Flow Rate (m ³ /min)	: 41314.76
Pollution Control Device if any	: Bag House Filter



Analysis Report

S. No.	Parameters	Test Result	Specification as Per MOEF Notification Date 26 th June 2008 for Common Hazardous Waste (Incinerator)* (Limiting Concentration)	Protocol
1	Total Dioxins & Furans (ng TEQ/Nm ³ at 11 % O ₂ Correction's dry basis)	0.074	0.1	FL/SOP/07-02

Values rounded to Max three Significant digits

TEQ -Value calculated by including the quantified congeners only

Inference: The tested sample of above mentioned Incinerator Stack **conforms** to MOEF Standards.

Note: This amended report supersedes the report issued earlier on 19-12-2024.

Reviewed By

Page 1 of 1

Authorised Signatory

Mr. Arun Kumar Chaturvedi, Scientist-C

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****End of Report****

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Industrial Complex Pappankuppam Village,
Gummidipoondi Taluk Tirvallur District

J.O. No.: ENV20241209-009-008
ULR Code: TC5503 24 3 00019087 F
Report Date: 13-02-2025
Sample Receipt Date: 09-12-2024
Account Manager: BD Team 7
Credit Manager: Gulab/Septesh

Customer Provided Information:#

Nature of the Sample	: Stack Emission
Make & Model No.	: NA
Rated Capacity	: 250 kg/h
Type of Stack /Duct	: Metal
Stack Height from Ground Level (m)	: 30
Diameter of the Stack (m)	: 1.0
Type of Fuel used & its Consumption	: Diesel
Operation Load During Monitoring	: 250 kg/h

Laboratory Provided Information:

Date of Sampling	: 07-12-2024
Time of sampling	: 10:30 AM to 04:20 PM
Test Started On	: 09-12-2024
Test Completed On	: 19-12-2024
Purpose of Monitoring	: Routine Compliance Monitoring
Name of the Emission Source Monitoring	: Bio Medical Waste Incinerator
Sampling Method	: IS-11255 (P-7, P-3) & FL/SOP/ENV/D-02
Stack Identification	: Bio Medical Waste Incinerator
Sampling Duration (min)	: 350
Flue Gas Temperature °C	: 72.3
Ambient Air Temperature °C	: 32
Flue Gas Velocity (m/s)	: 16.94
Volumetric Flow Rate (m ³ /min)	: 41314.76
Pollution Control Device if any	: Bag House Filter



Analysis Report

S. No.	Parameters	Unit	Test Results	Specification as Per MOEF Notification Date 26 th June 2008 for Common Hazardous Waste (Incinerator)* (Limiting Concentration)	Test Method
Chemical Analysis					
1	Cd + Th + their Compounds	mg/Nm ³	ND, [DL-0.0001]	0.05	USEPA Method 29
2	Carbon Monoxide (CO)	mg/Nm ³	83.25	100	IS13270:1992
3	Hg and its Compounds	mg/Nm ³	ND, [DL-0.0005]	0.05	USEPA Method 29
4	Hydrogen Chloride as HCL	mg/Nm ³	ND, [DL-0.5]	50	USEPA Method 26
5	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	94.51	400	IS:11255 (P-7)
6	Particulate matter	mg/Nm ³	46.73	50	IS:11255 (P-1)
7	Sb+ As+ Pb+ Co+ Cr+ Cu+ Mn+ Ni+ V+ their Compounds	mg/Nm ³	ND, [DL-0.1]	0.50	USEPA Method 29
8	Sulphur Dioxide (SO ₂)	mg/Nm ³	9.84	200	IS:11255 (P-2)

Note: All values are corrected to 11% oxygen on a dry basis.

Reviewed By
Lavi

Page 1 of 2

Authorised Signatory
Arun Kumar Chaturvedi
Mr. Arun Kumar Chaturvedi, Scientist-C

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Report Date: 13-02-2025
Sample Receipt Date: 09-12-2024
Account Manager: BD Team 7
Credit Manager: Gulab/Septesh

Customer Provided Information:#

Nature of the Sample
Make & Model No.
Rated Capacity
Type of Stack /Duct
Stack Height from Ground Level (m)
Diameter of the Stack (m)
Type of Fuel used & its Consumption
Operation Load During Monitoring

: Stack Emission
: NA
: 250 kg/h
: Metal
: 30
: 1.0
: Diesel
: 250 kg/h

Laboratory Provided Information:

Date of Sampling
Time of sampling
Test Started On
Test Completed On
Purpose of Monitoring
Name of the Emission Source Monitoring
Sampling Method
Stack Identification
Sampling Duration (min)
Flue Gas Temperature °C
Ambient Air Temperature °C
Flue Gas Velocity (m/s)
Volumetric Flow Rate (m³/min)
Pollution Control Device if any

: 07-12-2024
: 10:30 AM to 04:20 PM
: 09-12-2024
: 19-12-2024
: Routine Compliance Monitoring
: Bio Medical Waste Incinerator
: IS-11255 (P-7, P-3) & FL/SOP/ENV/D-02
: Bio Medical Waste Incinerator
: 350
: 72.3
: 32
: 16.94
: 41314.76
: Bag House Filter



Analysis Report

S. No.	Parameters	Unit	Test Results	Specification as Per MOEF Notification Date 26 th June 2008 for Common Hazardous Waste (Incinerator)* (Limiting Concentration)	Test Method
Chemical Analysis					
9	Oxygen	% by Vol.	10.95	NA	FL/SOP/ENV-26
10	Total Organic Carbon	mg/Nm ³	3.27	20	FL/SOP/02-47
11	Hydrogen Fluoride as HF	mg/Nm ³	ND, [DL-0.5]	4	USEPA Method 26:1996
12	Carbon Dioxide	% by Vol.	5.38	NA	FL/SOP/02-25
13	Th and their Compounds	mg/Nm ³	ND, [DL-0.00005]	0.05	USEPA Method 29
14	PAHs	mg/Nm ³	ND, [DL-0.005]	NA	CEPA Method 429

Note: All values are corrected to 11% oxygen on a dry basis.

Inference: The tested sample of above mentioned Incinerator Stack **conforms** to MOEF Standards.

Note: This amended report supersedes the report issued earlier on 19-12-2024.

[Signature]
Reviewed By

Page 2 of 2

[Signature]
Authorised Signatory
Mr. Arun Kumar Chaturvedi, Scientist-C

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Account Manager: BD Team 7
Credit Manager: Gulab/Septesh

Customer Provided Information:#

Nature of the Sample
Make & Model No.
Rated Capacity
Type of Stack /Duct
Stack Height from Ground Level (m)
Diameter of the Stack (m)
Type of Fuel used & its Consumption

: **Stack Emission**
: NA
: NA
: Metal
: 30
: 1.1
: HSD

Laboratory Provided Information:

Date of Sampling
Time of sampling
Test Started On
Test Completed On
Purpose of Monitoring
Name of the Emission Source Monitoring
Sampling Method
Stack Identification
Sampling Duration (min)
Flue Gas Temperature °C
Ambient Air Temperature °C
Flue Gas Velocity (m/s)
Volumetric Flow Rate (m³/min)
Pollution Control Device if any

: 06-12-2024
: 11:15 AM to 05:10 PM
: 07-12-2024
: 17-12-2024
: Routine Compliance Monitoring
: Common Hazardous waste Incinerator
: IS-11255 (P-7, P-3) & FL/SOP/ENV/D-02
: Common Hazardous waste Incinerator
: 345
: 63
: 32
: 17.29
: 52435.99
: Bag House Filter



Analysis Report

S. No.	Parameters	Test Result	Specification as Per MOEF Notification Date 26 th June 2008 for Common Hazardous Waste (Incinerator)* (Limiting Concentration)	Protocol
1	Total Dioxins & Furans (ng TEQ/Nm ³ at 11 % O ₂ Correction's dry basis)	0.054	0.1	FL/SOP/07-02

Values rounded to Max three Significant digits

TEQ -Value calculated by including the quantified congeners only

Inference: The tested sample of above mentioned Incinerator Stack **conforms** to MOEF Standards.

Note: This amended report supersedes the report issued earlier on 17-12-2024.


Reviewed By

Page 1 of 1


Authorised Signatory
Mr. Arun Kumar Chaturvedi, Scientist-C

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ULR Code: TC5503 24 3 00019042 F
Report Date: 13-02-2025
Sample Receipt Date: 07-12-2024
Account Manager: BD Team 7
Credit Manager: Gulab/Septesh

Customer Provided Information:#

Nature of the Sample : **Stack Emission**
Make & Model No. : NA
Rated Capacity : NA
Type of Stack /Duct : Metal
Stack Height from Ground Level (m) : 30
Diameter of the Stack (m) : 1.1
Type of Fuel used & its Consumption : HSD

Laboratory Provided Information:

Date of Sampling : 06-12-2024
Time of sampling : 11:15 AM to 05:10 PM
Test Started On : 07-12-2024
Test Completed On : 17-12-2024
Purpose of Monitoring : Routine Compliance Monitoring
Name of the Emission Source Monitoring : Common Hazardous waste Incinerator
Sampling Method : IS-11255 (P-7, P-3) & FL/SOP/ENV/D-02
Stack Identification : Common Hazardous waste Incinerator
Sampling Duration (min) : 345
Flue Gas Temperature °C : 63
Ambient Air Temperature °C : 32
Flue Gas Velocity (m/s) : 17.29
Volumetric Flow Rate (m³/min) : 52435.99
Pollution Control Device if any : Bag House Filter



Analysis Report

S. No.	Parameters	Unit	Test Results	Specification as Per MOEF Notification Date 26 th June 2008 for Common Hazardous Waste (Incinerator)* (Limiting Concentration)	Test Method
Chemical Analysis					
9	Oxygen	% by Vol.	10.87	NA	FL/SOP/ENV-26
10	Total Organic Carbon	mg/Nm ³	3.51	20	FL/SOP/02-47
11	Hydrogen Fluoride as HF	mg/Nm ³	ND, [DL-0.5]	4	USEPA Method 26:1996
12	Carbon Dioxide	% by Vol.	4.44	NA	FL/SOP/02-25
13	Th and their Compounds	mg/Nm ³	ND, [DL-0.00005]	0.05	USEPA Method 29
14	PAHs	mg/Nm ³	ND, [DL-0.005]	NA	CEPA Method 429

Note: All values are corrected to 11% oxygen on a dry basis.

Inference: The tested sample of above mentioned Incinerator Stack **conforms** to MOEF Standards.

Note: This amended report supersedes the report issued earlier on 17-12-2024.

Reviewed By
Lavi

Page 2 of 2

Authorised Signatory
Arun
Mr. Arun Kumar Chaturvedi, Scientist-C

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