



TEST REPORT

Accredited by NABL - Chemical & Biological

Report No :	ECI-AAQ-2024/10/004	Report Date :	04.10.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 01/10/2024	Sample Reference No :	ECI-AAQ-2024/10/004
Sample Drawn By :	ECI	Sample Received On :	01.10.2024
Sample Collected Date :	01.10.2024	Test Commenced On :	01.10.2024
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	04.10.2024
Sample Description :	Ambient Air	Sampling Method :	IS 5182:Part 14
Sample Mark:	Near Main Gate		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method:6015	400
2.	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4.	Benzo-a-Pyrine (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5.	Carbon Monoxide (as CO)	mg/m ³	< 1.2	IS 5182:Part 10	2.0
6.	Lead (as Pb)	µg/m ³	< 0.1	IS 5182:Part 22	1.0
7.	Nickel (as Ni)	ng/m ³	< 0.1	IS 5182:Part 22	20
8.	Nitrogen dioxide (as NO ₂)	µg/m ³	28.2	IS 5182:Part 06	80
9.	Ozone (as O ₃)	µg/m ³	< 9.8	IS 5182:Part 09	180
10.	Particulate Matter (PM _{2.5})	µg/m ³	33.0	IS 5182:Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	69.6	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	20.5	IS 5182:Part 02	80

Opinion: In the above mentioned location meets the requirements of CPCB standards with respect to the parameters tested.

<--- End of Report --->

Verified By :	For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory) Authorized Signatory
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#43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625016 Tel: 0452 4355103 /203

Email: lab@envirocareindia.com | Web: www.envirocareindia.com

Note :

- The results are only valid for the purpose stated.
- Any change in the test method or the test conditions should be reported to the client.
- Repeatability of the results is not guaranteed. The results are only valid for the purpose stated.
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TEST REPORT

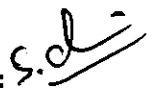
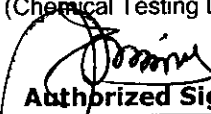
Accredited, NAAC, ISO 9001:2015 & ISO 14001:2015

Report No :	ECI-AAQ-2024/10/001	Report Date :	04.10.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 01/10/2024	Sample Reference No :	ECI-AAQ-2024/10/001
Sample Drawn By :	ECI	Sample Received On :	01.10.2024
Sample Collected Date :	01.10.2024	Test Commenced On :	01.10.2024
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	04.10.2024
Sample Description :	Ambient Air	Sampling Method :	IS 5182:Part 14
Sample Mark:	Near Guest House		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method:6015	400
2.	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4.	Benzo-a-Pyrene (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5.	Carbon Monoxide (as CO)	mg/m ³	< 1.2	IS 5182:Part 10	2.0
6.	Lead (as Pb)	µg/m ³	< 0.1	IS 5182:Part 22	1.0
7.	Nickel (as Ni)	ng/m ³	< 0.1	IS 5182:Part 22	20
8.	Nitrogen dioxide (as NO ₂)	µg/m ³	33.9	IS 5182:Part 06	80
9.	Ozone (as O ₃)	µg/m ³	< 9.8	IS 5182:Part 09	180
10.	Particulate Matter (PM _{2.5})	µg/m ³	34.2	IS 5182:Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	58.6	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	14.3	IS 5182:Part 02	80

Opinion: In the above mentioned location meets the requirements of CPCB standards with respect to the parameters tested.

<--- End of Report --->

Verified By : 	For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory)  Authorized Signatory
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Note: This report is valid only for the purpose mentioned above.

2. This report is valid only for the purpose mentioned above.

3. The report is valid only for the purpose mentioned above.

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7. The report is valid only for the purpose mentioned above.





TEST REPORT

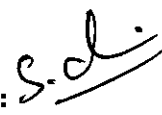
Accredited by NABL - Chemicals & Biology Lab

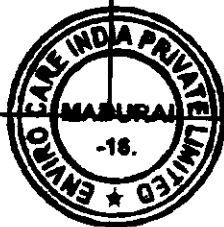
Report No :	ECI-AAQ-2024/10/003	Report Date :	04.10.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 01/10/2024	Sample Reference No :	ECI-AAQ-2024/10/003
Sample Drawn By :	ECI	Sample Received On :	01.10.2024
Sample Collected Date :	01.10.2024	Test Commenced On :	01.10.2024
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	04.10.2024
Sample Description :	Ambient Air	Sampling Method :	IS 5182:Part 14
Sample Mark:	Near Asbestos Godown		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method:6015	400
2.	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4.	Benzo-a-Pyrene (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5.	Carbon Monoxide (as CO)	mg/m ³	< 1.2	IS 5182:Part 10	2.0
6.	Lead (as Pb)	µg/m ³	< 0.1	IS 5182:Part 22	1.0
7.	Nickel (as Ni)	ng/m ³	< 0.1	IS 5182:Part 22	20
8.	Nitrogen dioxide (as NO ₂)	µg/m ³	29.5	IS 5182:Part 06	80
9.	Ozone (as O ₃)	µg/m ³	< 9.8	IS 5182:Part 09	180
10.	Particulate Matter (PM _{2.5})	µg/m ³	39.1	IS 5182:Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	68.9	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	14.0	IS 5182:Part 02	80

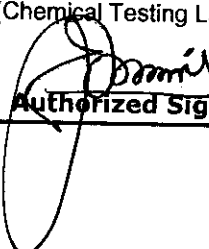
Opinion: In the above mentioned location meets the requirements of CPCB standards with respect to the parameters tested.

<--- End of Report --->

Verified By : 



For **ENVIRO CARE INDIA PRIVATE LIMITED**
(Chemical Testing Laboratory)


Authorized Signatory

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NOTE: This report is valid only for the purpose stated.

1. This report is not valid for any other purpose.

2. The results are based on the samples received and tested as per the test method specified in the report. The same for any other purpose is not valid.

3. The results are based on the samples received and tested as per the test method specified in the report. The same for any other purpose is not valid.





TEST REPORT

Accreditation: NABL - Chemical & Environmental

Report No :	ECI-SM-2024/10/002	Report Date :	04.10.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date:01/10/2024	Sample Reference No :	ECI-SM-2024/10/002
Sample Drawn By :	ECI	Sample Received On :	01.10.2024
Sample Collected Date :	01.10.2024	Test Commenced On :	01.10.2024
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	04.10.2024
Sample Description :	Stack	Sampling Method :	IS 11255 :Part 01
Sample Mark:	Fibre Mill Dust Collector – (Chimney)		

Stack Details:

S. No	Details	Unit	Value
1.	Port hole Height from G Level	m	5.0
2.	Stack Diameter at port hole	m	0.35
3.	Stack Height from G Level	m	26.0
4.	Ambient Temperature	°C	32

S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	86	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	< 0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	3086	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	10.5	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	< 1.0	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	1.5	IS 11255:Part 01	2.0
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

Opinion : In the above mentioned Parameter meets the requirements of TNPCB standards
NA – Not Applicable.

<--- End of Report --->

Verified By 		For ENVIRO CARE INDIA PRIVATE LIMITED (Laboratory Division)  Authorized Signatory
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TEST REPORT

Accredited by NABL - Chemicals & Environment

Report No :	ECI-SM-2024/10/001	Report Date :	04.10.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date:01/10/2024	Sample Reference No :	ECI-SM-2024/10/001
Sample Drawn By :	ECI	Sample Received On :	01.10.2024
Sample Collected Date :	01.10.2024	Test Commenced On :	01.10.2024
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	04.10.2024
Sample Description :	Stack	Sampling Method :	IS 11255 :Part 01
Sample Mark:	Cement Fly Storage (Chimney)		

Stack Details:

S. No	Details	Unit	Value
1.	Port hole Height from G Level	m	5.0
2.	Stack Diameter at port hole	m	0.35
3.	Stack Height from G Level	m	23.5
4.	Ambient Temperature	°C	32

S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	59	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	< 0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	2802	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	8.8	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	< 1.0	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	45.3	IS 11255:Part 01	50
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

Opinion : In the above mentioned Parameter meets the requirements of TNPCB standards
NA – Not Applicable.

<--- End of Report --->

For ENVIRO CARE INDIA PRIVATE LIMITED
(Laboratory Division)

Verified By



Authorized Signatory

#43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625016 Tel: 0452 4355103 /203
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NOTES: 1. This report is valid only for the purpose stated above.
2. The test results are valid only for the purpose stated above.
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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2024/10/004	Report Date :	04.10.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date:01/10/2024	Sample Reference No :	ECI-SM-2024/10/004
Sample Drawn By :	ECI	Sample Received On :	01.10.2024
Sample Collected Date :	01.10.2024	Test Commenced On :	01.10.2024
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	04.10.2024
Sample Description :	Stack	Sampling Method :	IS 11255 :Part 01
Sample Mark:	DG 750 KVA - (Chimney)		

Stack Details:

S. No	Details	Unit	Value
1.	Port hole Height from G Level	m	5.0
2.	Stack Diameter at port hole	m	0.30
3.	Stack Height from G Level	m	15.0
4.	Ambient Temperature	°C	32

S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	183	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	<0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	<0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	1622	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	9.5	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	35.4	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	42.8	IS 11255:Part 01	50
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	18.2	IS 11255:Part 02	NA

Opinion : In the above mentioned Parameter meets the requirements of TNPCB standards
NA – Not Applicable.

<--- End of Report --->

For ENVIRO CARE INDIA PRIVATE LIMITED
(Laboratory Division)

Verified By

S.d.



Authorized Signatory

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Note: The results of the test are valid only for the purpose for which the test was conducted. The results are not valid for any other purpose. The results are not valid for any other purpose. The results are not valid for any other purpose.





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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2024/10/003	Report Date :	04.10.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date:01/10/2024	Sample Reference No :	ECI-SM-2024/10/003
Sample Drawn By :	ECI	Sample Received On :	01.10.2024
Sample Collected Date :	01.10.2024	Test Commenced On :	01.10.2024
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	04.10.2024
Sample Description :	Stack	Sampling Method :	IS 11255 :Part 01
Sample Mark:	Pulverizer Dust Collector (Chimney)		

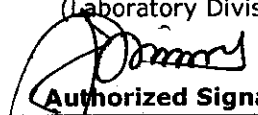
Stack Details:

S. No	Details	Unit	Value
1.	Port hole Height from G Level	m	6.0
2.	Stack Diameter at port hole	m	0.40
3.	Stack Height from G Level	m	9.0
4.	Ambient Temperature	°C	32

S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	79	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	< 0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	3525	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	9.0	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	< 1.0	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	1.3	IS 11255:Part 01	2.0
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

Opinion : In the above mentioned Parameter meets the requirements of TNPCB standards
NA – Not Applicable.

<--- End of Report --->

Verified By 		For ENVIRO CARE INDIA PRIVATE LIMITED (Laboratory Division)  Authorized Signatory
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#43, 2nd Street, Harvey Nagar, Aradick, Madurai - 625016 Tel: 0452 4355103 /203
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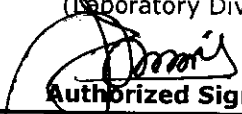
Note - The results are valid only for the test performed.
The results are not valid for the test performed at a different location or for a different purpose.
The results are not valid for the test performed at a different time or for a different purpose.
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TEST REPORT

Accredited by NABL - Chemical & Biological

Report No :	ECI-SM-2024/10/005	Report Date :	04.10.2024		
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.				
Customer Reference :	IWO Date:01/10/2024	Sample Reference No :	ECI-SM-2024/10/005		
Sample Drawn By :	ECI	Sample Received On :	01.10.2024		
Sample Collected Date :	01.10.2024	Test Commenced On :	01.10.2024		
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	04.10.2024		
Sample Description :	Stack	Sampling Method :	IS 11255 :Part 01		
Sample Mark:	Diesel Fired Drier-Silencer(Diesel)				
Stack Details:					
S. No	Details	Unit	Value		
1.	Port hole Height from G Level	m	5.0		
2.	Stack Diameter at port hole	m	0.30		
3.	Stack Height from G Level	m	6.0		
4.	Ambient Temperature	°C	32		
S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	145	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	<0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	1923	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	10.4	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	32.5	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	48.9	IS 11255:Part 01	50
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	19.2	IS 11255:Part 02	NA
Opinion : In the above mentioned Parameter meets the requirements of TNPCB standards NA – Not Applicable.					
<--- End of Report --->					
Verified By 		For ENVIRO CARE INDIA PRIVATE LIMITED (Laboratory Division)  Authorized Signatory			

#43, 2nd Street, Harvey Nagar, Arasikudi, Madurai - 625016 Tel: 0452 4355103 /203
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Note: The results are valid only for the purpose of the test.

1. The results are valid only for the purpose of the test.

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3. The results are valid only for the purpose of the test.





Source: NABL. <http://nabl.gov.in>

Report No :	ECI-NM-2024/10/001	Report Date :	04.10.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 01/10/2024	Sample Reference No :	ECI-NM-2024/10/001
Sample Description :	Noise	Monitoring Date :	01.10.2024
Monitored By :	ECI	Data Received On :	01.10.2024
S.No	Locations	Day Time	
		Minimum	Maximum
1.	Near Main Gate	62.8	64.9
2.	Admin Office Area	60.3	62.0
3.	Stack Yard Area	56.7	59.3
4.	Toilet Area	61.2	64.3
5.	Canteen Area	63.8	66.2
6.	DG Room	81.3	83.7
7.	Main Machine Area	86.8	88.2
8.	RM Section	77.7	79.3
9.	Stripping Machine Area	84.2	87.6
10.	Work Shop Area	71.2	73.8
Unit		dB (A)	
Max. Permissible Limit for Noise (Factories Rules, 1950)		90	
Reference Method		IS 9989	

Opinion: In the above mentioned locations meets the requirements of Factories Act Rules

<--- End of Report --->

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

Verified By :

Authorized Signatory

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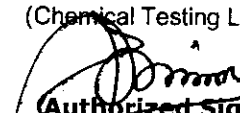
TEST REPORT

Address: NABE Chennai & Bangalore

Report No :	ECI-NM-2024/10/002	Report Date :	04.10.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 01/10/2024	Sample Reference No :	ECI-NM-2024/10/002
Sample Description :	Noise	Monitoring Date :	01.10.2024
Monitored By :	ECI	Data Received On :	01.10.2024
S.No	Locations	Night Time	
		Minimum	Maximum
1.	Near Main Gate	54.2	56.8
2.	Admin Office Area	51.3	52.8
3.	Stack Yard Area	54.2	55.0
4.	Toilet Area	50.2	51.3
5.	Canteen Area	48.2	49.9
6.	DG Room	63.7	66.4
7.	Main Machine Area	82.7	84.8
8.	RM Section	65.2	68.3
9.	Stripping Machine Area	70.2	73.4
10.	Work Shop Area	58.2	61.8
Unit		dB (A)	
Max. Permissible Limit for Noise (Factories Rules, 1950)		90	
Reference Method		IS 9989	

Opinion : In the above mentioned locations meets the requirements of Factories Act Rules.

<--- End of Report --->

Verified By : 	For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory)  Authorized Signatory
---	---



#43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625016 Tel: 0452 4355103 /203
Email: lab@envirocareindia.com | Web: www.envirocareindia.com

Note: The test results are valid only for the purpose of the test.

1. The test results are valid only for the purpose of the test.

2. The test results are valid only for the purpose of the test.

3. The test results are valid only for the purpose of the test.

4. The test results are valid only for the purpose of the test.





Accepted by NABL, Chennai & Bangalore

Report No :	ECI-IAQ-2024/10/001	Report Date :	04.10.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 01/10/2024	Sample Reference No :	ECI-IAQ-2024/10/001
Sample Drawn By :	ECI	Sample Received On :	01.10.2024
Sample Collected Date :	01.10.2024	Test Commenced On :	01.10.2024
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	04.10.2024
Sample Description :	Fugitive Emission	Sampling Method :	IS 5182:Part 14
Sample Mark:	RM Stock Area		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Nitrogen dioxide (as NO ₂)	µg/m ³	24.5	IS 5182:Part 06	80
2.	Particulate Matter (PM _{2.5})	µg/m ³	36.2	IS 5182:Part:24	60
3.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	57.9	IS 5182:Part 23	100
4.	Sulphur Dioxide (as SO ₂)	µg/m ³	13.8	IS 5182:Part 02	80

Opinion: In the above mentioned location meets the requirements of CPCB standards with respect to the parameters tested.

<--- End of Report --->

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

Verified By :

Authorized Signatory

#43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625016 Tel: 0452 4355103 /203

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1. *Chlorophyll a* (Chl *a*)





TEST REPORT

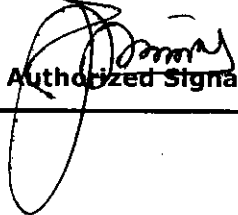
Accredited by NABL - Chemical & Biological

Report No :	ECI-IAQ-2024/10/002	Report Date :	04.10.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangajkondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 01/10/2024	Sample Reference No :	ECI-IAQ-2024/10/002
Sample Drawn By :	ECI	Sample Received On :	01.10.2024
Sample Collected Date :	01.10.2024	Test Commenced On :	01.10.2024
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	04.10.2024
Sample Description :	Fugitive Emission	Sampling Method :	IS 5182:Part 14
Sample Mark:	Cement & Fly Ash Handling Area		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Nitrogen dioxide (as NO ₂)	µg/m ³	30.2	IS 5182:Part 06	80
2.	Particulate Matter (PM _{2.5})	µg/m ³	32.4	IS 5182:Part:24	60
3.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	72.1	IS 5182:Part 23	100
4.	Sulphur Dioxide (as SO ₂)	µg/m ³	16.8	IS 5182:Part 02	80

Opinion: In the above mentioned location meets the requirements of CPCB standards with respect to the parameters tested.

<--- End of Report --->

Verified By : 		For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory)  Authorized Signatory
---	---	---

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Note: 1. The report is valid only for the purpose mentioned.
2. The report is valid only for the purpose mentioned.
3. The report is valid only for the purpose mentioned.
4. The report is valid only for the purpose mentioned.
5. The report is valid only for the purpose mentioned.
6. The report is valid only for the purpose mentioned.



TEST REPORT

Test Certificate No. & Date	RIL/MTL/2024-2025/07/004 - 19/10/2024		
Status of Report	Full/ Partial		
Issue No./Amendment No.	01/00		
Customer Name	M/s Ramco Industries Limited,		
Customer Address	Sipcot Industrial Area, Gangaikondan, Tirunelveli, Tamil Nadu		
Reference No. if any	-		
<u>Sample Description:</u>			
Discipline	Chemical	Group/ Sub Group	Atmospheric Pollution/ Work Environment and Indoor air quality
Product	Airborne asbestos fibres	Flow Rate (ml/min)	1000
Source of Sample for testing	Supplied by the customer	Sample Receipt Date	14/10/2024
Sampling Duration	240 mins	Test Started Date	18/10/2024
Quantity of Sample	12 Nos	Test completed Date	19/10/2024
Condition of Sample	Acceptable	Test Method followed	IS 11450 : 2006

TEST RESULTS OF FIBRE CONCENTRATION

Sl. No	Sampling Date	location	Static/Personal	Fibre Count (Nos)	Fibre Concentration (f/cc)
1	02.10.2024	Asbestos Storage Godown	Static	8	0.018
2	01.10.2024	Bag Opening Device	Personal	11	0.024
3	10.10.2024	Slurry Mixer	Static	7	0.015
4	01.10.2024	Sheeting Machine	Personal	6	0.013
5	09.10.2024	Corrugator	Personal	6	0.013
6	09.10.2024	Moulding Area	Personal	4	0.009
7	10.10.2024	Laboratory	Personal	3	0.007
8	06.10.2024	Loading Area	Static	5	0.011
9	04.10.2024	Near Main Gate	Static	4	0.009
10	01.10.2024	Segregation	Personal	6	0.013
11	05.10.2024	Salvage/Reclamation	Static	8	0.018
12	09.10.2024	Pulverizer	Personal	9	0.020


Tested by
E. Muthazhagan
(Test Engineer)


Authorized By
P. Kumaraguruparan
(Senior Manager Quality)

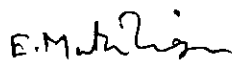
END OF THE REPORT

TEST REPORT

Test Certificate No. & Date	RIL/MTL/2024-2025/07/004A - 19/10/2024		
Status of Report	Full/ Partial		
Issue No./Amendment No.	01/00		
Customer Name	M/s Ramco Industries Limited,		
Customer Address	Sipcot Industrial Area, Gangaikondan, Tirunelveli, Tamil Nadu		
Reference No. if any	-		
<u>Sample Description:</u>			
Discipline	Chemical	Group/ Sub Group	Atmospheric Pollution/ Work Environment and Indoor air quality
Product	Airborne asbestos fibres	Flow Rate (ml/min)	10000
Source of Sample for testing	Supplied by the customer	Sample Receipt Date	14/10/2024
Sampling Duration	10 mins	Test Started Date	18/10/2024
Quantity of Sample	2 Nos	Test completed Date	19/10/2024
Condition of Sample	Acceptable	Test Method followed	IS 11450 : 2006

TEST RESULTS OF FIBRE CONCENTRATION

Sl. No	Sampling Date	Location	Static/Personal	Fibre Count (Nos)	Fibre Concentration (f/cc)
1	01.10.2024	Fiber De-Stack	NA	3	0.016
2	01.10.2024	Pulverizer De-Stack	NA	4	0.021



Tested by

E. Muthazhagan
(Test Engineer)

Authorized By

P. Kumaraguruparan
(Senior Quality Manager)

END OF THE REPORT



TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-AAQ-2024/11/032	Report Date :	13.11.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 08/11/2024	Sample Reference No :	ECI-AAQ-2024/11/032
Sample Drawn By :	ECI	Sample Received On :	09.11.2024
Sample Collected Date :	08.11.2024	Test Commenced On :	09.11.2024
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	13.11.2024
Sample Description :	Ambient Air	Sampling Method :	IS 5182:Part 14
Sample Mark:	Near Main Gate		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method:6015	400
2.	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4.	Benzo-a-Pyrine (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5.	Carbon Monoxide (as CO)	mg/m ³	< 1.2	IS 5182:Part 10	2.0
6.	Lead (as Pb)	µg/m ³	< 0.1	IS 5182:Part 22	1.0
7.	Nickel (as Ni)	ng/m ³	< 0.1	IS 5182:Part 22	20
8.	Nitrogen dioxide (as NO ₂)	µg/m ³	31.5	IS 5182:Part 06	80
9.	Ozone (as O ₃)	µg/m ³	< 9.8	IS 5182:Part 09	180
10.	Particulate Matter (PM _{2.5})	µg/m ³	35.7	IS 5182:Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	72.1	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	22.9	IS 5182:Part 02	80

Opinion: In the above mentioned location meets the requirements of CPCB standards with respect to the parameters tested.

<--- End of Report --->

Verified By :	For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory)
	Authorized Signatory



#43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625016 Tel: 0452 4355103 /203

Email: lab@envirocareindia.com | Web: www.envirocareindia.com

NOTE: 1. The results are valid only for the parameters tested.

2. The test report is valid only for the samples received on the date of testing.

3. The test report is valid only for the samples received on the date of testing and the results are valid only for the parameters tested.

4. The test report is valid only for the samples received on the date of testing and the results are valid only for the parameters tested.

5. The test report is valid only for the samples received on the date of testing and the results are valid only for the parameters tested.

6. The test report is valid only for the samples received on the date of testing and the results are valid only for the parameters tested.





TEST REPORT

Accredited by NABL | Chemical & Biological

Report No :	ECI-AAQ-2024/11/030	Report Date :	13.11.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 08/11/2024	Sample Reference No :	ECI-AAQ-2024/11/030
Sample Drawn By :	ECI	Sample Received On :	09.11.2024
Sample Collected Date :	08.11.2024	Test Commenced On :	09.11.2024
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	13.11.2024
Sample Description :	Ambient Air	Sampling Method :	IS 5182:Part 14
Sample Mark:	Near Stack Yard		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method:6015	400
2.	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4.	Benzo-a-Pyrene (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5.	Carbon Monoxide (as CO)	mg/m ³	< 1.2	IS 5182:Part 10	2.0
6.	Lead (as Pb)	µg/m ³	< 0.1	IS 5182:Part 22	1.0
7.	Nickel (as Ni)	ng/m ³	< 0.1	IS 5182:Part 22	20
8.	Nitrogen dioxide (as NO ₂)	µg/m ³	27.9	IS 5182:Part 06	80
9.	Ozone (as O ₃)	µg/m ³	< 9.8	IS 5182:Part 09	180
10.	Particulate Matter (PM _{2.5})	µg/m ³	34.0	IS 5182:Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	71.2	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	12.5	IS 5182:Part 02	80

Opinion: In the above mentioned location meets the requirements of CPCB standards with respect to the parameters tested.

<--- End of Report --->

Verified By :

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

Authorized Signatory



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Note: The test results are valid only for the purpose stated above.

Any other use of the test results without the written consent of the laboratory is prohibited.

Management and laboratory are not responsible for the results of the test if the sample is not properly handled or if the test is not performed as per the standard method.

The laboratory is not responsible for the results of the test if the sample is not properly handled or if the test is not performed as per the standard method.

The laboratory is not responsible for the results of the test if the sample is not properly handled or if the test is not performed as per the standard method.

The laboratory is not responsible for the results of the test if the sample is not properly handled or if the test is not performed as per the standard method.





TEST REPORT

Accredited by NABL - Chemical & Biological

Report No :	ECI-AAQ-2024/11/029	Report Date :	13.11.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 08/11/2024	Sample Reference No :	ECI-AAQ-2024/11/029
Sample Drawn By :	ECI	Sample Received On :	09.11.2024
Sample Collected Date :	08.11.2024	Test Commenced On :	09.11.2024
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	13.11.2024
Sample Description :	Ambient Air	Sampling Method :	IS 5182:Part 14
Sample Mark:	Near Guest House		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method:6015	400
2.	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4.	Benzo-a-Pyrine (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5.	Carbon Monoxide (as CO)	mg/m ³	< 1.2	IS 5182:Part 10	2.0
6.	Lead (as Pb)	µg/m ³	< 0.1	IS 5182:Part 22	1.0
7.	Nickel (as Ni)	ng/m ³	< 0.1	IS 5182:Part 22	20
8.	Nitrogen dioxide (as NO ₂)	µg/m ³	31.5	IS 5182:Part 06	80
9.	Ozone (as O ₃)	µg/m ³	< 9.8	IS 5182:Part 09	180
10.	Particulate Matter (PM _{2.5})	µg/m ³	36.4	IS 5182:Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	60.2	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	11.8	IS 5182:Part 02	80

Opinion: In the above mentioned location meets the requirements of CPCB standards with respect to the parameters tested.

<--- End of Report --->

Verified By :	For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory) Authorized Signatory
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Note

1. Results are given only for the parameters tested.
2. The test results are given only for the parameters tested and are not to be used for any other purpose.
3. The test results are given only for the parameters tested and are not to be used for any other purpose.
4. The test results are given only for the parameters tested and are not to be used for any other purpose.
5. The test results are given only for the parameters tested and are not to be used for any other purpose.

6. The test results are given only for the parameters tested and are not to be used for any other purpose.





Accredited by NABL : Chemical & Biological

Report No :	ECI-AAQ-2024/11/031	Report Date :	13.11.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangajkondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 08/11/2024	Sample Reference No :	ECI-AAQ-2024/11/031
Sample Drawn By :	ECI	Sample Received On :	09.11.2024
Sample Collected Date :	08.11.2024	Test Commenced On :	09.11.2024
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	13.11.2024
Sample Description :	Ambient Air	Sampling Method :	IS 5182:Part 14
Sample Mark:	Near Asbestos Godown		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method:6015	400
2.	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4.	Benzo-a-Pyrene (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5.	Carbon Monoxide (as CO)	mg/m ³	< 1.2	IS 5182:Part 10	2.0
6.	Lead (as Pb)	µg/m ³	< 0.1	IS 5182:Part 22	1.0
7.	Nickel (as Ni)	ng/m ³	< 0.1	IS 5182:Part 22	20
8.	Nitrogen dioxide (as NO ₂)	µg/m ³	27.0	IS 5182:Part 06	80
9.	Ozone (as O ₃)	µg/m ³	< 9.8	IS 5182:Part 09	180
10.	Particulate Matter (PM _{2.5})	µg/m ³	37.1	IS 5182:Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	67.4	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	11.2	IS 5182:Part 02	80

Opinion: In the above mentioned location meets the requirements of CPCB standards with respect to the parameters tested.

<--- End of Report --->

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

Verified By :

Authorized Signatory



#43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625016 Tel: 0452 4355103 /203
Email: lab@envirocareindia.com | Web: www.envirocareindia.com

Neuronal cell death is a common feature in the pathogenesis of a number of neurodegenerative disorders, including Alzheimer's disease (AD), Huntington's disease (HD), and Parkinson's disease (PD). The underlying mechanisms of neuronal cell death are complex and involve a variety of factors, including genetic mutations, oxidative stress, and mitochondrial dysfunction. In this review, we will discuss the role of neuronal cell death in the pathogenesis of these disorders and explore potential therapeutic strategies to prevent or delay the progression of these diseases.

[illegible]



TEST REPORT

Accredited by NABL - Chemical & Biological

Report No :	ECI-SM-2024/11/029	Report Date :	13.11.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date:08/11/2024	Sample Reference No :	ECI-SM-2024/11/029
Sample Drawn By :	ECI	Sample Received On :	09.11.2024
Sample Collected Date :	08.11.2024	Test Commenced On :	09.11.2024
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	13.11.2024
Sample Description :	Stack	Sampling Method :	IS 11255 :Part 01
Sample Mark:	Fibre Mill Dust Collector – (Chimney)		

Stack Details:

S. No	Details	Unit	Value
1.	Port hole Height from G Level	m	5.0
2.	Stack Diameter at port hole	m	0.35
3.	Stack Height from G Level	m	26.0
4.	Ambient Temperature	°C	32

S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	77	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	< 0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	3296	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	10.9	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	< 1.0	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	1.7	IS 11255:Part 01	2.0
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

Opinion : In the above mentioned Parameter meets the requirements of TNPCB standards
NA – Not Applicable.

<--- End of Report --->

Verified By



For ENVIRO CARE INDIA PRIVATE LIMITED
(Laboratory Division)

Authorized Signatory

#43, 2nd Street, Harvey Nagar, Arasikudi, Madurai - 625016 Tel: 0452 4355103 /203
Email: lab@envirocareindia.com | Web: www.envirocareindia.com

Notes: 1. Results are valid only for the purpose stated.

2. Results are not valid for any other purpose than the one stated.

3. Results are not valid for any other purpose than the one stated. The same form at all times, the columns on of the analytical results are not to be filled. The results are not valid for any other purpose than the one stated. The same form at all times, the columns on of the analytical results are not to be filled.

4. Results are not valid for any other purpose than the one stated. The same form at all times, the columns on of the analytical results are not to be filled.





TEST REPORT

Accredited by NABL - Chemical & Environmental

Report No :	ECI-SM-2024/11/028	Report Date :	13.11.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date:08/11/2024	Sample Reference No :	ECI-SM-2024/11/028
Sample Drawn By :	ECI	Sample Received On :	09.11.2024
Sample Collected Date :	08.11.2024	Test Commenced On :	09.11.2024
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	13.11.2024
Sample Description :	Stack	Sampling Method :	IS 11255 :Part 01
Sample Mark:	Cement Fly Storage (Chimney)		

Stack Details:

S. No	Details	Unit	Value
1.	Port hole Height from G Level	m	5.0
2.	Stack Diameter at port hole	m	0.35
3.	Stack Height from G Level	m	23.5
4.	Ambient Temperature	°C	32

S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	61	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	< 0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	3139	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	9.9	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	< 1.0	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	47.9	IS 11255:Part 01	50
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

Opinion : In the above mentioned Parameter meets the requirements of TNPCB standards
NA – Not Applicable.

<--- End of Report --->

For **ENVIRO CARE INDIA PRIVATE LIMITED**
(Laboratory Division)

Verified By



Authorized Signatory

#43, 2nd Street, Harvey Nagar, Arasavadi, Madurai - 625016 Tel: 0452 4355103 /203
Email: lab@envirocareindia.com | Web: www.envirocareindia.com

Note: The results are valid only if:

1. All the test results are reported in the same format.
2. Recommended test results are reported in the same format without the permission of the laboratory.
3. The test results are valid only if the test results are reported within the 15 days from date of issue of test report.
4. The test results are valid only if the test results are reported within the 15 days from date of issue of test report.
5. The test results are valid only if the test results are reported within the 15 days from date of issue of test report.
6. The test results are valid only if the test results are reported within the 15 days from date of issue of test report.





TEST REPORT

Accredited by NABL - Chemical & Biological

Report No :	ECI-SM-2024/11/031	Report Date :	13.11.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date:08/11/2024	Sample Reference No :	ECI-SM-2024/11/031
Sample Drawn By :	ECI	Sample Received On :	09.11.2024
Sample Collected Date :	08.11.2024	Test Commenced On :	09.11.2024
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	13.11.2024
Sample Description :	Stack	Sampling Method :	IS 11255 :Part 01
Sample Mark:	DG 750 KVA - (Chimney)		

Stack Details:

S. No	Details	Unit	Value
1.	Port hole Height from G Level	m	5.0
2.	Stack Diameter at port hole	m	0.30
3.	Stack Height from G Level	m	15.0
4.	Ambient Temperature	°C	32

S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	202	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	<0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	<0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	1394	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	8.5	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	32.0	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	45.9	IS 11255:Part 01	50
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	15.6	IS 11255:Part 02	NA

Opinion : In the above mentioned Parameter meets the requirements of TNPCB standards
NA – Not Applicable.

<--- End of Report --->

For **ENVIRO CARE INDIA PRIVATE LIMITED**
(Laboratory Division)



Verified By

Authorized Signatory

#43, 2nd Street, Harvey Nagar, Arasale, Madurai - 625016 Tel: 0452 4355103 /203
Email: lab@envirocareindia.com | Web: www.envirocareindia.com

Note: The test is conducted as per the request.
1. All the test results are subject to the accuracy of the sample.
2. The test results are subject to the accuracy of the sample and the accuracy of the test method.
3. The test results are subject to the accuracy of the sample and the accuracy of the test method.
4. The test results are subject to the accuracy of the sample and the accuracy of the test method.
5. The test results are subject to the accuracy of the sample and the accuracy of the test method.





TEST REPORT

Accredited by NABL - Chemicals & Biological

Report No :	ECI-SM-2024/11/033	Report Date :	13.11.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date:08/11/2024	Sample Reference No :	ECI-SM-2024/11/033
Sample Drawn By :	ECI	Sample Received On :	09.11.2024
Sample Collected Date :	08.11.2024	Test Commenced On :	09.11.2024
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	13.11.2024
Sample Description :	Stack	Sampling Method :	IS 11255 :Part 01
Sample Mark:	DG 380 KVA - (Chimney)		

Stack Details:

S. No	Details	Unit	Value
1.	Port hole Height from G Level	m	5.0
2.	Stack Diameter at port hole	m	0.30
3.	Stack Height from G Level	m	6.0
4.	Ambient Temperature	°C	32

S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	174	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	<0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	1524	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	8.8	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	31.9	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	47.7	IS 11255:Part 01	50
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	18.5	IS 11255:Part 02	NA

Opinion : In the above mentioned Parameter meets the requirements of TNPCB standards
NA - Not Applicable.

<--- End of Report --->

For **ENVIRO CARE INDIA PRIVATE LIMITED**
(Laboratory Division)

Verified By

Authorized Signatory



#43, 2nd Street, Harvey Nagar, Arasale, Madurai - 625016 Tel: 0452 4355103 /203
Email: lab@envirocareindia.com | Web: www.envirocareindia.com

Notes:

1. The test results are valid only for the test performed.
2. The test results are valid only for the test performed.
3. The test results are valid only for the test performed.
4. The test results are valid only for the test performed.
5. The test results are valid only for the test performed.
6. The test results are valid only for the test performed.
7. The test results are valid only for the test performed.
8. The test results are valid only for the test performed.





TEST REPORT

Accredited by NABL - Chemical & Biological

Report No :	ECI-SM-2024/11/030	Report Date :	13.11.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date:08/11/2024	Sample Reference No :	ECI-SM-2024/11/030
Sample Drawn By :	ECI	Sample Received On :	09.11.2024
Sample Collected Date :	08.11.2024	Test Commenced On :	09.11.2024
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	13.11.2024
Sample Description :	Stack	Sampling Method :	IS 11255 :Part 01
Sample Mark:	Pulverizer Dust Collector (Chimney)		

Stack Details:

S. No	Details	Unit	Value
1.	Port hole Height from G Level	m	6.0
2.	Stack Diameter at port hole	m	0.40
3.	Stack Height from G Level	m	9.0
4.	Ambient Temperature	°C	32

S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	81	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	< 0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	3904	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	10.0	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	< 1.0	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	1.6	IS 11255:Part 01	2.0
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

Opinion : In the above mentioned Parameter meets the requirements of TNPCB standards
NA - Not Applicable.

<--- End of Report --->

For ENVIRO CARE INDIA PRIVATE LIMITED
(Laboratory Division)

Verified By

Authorized Signatory



#43, 2nd Street, Harvey Nagar, Arasikudi, Madurai - 625016 Tel: 0452 4355103 /203
Email: lab@envirocareindia.com | Web: www.envirocareindia.com

Note: The results are valid only for the purpose mentioned.

1. Any change in the sample and/or test method shall be reported.

2. The test shall be performed on the same day as the test. The results shall be valid only for the same lot and shall be valid only for the same lot and shall be valid only for the same lot.

3. The test shall be performed on the same day as the test. The results shall be valid only for the same lot and shall be valid only for the same lot.

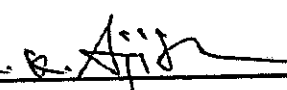
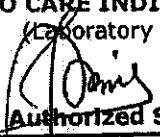
4. The test shall be performed on the same day as the test. The results shall be valid only for the same lot and shall be valid only for the same lot.





TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No.:	ECI-SM-2024/11/032	Report Date:	13.11.2024		
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.				
Customer Reference:	IWO Date:08/11/2024	Sample Reference No.:	ECI-SM-2024/11/032		
Sample Drawn By:	ECI	Sample Received On:	09.11.2024		
Sample Collected Date:	08.11.2024	Test Commenced On:	09.11.2024		
Qty of Sample Received:	Thimble & 50 ml Soln	Test Completed On:	13.11.2024		
Sample Description:	Stack	Sampling Method:	IS 11255 :Part 01		
Sample Mark:	Diesel Fired Drier-Silencer(Diesel)				
Stack Details:					
S. No.	Details	Units	Value		
1.	Port hole Height from G Level	m	5.0		
2.	Stack Diameter at port hole	m	0.30		
3.	Stack Height from G Level	m	6.0		
4.	Ambient Temperature	°C	32		
S. No.	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	166	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	< 0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	1621	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	9.2	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	35.0	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	48.5	IS 11255:Part 01	50
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	21.8	IS 11255:Part 02	NA
Opinion: In the above mentioned Parameter meets the requirements of TNPCB standards NA - Not Applicable.					
<--- End of Report --->					
Verified By 		For ENVIRO CARE INDIA PRIVATE LIMITED (Laboratory Division)  Authorized Signatory			



#43, 2nd Street, Harvey Nagar, Arasankottai, Madurai - 625016 Tel: 0452 4355103 /203
Email: lab@envirocareindia.com | Web: www.envirocareindia.com

- Note:**
1. The results relate only to this item tested
 2. Any Correction not attested shall invalidate this report.
 3. Report shall not be reproduced anywhere except in full and in the same format without the permission of the laboratory.
 4. Unless informed by customer, the test items will not be retained for more than 15 days from date of issue of test report.
 5. Total liability of our laboratory is limited to the invoice amount.
 6. Any dispute arising out of this report is subjected to Madurai Jurisdiction Only.





TEST REPORT

Accredited by NABL - Chemical & Biological

Report No :	ECI-NM-2024/11/020	Report Date :	13.11.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date:08/11/2024	Sample Reference No :	ECI-NM-2024/11/020
Sample Description :	Noise	Monitoring Date :	08.11.2024
Monitored By :	ECI	Data Received On :	09.11.2024
S.No	Locations	Day Time	
		Minimum	Maximum
1.	Near Main Gate	61.0	63.1
2.	Admin Office Area	60.0	61.5
3.	Stack Yard Area	54.2	56.0
4.	Toilet Area	60.2	62.7
5.	Canteen Area	63.7	65.2
6.	DG Room	81.2	83.4
7.	Main Machine Area	86.7	88.2
8.	RM Section	75.2	77.1
9.	Stripping Machine Area	84.8	86.9
10.	Work Shop Area	75.2	77.6
Unit		dB (A)	
Max. Permissible Limit for Noise (Factories Rules, 1950)		90	
Reference Method		IS 9989	

Opinion: In the above mentioned locations meets the requirements of Factories Act Rules

<--- End of Report --->

For **ENVIRO CARE INDIA PRIVATE LIMITED**
(Chemical Testing Laboratory)

Verified By :



Authorized Signatory

#43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625016 Tel: 0452 4355103 /203
Email: lab@envirocareindia.com | Web: www.envirocareindia.com

NOTE: The test results are only valid for the samples tested.

1. The test results are valid only for the samples tested.

2. The test results are valid only for the samples tested.

3. The test results are valid only for the samples tested.

4. The test results are valid only for the samples tested.

5. The test results are valid only for the samples tested.

6. The test results are valid only for the samples tested.





TEST REPORT

Accredited by NABL - Chemical & Biological

Report No :	ECI-NM-2024/11/021	Report Date :	13.11.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date:08/11/2024	Sample Reference No :	ECI-NM-2024/11/021
Sample Description :	Noise	Monitoring Date :	08.11.2024
Monitored By :	ECI	Data Received On :	09.11.2024
S.No	Locations	Night Time	
		Minimum	Maximum
1.	Near Main Gate	54.2	56.7
2.	Admin Office Area	56.2	58.3
3.	Stack Yard Area	52.1	54.3
4.	Toilet Area	53.9	55.2
5.	Canteen Area	47.2	48.2
6.	DG Room	60.2	62.8
7.	Main Machine Area	81.2	82.7
8.	RM Section	63.2	64.0
9.	Stripping Machine Area	66.2	68.5
10.	Work Shop Area	60.0	61.7
Unit	dB (A)		
Max. Permissible Limit for Noise (Factories Rules, 1950)	90		
Reference Method	IS 9989		

Opinion : In the above mentioned locations meets the requirements of Factories Act Rules.

<--- End of Report --->

For **ENVIRO CARE INDIA PRIVATE LIMITED**
(Chemical Testing Laboratory)

Verified By :



Authorized Signatory

#43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625016 Tel: 0452 4355103 /203
Email: lab@envirocareindia.com | Web: www.envirocareindia.com

Note: This report is valid only for the purpose mentioned.

1. The report is not valid if the test results are not confirmed by the customer.

2. The report is not valid if the test results are not confirmed by the customer within the specified time period.

3. The report is not valid if the test results are not confirmed by the customer within the specified time period.

4. The report is not valid if the test results are not confirmed by the customer within the specified time period.

5. The report is not valid if the test results are not confirmed by the customer within the specified time period.





TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-IAQ-2024/11/030	Report Date :	13.11.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date:08/11/2024	Sample Reference No :	ECI-IAQ-2024/11/030
Sample Drawn By :	ECI	Sample Received On :	09.11.2024
Sample Collected Date :	08.11.2024	Test Commenced On :	09.11.2024
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	13.11.2024
Sample Description :	Fugitive Emission	Sampling Method :	IS 5182:Part 14
Sample Mark:	RM Stock Area		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Nitrogen dioxide (as NO ₂)	µg/m ³	26.9	IS 5182:Part 06	80
2.	Particulate Matter (PM _{2.5})	µg/m ³	38.1	IS 5182:Part:24	60
3.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	59.4	IS 5182:Part 23	100
4.	Sulphur Dioxide (as SO ₂)	µg/m ³	15.6	IS 5182:Part 02	80

Opinion: In the above mentioned location meets the requirements of CPCB standards with respect to the parameters tested.

<--- End of Report --->

Verified By :	For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory) Authorized Signatory
---------------	--



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Email: lab@envirocareindia.com | Web: www.envirocareindia.com

NOTE

1. The test results are valid only for the purpose for which the test was conducted.
2. The test results are valid only for the purpose for which the test was conducted.
3. The test results are valid only for the purpose for which the test was conducted.
4. The test results are valid only for the purpose for which the test was conducted.
5. The test results are valid only for the purpose for which the test was conducted.
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7. The test results are valid only for the purpose for which the test was conducted.





TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-IAQ-2024/11/031	Report Date :	13.11.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangajkondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date:08/11/2024	Sample Reference No :	ECI-IAQ-2024/11/031
Sample Drawn By :	ECI	Sample Received On :	09.11.2024
Sample Collected Date :	08.11.2024	Test Commenced On :	09.11.2024
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	13.11.2024
Sample Description :	Fugitive Emission	Sampling Method :	IS 5182:Part 14
Sample Mark:	Cement & Fly Ash Handling Area		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Nitrogen dioxide (as NO ₂)	µg/m ³	32.5	IS 5182:Part 06	80
2.	Particulate Matter (PM _{2.5})	µg/m ³	35.8	IS 5182:Part:24	60
3.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	75.2	IS 5182:Part 23	100
4.	Sulphur Dioxide (as SO ₂)	µg/m ³	18.0	IS 5182:Part 02	80

Opinion: In the above mentioned location meets the requirements of CPCB standards with respect to the parameters tested.

<--- End of Report --->

Verified By :	For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory) Authorized Signatory
---------------	---



#43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625016 Tel: 0452 4355103 /203
Email: lab@envirocareindia.com | Web: www.envirocareindia.com

NOTE: The results are valid for the period specified in the report.
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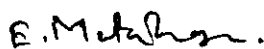
TEST REPORT

Test Certificate No. & Date	RIL/MTL/2024-2025/08/006 - 19/11/2024		
Status of Report	Full/ Partial		
Issue No./Amendment No.	01/00		
Customer Name	M/s Ramco Industries Limited,		
Customer Address	Sipcot Industrial Area, Gangaikondan, Tirunelveli, Tamil Nadu		
Reference No. if any	-		
<u>Sample Description:</u>			
Discipline	Chemical	Group/ Sub Group	Atmospheric Pollution/ Work Environment and Indoor air quality
Product	Airborne asbestos fibres	Flow Rate (ml/min)	1000
Source of Sample for testing	Supplied by the customer	Sample Receipt Date	16/11/2024
Sampling Duration	240 mins	Test Started Date	18/11/2024
Quantity of Sample	12 Nos	Test completed Date	19/11/2024
Condition of Sample	Acceptable	Test Method followed	IS 11450 : 2006

TEST RESULTS OF FIBRE CONCENTRATION

Sl. No	Sampling Date	location	Static/Personal	Fibre Count (Nos)	Fibre Concentration (f/cc)
1	05.11.2024	Asbestos Storage Godown	Static	12	0.026
2	07.11.2024	Bag Opening Device	Personal	14	0.031
3	06.11.2024	Slurry Mixer	Static	8	0.018
4	06.11.2024	Sheeting Machine	Personal	8	0.018
5	08.11.2024	Corrugator	Personal	7	0.015
6	07.11.2024	Moulding Area	Personal	6	0.013
7	06.11.2024	Laboratory	Personal	5	0.011
8	04.11.2024	Loading Area	Static	7	0.015
9	04.11.2024	Near Main Gate	Static	5	0.011
10	07.11.2024	Segregation	Personal	6	0.013
11	07.11.2024	Salvage/Reclamation	Static	9	0.020
12	06.11.2024	Pulverizer	Personal	11	0.024

Remarks: Sampling is not done by the laboratory.



Tested by

E. Muthazhagan
(Test Engineer)

Authorized By

P. Kumaraguruparan
(Senior Manager Quality)

END OF THE REPORT

**TEST REPORT**

Test Certificate No. & Date	RIL/MTL/2024-2025/08/006 - 19/11/2024		
Status of Report	Full/ Partial		
Issue No./Amendment No.	01/00		
Customer Name	M/s Ramco Industries Limited,		
Customer Address	Sipcot Industrial Area, Gangaikondan, Tirunelveli, Tamil Nadu		
Reference No. if any	-		
Sample Description:			
Discipline	Chemical	Group/ Sub Group	Atmospheric Pollution/ Work Environment and Indoor air quality
Product	Airborne asbestos fibres	Flow Rate (ml/min)	10000
Source of Sample for testing	Supplied by the customer	Sample Receipt Date	16/11/2024
Sampling Duration	10 mins	Test Started Date	18/11/2024
Quantity of Sample	2 Nos	Test completed Date	19/11/2024
Condition of Sample	Acceptable	Test Method followed	IS 11450 : 2006

TEST RESULTS OF FIBRE CONCENTRATION

Sl. No	Sampling Date	location	Static/Personal	Fibre Count (Nos)	Fibre Concentration (f/cc)
1	08.11.2024	Fiber De-Stack	NA	4	0.021
2	08.11.2024	Pulverizer De-Stack	NA	3	0.016

Remarks: Sampling is not done by the laboratory.

Tested by
E. Muthazhagan
(Test Engineer)

Authorized By
P. Kumaraguruparan
(Senior Quality Manager)

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



TEST REPORT

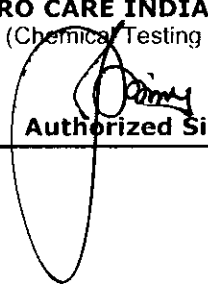
Accredited by NABL - Chemical & Biological

Report No :	ECI-AAQ-2024/12/055	Report Date :	09.12.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 04/12/2024	Sample Reference No :	ECI-AAQ-2024/12/055
Sample Drawn By :	ECI	Sample Received On :	05.12.2024
Sample Collected Date :	04.12.2024	Test Commenced On :	05.12.2024
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	09.12.2024
Sample Description :	Ambient Air	Sampling Method :	IS 5182:Part 14
Sample Mark:	Near Main Gate		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method:6015	400
2.	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4.	Benzo-a-Pyrene (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5.	Carbon Monoxide (as CO)	mg/m ³	< 1.2	IS 5182:Part 10	2.0
6.	Lead (as Pb)	µg/m ³	< 0.1	IS 5182:Part 22	1.0
7.	Nickel (as Ni)	ng/m ³	< 0.1	IS 5182:Part 22	20
8.	Nitrogen dioxide (as NO ₂)	µg/m ³	30.5	IS 5182:Part 06	80
9.	Ozone (as O ₃)	µg/m ³	< 9.8	IS 5182:Part 09	180
10.	Particulate Matter (PM _{2.5})	µg/m ³	31.7	IS 5182:Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	63.8	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	17.4	IS 5182:Part 02	80

Opinion: In the above mentioned location meets the requirements of CPCB standards with respect to the parameters tested.

<--- End of Report --->

Verified By : <i>K.K. Aji</i>	For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory)  Authorized Signatory
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#43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625016 Tel: 0452 4355103 /203
Email: lab@envirocareindia.com | Web: www.envirocareindia.com

Note: 1. The results relate only to the item tested.

2. Any Correction not attached shall invalidate this report.

3. Report shall not be removed from where extracted and shall remain same from any other party permission of the lab.

4. Users informed by us that the test items will not be valid if made the 10 days after the date of issue of test report.

5. The liability of our test shall be up to the date of issue of report.

6. Any dispute arising out of this report is subjected to Madurai jurisdiction only.





TEST REPORT

Accredited by NABL - Chemical & Biological

Report No :	ECI-AAQ-2024/12/053	Report Date :	09.12.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 04/12/2024	Sample Reference No :	ECI-AAQ-2024/12/053
Sample Drawn By :	ECI	Sample Received On :	05.12.2024
Sample Collected Date :	04.12.2024	Test Commenced On :	05.12.2024
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	09.12.2024
Sample Description :	Ambient Air	Sampling Method :	IS 5182:Part 14
Sample Mark:	Near Stack Yard		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method:6015	400
2.	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4.	Benzo-a-Pyrene (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5.	Carbon Monoxide (as CO)	mg/m ³	< 1.2	IS 5182:Part 10	2.0
6.	Lead (as Pb)	µg/m ³	< 0.1	IS 5182:Part 22	1.0
7.	Nickel (as Ni)	ng/m ³	< 0.1	IS 5182:Part 22	20
8.	Nitrogen dioxide (as NO ₂)	µg/m ³	24.3	IS 5182:Part 06	80
9.	Ozone (as O ₃)	µg/m ³	< 9.8	IS 5182:Part 09	180
10.	Particulate Matter (PM _{2.5})	µg/m ³	30.4	IS 5182:Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	68.3	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	11.5	IS 5182:Part 02	80

Opinion: In the above mentioned location meets the requirements of CPCB standards with respect to the parameters tested.

<--- End of Report --->

Verified By : *K.V. Ajith*

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)
[Signature]
Authorized Signatory



#43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625016 Tel: 0452 4355103 /203
Email: lab@envirocareindia.com | Web: www.envirocareindia.com

Note: 1. The results relate only to the item tested.
2. Any Correction not attested shall invalidate this report.
3. Report shall not be reproduced anywhere except in form and in any form without the prior written consent of the laboratory.
4. Unless informed by customer, the test items will not be held responsible for the results of the test.
5. Total liability of our laboratory is limited to the value of the test.
6. Any dispute arising out of this report is subjected to the jurisdiction of the court.





TEST REPORT

Accredited by NABL - Chemical & Biological

Report No :	ECI-AAQ-2024/12/052	Report Date :	09.12.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 04/12/2024	Sample Reference No :	ECI-AAQ-2024/12/052
Sample Drawn By :	ECI	Sample Received On :	05.12.2024
Sample Collected Date :	04.12.2024	Test Commenced On :	05.12.2024
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	09.12.2024
Sample Description :	Ambient Air	Sampling Method :	IS 5182:Part 14
Sample Mark:	Near Guest House		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method:6015	400
2.	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4.	Benzo-a-Pyrene (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5.	Carbon Monoxide (as CO)	mg/m ³	< 1.2	IS 5182:Part 10	2.0
6.	Lead (as Pb)	µg/m ³	< 0.1	IS 5182:Part 22	1.0
7.	Nickel (as Ni)	ng/m ³	< 0.1	IS 5182:Part 22	20
8.	Nitrogen dioxide (as NO ₂)	µg/m ³	26.6	IS 5182:Part 06	80
9.	Ozone (as O ₃)	µg/m ³	< 9.8	IS 5182:Part 09	180
10.	Particulate Matter (PM _{2.5})	µg/m ³	31.5	IS 5182:Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	57.3	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	9.5	IS 5182:Part 02	80

Opinion: In the above mentioned location meets the requirements of CPCB standards with respect to the parameters tested.

<--- End of Report --->

Verified By : <i>K.K. Ajith</i>	For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory) <i>[Signature]</i> Authorized Signatory
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#43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625016 Tel: 0452 4355103 /203

Email: lab@envirocareindia.com | Web: www.envirocareindia.com

Note: 1. The results given only to this report only.

2. Any Correction not attested shall invalid the report.

3. Report shall not be reissued for any other extension of time and for a sample collected on the same day of the report.

4. Unless informed by customer, the test results shall be reported as per the standard method used in the laboratory.

5. Total capacity of our laboratory is limited to the instrument range.

6. Any dispute arising out of this report is subjected to Madurai District Court.





TEST REPORT

Accredited by NABL - Chemical & Biological

Report No :	ECI-AAQ-2024/12/054	Report Date :	09.12.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 04/12/2024	Sample Reference No :	ECI-AAQ-2024/12/054
Sample Drawn By :	ECI	Sample Received On :	05.12.2024
Sample Collected Date :	04.12.2024	Test Commenced On :	05.12.2024
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	09.12.2024
Sample Description :	Ambient Air	Sampling Method :	IS 5182:Part 14
Sample Mark:	Near Asbestos Godown		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method:6015	400
2.	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4.	Benzo-a-Pyrene (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5.	Carbon Monoxide (as CO)	mg/m ³	< 1.2	IS 5182:Part 10	2.0
6.	Lead (as Pb)	µg/m ³	< 0.1	IS 5182:Part 22	1.0
7.	Nickel (as Ni)	ng/m ³	< 0.1	IS 5182:Part 22	20
8.	Nitrogen dioxide (as NO ₂)	µg/m ³	23.6	IS 5182:Part 06	80
9.	Ozone (as O ₃)	µg/m ³	< 9.8	IS 5182:Part 09	180
10.	Particulate Matter (PM _{2.5})	µg/m ³	32.4	IS 5182:Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	63.5	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	9.5	IS 5182:Part 02	80

Opinion: In the above mentioned location meets the requirements of CPCB standards with respect to the parameters tested.

<--- End of Report --->

Verified By : *K.V. Ajith*



For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

[Signature]
Authorized Signatory

#43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625016 Tel: 0452 4355103 /203
Email: lab@envirocareindia.com | Web: www.envirocareindia.com

Note: The results are only for this test report.

- Any change in the test method shall be intimated to the customer.
- Report shall not be reproduced anywhere except in the original and in the same format and content as the original report.
- Unless informed by customer, the test items will not be retained for more than 10 days from date of issue of test report.
- Total liability of our laboratory is limited to the value of amount.
- Any claim arising out of this report is subject to Madurai Jurisdiction.





TEST REPORT

Accredited by NABL : Chemical & Biological

Report No :	ECI-SM-2024/12/065	Report Date :	09.12.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 04/12/2024	Sample Reference No :	ECI-SM-2024/12/065
Sample Drawn By :	ECI	Sample Received On :	05.12.2024
Sample Collected Date :	04.12.2024	Test Commenced On :	05.12.2024
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	09.12.2024
Sample Description :	Stack	Sampling Method :	IS 11255 :Part 01
Sample Mark:	Fibre Mill Dust Collector – (Chimney)		

Stack Details:

S. No	Details	Unit	Value
1.	Port hole Height from G Level	m	5.0
2.	Stack Diameter at port hole	m	0.35
3.	Stack Height from G Level	m	26.0
4.	Ambient Temperature	°C	32

S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	94	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	< 0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	3052	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	10.6	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	< 1.0	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	1.8	IS 11255:Part 01	2.0
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

Opinion : In the above mentioned Parameter meets the requirements of TNPCB standards
NA – Not Applicable.

<--- End of Report --->

For ENVIRO CARE INDIA PRIVATE LIMITED
(Laboratory Division)

Verified By

K. V. Ajith



Authorized Signatory

[Signature]

#43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625016 Tel: 0452 4355103 /203
Email: lab@envirocareindia.com | Web: www.envirocareindia.com

Note: 1. The results apply only to the item tested.

2. Any alteration not attested shall be void and this report.

3. Results shall not be redone due to any errors, exceptions and mistakes made for the laboratory, customer, field and others.

4. Customer inform about the test and its results and inform about the test results and the test results.

5. The results of our laboratory is related to the test results.

6. Any dispute arising out of this report is subjected to Madurai District Court Only.





TEST REPORT

Accredited by NABL : Chemical & Biological

Report No :	ECI-SM-2024/12/064	Report Date :	09.12.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 04/12/2024	Sample Reference No :	ECI-SM-2024/12/064
Sample Drawn By :	ECI	Sample Received On :	05.12.2024
Sample Collected Date :	04.12.2024	Test Commenced On :	05.12.2024
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	09.12.2024
Sample Description :	Stack	Sampling Method :	IS 11255 :Part 01
Sample Mark:	Cement Fly Storage (Chimney)		

Stack Details:

S. No	Details	Unit	Value
1.	Port hole Height from G Level	m	5.0
2.	Stack Diameter at port hole	m	0.35
3.	Stack Height from G Level	m	23.5
4.	Ambient Temperature	°C	32

S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	59	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	< 0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	3002	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	9.4	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	< 1.0	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	44.5	IS 11255:Part 01	50
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

Opinion : In the above mentioned Parameter meets the requirements of TNPCB standards
NA – Not Applicable.

<--- End of Report --->

For **ENVIRO CARE INDIA PRIVATE LIMITED**
(Laboratory Division)

Verified By

R. V. Ajith



[Signature]
Authorized Signatory

#43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625016 Tel: 0452 4355103 /203
Email: lab@envirocareindia.com | Web: www.envirocareindia.com

Note: 1. The results are valid only to this item tested.
2. Any Copy of this report attested / shall be valid date till 3 months.
3. Report shall not be reproduced anywhere without info. and it is the same for all the reports.
4. The results of the test are for the test only and not for the purpose of the test.
5. The results of the test are for the test only and not for the purpose of the test.
6. Any dispute arising out of this report is subject to the final decision of the court.





TEST REPORT

Accredited by NABL - Chemical & Biological

Report No :	ECI-SM-2024/12/067	Report Date :	09.12.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 04/12/2024	Sample Reference No :	ECI-SM-2024/12/067
Sample Drawn By :	ECI	Sample Received On :	05.12.2024
Sample Collected Date :	04.12.2024	Test Commenced On :	05.12.2024
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	09.12.2024
Sample Description :	Stack	Sampling Method :	IS 11255 :Part 01
Sample Mark:	DG 750 KVA - (Chimney)		

Stack Details:

S. No	Details	Unit	Value
1.	Port hole Height from G Level	m	5.0
2.	Stack Diameter at port hole	m	0.30
3.	Stack Height from G Level	m	15.0
4.	Ambient Temperature	°C	32

S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	193	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	<0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	<0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	1442	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	8.7	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	28.7	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	35.8	IS 11255:Part 01	50
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	12.2	IS 11255:Part 02	NA

Opinion : In the above mentioned Parameter meets the requirements of TNPCB standards
NA - Not Applicable.

<--- End of Report --->

Verified By <i>K.V. Aijla</i>	For ENVIRO CARE INDIA PRIVATE LIMITED (Laboratory Division) <i>[Signature]</i> Authorized Signatory
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Email: lab@envirocareindia.com | Web: www.envirocareindia.com

Note: 1. The results relate only to this item tested.

2. Any correction or alteration shall be dated & signed.

3. Report shall not be reproduced anywhere except for use in the same form & must be accompanied by the original.

4. Enquiry informed to customer the test items, the price & the time taken for the test & the cost of the test.

5. Total liability of our laboratory is limited to the value of the test.

6. Any dispute arising out of this report is subject to T/A & shall be referred to the Court.





Accessed by NABU. On 07/08/2018 12:00:00

Report No :	ECI-SM-2024/12/069	Report Date :	09.12.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 04/12/2024	Sample Reference No :	ECI-SM-2024/12/069
Sample Drawn By :	ECI	Sample Received On :	05.12.2024
Sample Collected Date :	04.12.2024	Test Commenced On :	05.12.2024
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	09.12.2024
Sample Description :	Stack	Sampling Method :	IS 11255 :Part 01
Sample Mark:	DG 380 KVA - (Chimney)		

S. No	Details	Unit	Value
1.	Port hole Height from G Level	m	5.0
2.	Stack Diameter at port hole	m	0.30
3.	Stack Height from G Level	m	6.0
4.	Ambient Temperature	°C	32

S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	168	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	<0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	1534	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	8.7	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	27.4	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	43.6	IS 11255:Part 01	50
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	13.3	IS 11255:Part 02	NA

<--- End of Report --->

Verified By En. Ajith



Authorized Signatory

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Email: lab@envirocareindia.com Web: www.envirocareindia.com





TEST REPORT

Accredited by NABL - Chemicals & Biologicals

Report No :	ECI-SM-2024/12/066	Report Date :	09.12.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 04/12/2024	Sample Reference No :	ECI-SM-2024/12/066
Sample Drawn By :	ECI	Sample Received On :	05.12.2024
Sample Collected Date :	04.12.2024	Test Commenced On :	05.12.2024
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	09.12.2024
Sample Description :	Stack	Sampling Method :	IS 11255 :Part 01
Sample Mark:	Pulverizer Dust Collector (Chimney)		

Stack Details:

S. No	Details	Unit	Value
1.	Port hole Height from G Level	m	6.0
2.	Stack Diameter at port hole	m	0.40
3.	Stack Height from G Level	m	9.0
4.	Ambient Temperature	°C	32

S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	79	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	< 0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	4045	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	10.3	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	< 1.0	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	1.4	IS 11255:Part 01	2.0
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

Opinion : In the above mentioned Parameter meets the requirements of TNPCB standards
NA – Not Applicable.

<--- End of Report --->

For **ENVIRO CARE INDIA PRIVATE LIMITED**
(Laboratory Division)

Verified By *K.K. Ajith*



Authorized Signatory *[Signature]*

#43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625016 Tel: 0452 4355103 /203
Email: lab@envirocareindia.com | Web: www.envirocareindia.com

Note: 1. The test is valid only to the extent stated.

2. Any Correction or alteration shall be made in this report.

3. Report shall be valid only for the purpose stated in the report and shall not be used for any other purpose without the written consent of the laboratory.

4. Unless informed by customer, the test items will not be returned from the laboratory for any reason.

5. The liability of our laboratory is limited to the scope of the test.

6. Any dispute arising out of this report is subjected to Madurai District Court only.





TEST REPORT

Accredited by NABL - Chemicals & Environment

Report No :	ECI-SM-2024/12/068	Report Date :	09.12.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 04/12/2024	Sample Reference No :	ECI-SM-2024/12/068
Sample Drawn By :	ECI	Sample Received On :	05.12.2024
Sample Collected Date :	04.12.2024	Test Commenced On :	05.12.2024
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	09.12.2024
Sample Description :	Stack	Sampling Method :	IS 11255 :Part 01
Sample Mark:	Diesel Fired Drier-Silencer(Diesel)		

Stack Details:

S. No	Details	Unit	Value
1.	Port hole Height from G Level	m	5.0
2.	Stack Diameter at port hole	m	0.30
3.	Stack Height from G Level	m	6.0
4.	Ambient Temperature	°C	32

S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	161	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	<0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	1614	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	9.0	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	32.2	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	45.5	IS 11255:Part 01	50
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	17.4	IS 11255:Part 02	NA

Opinion : In the above mentioned Parameter meets the requirements of TNPCB standards
NA – Not Applicable.

<--- End of Report --->

For ENVIRO CARE INDIA PRIVATE LIMITED
(Laboratory Division)

Verified By

[Signature]



[Signature]
Authorized Signatory

#43, 2nd Street, Harvey Nagar, Arasarakudi, Madurai - 625016 Tel: 0452 4355103 /203
Email: lab@envirocareindia.com | Web: www.envirocareindia.com

Note:

- The results are valid only for the test performed.
- Any Correction and/or alteration shall be duly noted in this report.
- Report shall not be reproduced or used for any other purpose without the written permission of the laboratory.
- Unless informed by customer, the test items will not be repeated for free.
- The validity of all test results is limited to the date and time of test.
- Any dispute arising out of this report is subjected to Madurai Jurisdiction only.





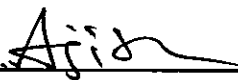
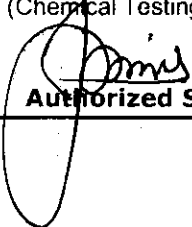
TEST REPORT

Accredited by NABL - Chemical & Biological

Report No :	ECI-NM-2024/12/031	Report Date :	09.12.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 04/12/2024	Sample Reference No :	ECI-NM-2024/12/031
Sample Description :	Noise	Monitoring Date :	04.12.2024
Monitored By :	ECI	Data Received On :	05.12.2024
S.No	Locations	Day Time	
		Minimum	Maximum
1.	Near Main Gate	62.6	64.3
2.	Admin Office Area	61.4	63.2
3.	Stack Yard Area	57.1	59.3
4.	Toilet Area	59.8	62.5
5.	Canteen Area	64.1	65.0
6.	DG Room	82.7	83.9
7.	Main Machine Area	87.1	88.7
8.	RM Section	76.2	78.1
9.	Stripping Machine Area	86.6	88.4
10.	Work Shop Area	74.1	78.5
Unit		dB (A)	
Max. Permissible Limit for Noise (Factories Rules, 1950)		90	
Reference Method		IS 9989	

Opinion: In the above mentioned locations meets the requirements of Factories Act Rules

<--- End of Report --->

Verified By : 	For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory)  Authorized Signatory
---	---



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Note: 1. The results are only valid as indicated.
2. Any discrepancy not reported shall be deemed as correct.
3. Report shall not be reproduced anywhere except where and in the same form as that with which the report is on the original.
4. Unless informed by customer for test terms, conditions, data, etc. for compliance with the test results.
5. This lab is not responsible for any third party's use of the data.
6. Any dispute arising out of this report is subjected to the jurisdiction of the court.





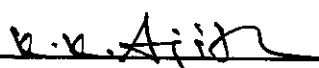
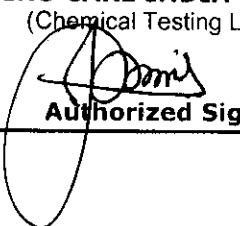
TEST REPORT

Accredited by NABL - Chemical & Biological

Report No :	ECI-NM-2024/12/032	Report Date :	09.12.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 04/12/2024	Sample Reference No :	ECI-NM-2024/12/032
Sample Description :	Noise	Monitoring Date :	04.12.2024
Monitored By :	ECI	Data Received On :	05.12.2024
S.No	Locations	Night Time	
		Minimum	Maximum
1.	Near Main Gate	56.2	57.1
2.	Admin Office Area	57.6	61.2
3.	Stack Yard Area	53.7	55.0
4.	Toilet Area	54.3	56.8
5.	Canteen Area	49.1	53.6
6.	DG Room	61.2	64.6
7.	Main Machine Area	83.4	85.7
8.	RM Section	64.1	66.8
9.	Stripping Machine Area	69.4	71.3
10.	Work Shop Area	60.8	62.9
Unit		dB (A)	
Max. Permissible Limit for Noise (Factories Rules, 1950)		90	
Reference Method		IS 9989	

Opinion : In the above mentioned locations meets the requirements of Factories Act Rules.

<--- End of Report --->

Verified By : 		For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory)  Authorized Signatory
---	---	--

#43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625016 Tel: 0452 4355103 /203
Email: lab@envirocareindia.com | Web: www.envirocareindia.com

Note: 1. The results relate only to the test(s) specified.
2. Any Complaint must be lodged within 15 days of the test report.
3. The report shall not be used for any purpose other than the one for which it was issued.
4. The test results are the property of the laboratory and shall not be used for any other purpose.
5. The liability of the laboratory is limited to the scope of the test.
6. Any dispute arising out of the report is subject to the jurisdiction of the court.





TEST REPORT

Accredited by NABL - Chemical & Biological

Report No :	ECI-IAQ-2024/12/039	Report Date :	09.12.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 04/12/2024	Sample Reference No :	ECI-IAQ-2024/12/039
Sample Drawn By :	ECI	Sample Received On :	05.12.2024
Sample Collected Date :	04.12.2024	Test Commenced On :	05.12.2024
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	09.12.2024
Sample Description :	Fugitive Emission	Sampling Method :	IS 5182:Part 14
Sample Mark:	RM Stock Area		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Nitrogen dioxide (as NO ₂)	µg/m ³	22.3	IS 5182:Part 06	80
2.	Particulate Matter (PM _{2.5})	µg/m ³	31.2	IS 5182:Part:24	60
3.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	63.5	IS 5182:Part 23	100
4.	Sulphur Dioxide (as SO ₂)	µg/m ³	12.5	IS 5182:Part 02	80

Opinion: In the above mentioned location meets the requirements of CPCB standards with respect to the parameters tested.

<--- End of Report --->

For **ENVIRO CARE INDIA PRIVATE LIMITED**
(Chemical Testing Laboratory)

Verified By :

[Signature]



[Signature]
Authorized Signatory

#43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625016 Tel: 0452 4355103 /203
Email: lab@envirocareindia.com | Web: www.envirocareindia.com

Note: 1. The results are only valid for the parameters tested.

2. Any alterations not allowed and invalidate the report.

3. Report shall not be reproduced in any other excepted form and in the same format and time period as of the original.

4. Only as information, customer the test items, and not the test results, shall be responsible for any other effect.

5. Total liability of our laboratory is limited to the value of amount.

6. Any dispute arising out of the report is subjected to Madurai Jurisdiction Only.





TEST REPORT

Accredited by NABL - Chemical & Biological

Report No :	ECI-IAQ-2024/12/040	Report Date :	09.12.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 04/12/2024	Sample Reference No :	ECI-IAQ-2024/12/040
Sample Drawn By :	ECI	Sample Received On :	05.12.2024
Sample Collected Date :	04.12.2024	Test Commenced On :	05.12.2024
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	09.12.2024
Sample Description :	Fugitive Emission	Sampling Method :	IS 5182:Part 14
Sample Mark:	Cement & Fly Ash Handling Area		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Nitrogen dioxide (as NO ₂)	µg/m ³	27.4	IS 5182:Part 06	80
2.	Particulate Matter (PM _{2.5})	µg/m ³	30.5	IS 5182:Part:24	60
3.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	72.3	IS 5182:Part 23	100
4.	Sulphur Dioxide (as SO ₂)	µg/m ³	12.4	IS 5182:Part 02	80

Opinion: In the above mentioned location meets the requirements of CPCB standards with respect to the parameters tested.

<--- End of Report --->

Verified By : <i>K.K. Ajith</i>	For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory) <i>[Signature]</i> Authorized Signatory
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Note: 1. The results are only valid for the parameters tested.

2. All the samples should be properly labeled and dated.

3. Report shall not be reproduced anywhere except in full and in the same format without the permission of the laboratory.

4. All the samples should be kept in the test chamber for 24 hours before the test results are reported.

5. The report is the property of the laboratory and is not to be used for any other purpose.

6. Any dispute arising out of this report is subjected to Madurai jurisdiction only.



**TEST REPORT**

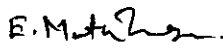
Test Certificate No. & Date	RIL/MTL/2024-2025/09/003 & 20/12/2024		
Status of Report	Full/ Partial		
Issue No./Amendment No.	01/00		
Customer Name	M/s Ramco Industries Limited,		
Customer Address	Sipcot Industrial Area, Gangaikondan, Tirunelveli, Tamil Nadu		
Reference No. if any	-		
<u>Sample Description:</u>			
Discipline	Chemical	Group/ Sub Group	Atmospheric Pollution/ Work Environment and Indoor air quality
Product	Airborne asbestos fibres	Flow Rate (ml/min)	1000
Source of Sample for testing	Supplied by the customer	Sample Receipt Date	13/12/2024
Sampling Duration	240 mins	Test Started Date	19/12/2024
Quantity of Sample	12 Nos	Test completed Date	20/12/2024
Condition of Sample	Acceptable	Test Method followed	IS 11450 : 2006

TEST RESULTS OF FIBRE CONCENTRATION

Sl. No	Sampling Date	location	Static/Personal	Fibre Count (Nos)	Fibre Concentration (f/cc)
1	04.12.2024	Asbestos Storage Godown	Static	14	0.031
2	08.12.2024	Bag Opening Device	Personal	16	0.035
3	06.12.2024	Slurry Mixer	Static	8	0.018
4	06.12.2024	Sheeting Machine	Personal	9	0.020
5	09.12.2024	Corrugator	Personal	8	0.018
6	07.12.2024	Moulding Area	Personal	9	0.020
7	06.12.2024	Laboratory	Personal	6	0.013
8	08.12.2024	Loading Area	Static	7	0.015
9	08.12.2024	Near Main Gate	Static	5	0.011
10	05.12.2024	Segregation	Personal	7	0.015
11	05.12.2024	Salvage/Reclamation	Static	12	0.026
12	04.12.2024	Pulverizer	Personal	13	0.029

Remarks:

- All the above parameters are performed in permanent facility only
- Sampling is not done by the laboratory.


Tested by

E. Muthazhagan
(Test Engineer)



Authorized By
P. Kumaraguruparan
(Senior Manager Quality)

END OF THE REPORT

Note: Test Report shall not be reproduced except in full, without approval of the laboratory. This report relates only to the particular sample submitted for test. Sample will be destroyed after 30 days from the date of issue of certificate unless instructed otherwise. Any complaints about this report should be communicated within 10 days of the issue of this report

Ramco Industries Limited
(Material Testing Laboratory)

Address: No.17, Winterpet Post, Arakkonam, Vellore, Tamil Nadu,
Pin code-631 005, Phone No. 04177 224932.

TEST REPORT

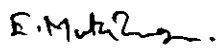
Test Certificate No. & Date	RIL/MTL/2024-2025/09/003A & 20/12/2024		
Status of Report	Full/ Partial		
Issue No./Amendment No.	01/00		
Customer Name	M/s Ramco Industries Limited,		
Customer Address	Sipcot Industrial Area, Gangaikondan, Tirunelveli, Tamil Nadu		
Reference No. if any	-		
<u>Sample Description:</u>			
Discipline	Chemical	Group/ Sub Group	Atmospheric Pollution/ Work Environment and Indoor air quality
Product	Airborne asbestos fibres	Flow Rate (ml/min)	10000
Source of Sample for testing	Supplied by the customer	Sample Receipt Date	13/12/2024
Sampling Duration	10 mins	Test Started Date	19/12/2024
Quantity of Sample	2 Nos	Test completed Date	20/12/2024
Condition of Sample	Acceptable	Test Method followed	IS 11450 : 2006

TEST RESULTS OF FIBRE CONCENTRATION

Sl. No	Sampling Date	Location	Static/Personal	Fibre Count (Nos)	Fibre Concentration (f/cc)
1	06.12.2024	Fiber De-Stack	NA	4	0.021
2	06.12.2024	Pulverizer De-Stack	NA	4	0.021

Remarks:

- All the above parameters are performed in permanent facility only
- Sampling is not done by the laboratory.


Tested by
E. Muthazhagan
(Test Engineer)


Authorized By
P. Kumaraguruparan
(Senior Quality Manager)

END OF THE REPORT

Note: Test Report shall not be reproduced except in full, without approval of the laboratory. This report relates only to the particular sample submitted for test. Sample will be destroyed after 30 days from the date of issue of certificate unless instructed otherwise. Any complaints about this report should be communicated within 10 days of the issue of this report



TEST REPORT

Accredited by NABL (Chemical & Biological)

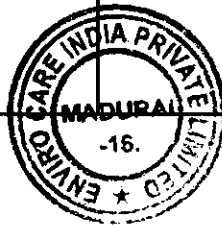
Report No :	ECI-AAQ-2025/01/004	Report Date :	04.01.2025
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 01/01/2025	Sample Reference No :	ECI-AAQ-2025/01/004
Sample Drawn By :	ECI	Sample Received On :	02.01.2025
Sample Collected Date :	01.01.2025	Test Commenced On :	02.01.2025
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	04.01.2025
Sample Description :	Ambient Air	Sampling Method :	IS 5182:Part 14
Sample Mark:	Near Main Gate		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method:6015	400
2.	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4.	Benzo-a-Pyrene (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5.	Carbon Monoxide (as CO)	mg/m ³	< 1.2	IS 5182:Part 10	2.0
6.	Lead (as Pb)	µg/m ³	< 0.1	IS 5182:Part 22	1.0
7.	Nickel (as Ni)	ng/m ³	< 0.1	IS 5182:Part 22	20
8.	Nitrogen dioxide (as NO ₂)	µg/m ³	32.6	IS 5182:Part 06	80
9.	Ozone (as O ₃)	µg/m ³	< 9.8	IS 5182:Part 09	180
10.	Particulate Matter (PM _{2.5})	µg/m ³	33.8	IS 5182:Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	65.4	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	18.1	IS 5182:Part 02	80

Opinion: In the above mentioned location meets the requirements of CPCB standards with respect to the parameters tested.

<--- End of Report --->

Verified By : <i>K. R. Arif</i>	For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory) <i>[Signature]</i> Authorized Signatory
---------------------------------	--



#43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625016 Tel: 0452 4355103
Email: lab@envirocareindia.com | Web: www.envirocareindia.com

- Note:**
1. The results relate only to this item tested.
 2. Any Correction or not attested shall invalidate this report.
 3. Report shall not be reproduced anywhere except in full and in the same format without the permission of this laboratory.
 4. Unless informed by customer, the test items will not be retained for more than 15 days from date of issue of test report.
 5. Total liability of our laboratory is limited to the invoice amount.
 6. Any dispute arising out of this report is subjected to Madurai Jurisdiction Only.





TEST REPORT

Accredited by NABL (Chemical & Biological)

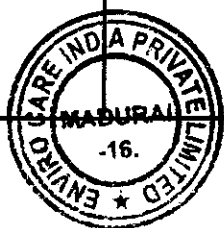
Report No :	ECI-AAQ-2025/01/002	Report Date :	04.01.2025
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 01/01/2025	Sample Reference No :	ECI-AAQ-2025/01/002
Sample Drawn By :	ECI	Sample Received On :	02.01.2025
Sample Collected Date :	01.01.2025	Test Commenced On :	02.01.2025
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	04.01.2025
Sample Description :	Ambient Air	Sampling Method :	IS 5182:Part 14
Sample Mark:	Near Stack Yard		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method:6015	400
2.	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4.	Benzo-a-Pyrene (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5.	Carbon Monoxide (as CO)	mg/m ³	< 1.2	IS 5182:Part 10	2.0
6.	Lead (as Pb)	µg/m ³	< 0.1	IS 5182:Part 22	1.0
7.	Nickel (as Ni)	ng/m ³	< 0.1	IS 5182:Part 22	20
8.	Nitrogen dioxide (as NO ₂)	µg/m ³	26.9	IS 5182:Part 06	80
9.	Ozone (as O ₃)	µg/m ³	< 9.8	IS 5182:Part 09	180
10.	Particulate Matter (PM _{2.5})	µg/m ³	32.6	IS 5182:Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	70.5	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	13.2	IS 5182:Part 02	80

Opinion: In the above mentioned location meets the requirements of CPCB standards with respect to the parameters tested.

<--- End of Report --->

Verified By : <i>K. K. Ajith</i>	For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory) <i>[Signature]</i> Authorized Signatory
----------------------------------	--



#43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625016 Tel: 0452 4355103
Email: lab@envirocareindia.com | Web: www.envirocareindia.com

Note: 1. The results relate only to this item tested.

2. Any Correction not attested shall invalidate this report.

3. Report shall not be reproduced anywhere except in full and in the same form without the permission of this laboratory.

4. Unless informed by customer, the test items will not be retained for more than 15 days from date of issue of test report.

5. Total liability of our laboratory is limited to the invoice amount.

6. Any dispute arising out of this report is subjected to Madurai Jurisdiction Only.





TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-AAQ-2025/01/001	Report Date :	04.01.2025
Customer Name & Address	M/s. Ramco Industries Ltd Plot No: 12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 01/01/2025	Sample Reference No :	ECI-AAQ-2025/01/001
Sample Drawn By :	ECI	Sample Received On :	02.01.2025
Sample Collected Date :	01.01.2025	Test Commenced On :	02.01.2025
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	04.01.2025
Sample Description :	Ambient Air	Sampling Method :	IS 5182:Part 14
Sample Mark:	Near Guest House		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method:6015	400
2.	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4.	Benzo-a-Pyrene (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5.	Carbon Monoxide (as CO)	mg/m ³	< 1.2	IS 5182:Part 10	2.0
6.	Lead (as Pb)	µg/m ³	< 0.1	IS 5182:Part 22	1.0
7.	Nickel (as Ni)	ng/m ³	< 0.1	IS 5182:Part 22	20
8.	Nitrogen dioxide (as NO ₂)	µg/m ³	28.6	IS 5182:Part 06	80
9.	Ozone (as O ₃)	µg/m ³	< 9.8	IS 5182:Part 09	180
10.	Particulate Matter (PM _{2.5})	µg/m ³	33.4	IS 5182:Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	59.8	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	10.7	IS 5182:Part 02	80

Opinion: In the above mentioned location meets the requirements of CPCB standards with respect to the parameters tested.

<--- End of Report --->

Verified By : <i>K. K. Arjun</i>	For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory) <i>[Signature]</i> Authorized Signatory
----------------------------------	--



#43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625016 Tel: 0452 4355103
Email: lab@envirocareindia.com | Web: www.envirocareindia.com

Note: 1. The results relate only to this item tested

2. Any Correction not attested shall invalidate this report.

3. Report shall not be reproduced anywhere without prior written permission of the laboratory.

4. Unless informed by customer, the test items will not be retained for more than 10 days from date of issue of test report.

5. Total liability of our laboratory is limited to the invoice amount.

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TEST REPORT

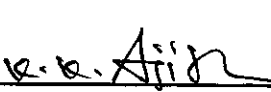
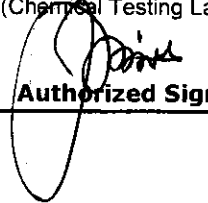
Accredited by NABL (Chemical & Biological)

Report No :	ECI-AAQ-2025/01/003	Report Date :	04.01.2025
Customer Name & Address	M/s. Ramco Industries Ltd Plot No: 12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 01/01/2025	Sample Reference No :	ECI-AAQ-2025/01/003
Sample Drawn By :	ECI	Sample Received On :	02.01.2025
Sample Collected Date :	01.01.2025	Test Commenced On :	02.01.2025
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	04.01.2025
Sample Description :	Ambient Air	Sampling Method :	IS 5182:Part 14
Sample Mark:	Near Asbestos Godown		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method:6015	400
2.	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4.	Benzo-a-Pyrene (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5.	Carbon Monoxide (as CO)	mg/m ³	< 1.2	IS 5182:Part 10	2.0
6.	Lead (as Pb)	µg/m ³	< 0.1	IS 5182:Part 22	1.0
7.	Nickel (as Ni)	ng/m ³	< 0.1	IS 5182:Part 22	20
8.	Nitrogen dioxide (as NO ₂)	µg/m ³	25.8	IS 5182:Part 06	80
9.	Ozone (as O ₃)	µg/m ³	< 9.8	IS 5182:Part 09	180
10.	Particulate Matter (PM _{2.5})	µg/m ³	34.4	IS 5182:Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	65.6	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	10.4	IS 5182:Part 02	80

Opinion: In the above mentioned location meets the requirements of CPCB standards with respect to the parameters tested.

<--- End of Report --->

Verified By : 	For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory)  Authorized Signatory
---	--



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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2025/01/002	Report Date :	04.01.2025
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 01/01/2025	Sample Reference No :	ECI-SM-2025/01/002
Sample Drawn By :	ECI	Sample Received On :	02.01.2025
Sample Collected Date :	01.01.2025	Test Commenced On :	02.01.2025
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	04.01.2025
Sample Description :	Stack	Sampling Method :	IS 11255 :Part 01
Sample Mark:	Fiber Mill Dust Collector – (Chimney)		

Stack Details:

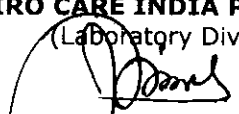
S. No	Details	Unit	Value
1.	Port hole Height from G Level	m	5.0
2.	Stack Diameter at port hole	m	0.35
3.	Stack Height from G Level	m	26.0
4.	Ambient Temperature	°C	32

S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	93	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	< 0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	2648	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	9.2	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	< 1.0	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	1.6	IS 11255:Part 01	2.0
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

Opinion : In the above mentioned Parameter meets the requirements of TNPCB standards

NA – Not Applicable.

<--- End of Report --->

Verified By 	For ENVIRO CARE INDIA PRIVATE LIMITED (Laboratory Division)  Authorized Signatory
---	--

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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2025/01/001	Report Date :	04.01.2025
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 01/01/2025	Sample Reference No :	ECI-SM-2025/01/001
Sample Drawn By :	ECI	Sample Received On :	02.01.2025
Sample Collected Date :	01.01.2025	Test Commenced On :	02.01.2025
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	04.01.2025
Sample Description :	Stack	Sampling Method :	IS 11255 :Part 01
Sample Mark:	Cement Fly Storage (Chimney)		

Stack Details:

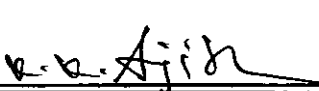
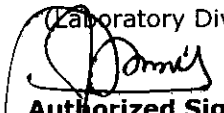
S. No	Details	Unit	Value
1.	Port hole Height from G Level	m	5.0
2.	Stack Diameter at port hole	m	0.35
3.	Stack Height from G Level	m	23.5
4.	Ambient Temperature	°C	32

S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	57	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	< 0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	2788	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	8.7	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	< 1.0	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	47.5	IS 11255:Part 01	50
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

Opinion : In the above mentioned Parameter meets the requirements of TNPCB standards

NA -- Not Applicable.

<--- End of Report --->

Verified By 	For ENVIRO CARE INDIA PRIVATE LIMITED (Laboratory Division)  Authorized Signatory
---	---

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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2025/01/004	Report Date :	04.01.2025
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 01/01/2025	Sample Reference No :	ECI-SM-2025/01/004
Sample Drawn By :	ECI	Sample Received On :	02.01.2025
Sample Collected Date :	01.01.2025	Test Commenced On :	02.01.2025
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	04.01.2025
Sample Description :	Stack	Sampling Method :	IS 11255 :Part 01
Sample Mark:	DG 750 KVA - (Chimney)		

Stack Details:

S. No	Details	Unit	Value
1.	Port hole Height from G Level	m	5.0
2.	Stack Diameter at port hole	m	0.30
3.	Stack Height from G Level	m	15.0
4.	Ambient Temperature	°C	32

S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	192	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	<0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	<0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	1720	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	10.3	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	30.5	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	37.4	IS 11255:Part 01	50
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	14.2	IS 11255:Part 02	NA

Opinion : In the above mentioned Parameter meets the requirements of TNPCB standards
NA - Not Applicable.

<--- End of Report --->

Verified By <i>K. V. Arish</i>	For ENVIRO CARE INDIA PRIVATE LIMITED (Laboratory Division) <i>[Signature]</i> Authorized Signatory
--------------------------------	--

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TEST REPORT

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Report No :	ECI-SM-2025/01/005	Report Date :	04.01.2025		
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangalkondan, Tirunelveli Dist-627352.				
Customer Reference :	IWO Date: 01/01/2025	Sample Reference No :	ECI-SM-2025/01/005		
Sample Drawn By :	ECI	Sample Received On :	02.01.2025		
Sample Collected Date :	01.01.2025	Test Commenced On :	02.01.2025		
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	04.01.2025		
Sample Description :	Stack	Sample No. / Method :	IS 11255 :Part 01		
Sample Mark :	DG 380 KVA - (Chimney)				
Stack Details:					
S. No	Details	Unit	Value		
1.	Port hole Height from G Level	m	5.0		
2.	Stack Diameter at port hole	m	0.30		
3.	Stack Height from G Level	m	6.0		
4.	Ambient Temperature	°C	32		
S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Maximum permissible TNPCB limits for General Emission Standards
1.	Stack Temperature	°C	172	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	<0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	1527	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	8.8	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	24.6	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	37.4	IS 11255:Part 01	50
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	11.2	IS 11255:Part 02	NA
Opinion : In the above mentioned Parameter meets the requirements of TNPCB standards NA - Not Applicable.					
<--- End of Report --->					
For ENVIRO CARE INDIA PRIVATE LIMITED (Laboratory Division)					
Verified By			 Authorized Signatory		

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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2025/01/003	Report Date :	04.01.2025
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 01/01/2025	Sample Reference No :	ECI-SM-2025/01/003
Sample Drawn By :	ECI	Sample Received On :	02.01.2025
Sample Collected Date :	01.01.2025	Test Commenced On :	02.01.2025
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	04.01.2025
Sample Description :	Stack	Sampling Method :	IS 11255 :Part 01
Sample Mark:	Pulverizer Dust Collector (Chimney)		

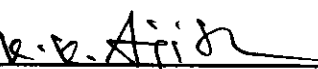
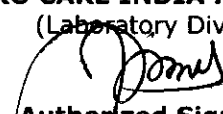
Stack Details:

S. No	Details	Unit	Value
1.	Port hole Height from G Level	m	6.0
2.	Stack Diameter at port hole	m	0.40
3.	Stack Height from G Level	m	9.0
4.	Ambient Temperature	°C	32

S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	76	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	< 0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	3540	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	8.9	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	< 1.0	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	1.5	IS 11255:Part 01	2.0
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

Opinion : In the above mentioned Parameter meets the requirements of TNPCB standards
NA -- Not Applicable.

<--- End of Report --->

Verified By 	For ENVIRO CARE INDIA PRIVATE LIMITED (Laboratory Division)  Authorized Signatory
---	--

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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No.:	ECI-SM-2025/01/006	Report Date:	04.01.2025		
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcol Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.				
Customer Reference:	IWO Date: 01/01/2025	Sample Reference No.:	ECI-SM-2025/01/006		
Sample Drawn By:	ECI	Sample Received On:	02.01.2025		
Sample Collected Date:	01.01.2025	Test Commenced On:	02.01.2025		
Qty of Sample Received:	Thimble & 50 ml Soln	Test Completed On:	04.01.2025		
Sample Description:	Stack	Sampling Method:	IS 11255 :Part 01		
Sample Mark:	Diesel Fired Drier-Silencer(Diesel)				
Stack Details:					
S. No.	Details	Unit	Value		
1.	Port hole Height from G Level	m	5.0		
2.	Stack Diameter at port hole	m	0.30		
3.	Stack Height from G Level	m	6.0		
4.	Ambient Temperature	°C	32		
S. No.	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max Permissible TNPCB (norme for General Emission Standards)
1.	Stack Temperature	°C	178	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	< 0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	1517	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	8.8	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	34.6	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	42.9	IS 11255:Part 01	50
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	19.2	IS 11255:Part 02	NA
Opinion : In the above mentioned Parameter meets the requirements of TNPCB standards NA – Not Applicable.					
<--- End of Report --->					
Verified By		For ENVIRO CARE INDIA PRIVATE LIMITED (Laboratory Division) Authorized Signatory			

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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-NM-2025/01/001	Report Date :	04.01.2025
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 01/01/2025	Sample Reference No :	ECI-NM-2025/01/001
Sample Description :	Noise	Monitoring Date :	01.01.2025
Monitored By :	ECI	Data Received On :	02.01.2025

S.No	Locations	Day Time	
		Minimum	Maximum
1.	Near Main Gate	62.1	64.2
2.	Admin Office Area	61.0	63.1
3.	Stack Yard Area	57.0	60.1
4.	Toilet Area	59.7	62.4
5.	Canteen Area	64.8	65.3
6.	DG Room	82.6	83.8
7.	Main Machine Area	87.2	87.6
8.	RM Section	76.1	79.2
9.	Stripping Machine Area	86.3	88.7
10.	Work Shop Area	74.1	77.3

Unit	dB (A)
Max. Permissible Limit for Noise (Factories Rules, 1950)	90
Reference Method	IS 9989

Opinion: In the above mentioned locations meets the requirements of Factories Act Rules

<--- End of Report --->

Verified By : <i>K. V. Ajith</i>	For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory) <i>[Signature]</i> Authorized Signatory
---	--

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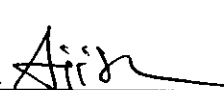
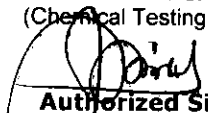
Report No :	ECI-NM-2025/01/002	Report Date :	04.01.2025
Customer Name & Address	M/s. Ramco Industries Ltd Plot No: 12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 01/01/2025	Sample Reference No :	ECI-NM-2025/01/002
Sample Description :	Noise	Monitoring Date :	01.01.2025
Monitored By :	ECI	Data Received On :	02.01.2025

S.No	Locations	Night Time	
		Minimum	Maximum
1.	Near Main Gate	56.4	57.8
2.	Admin Office Area	57.5	61.8
3.	Stack Yard Area	53.4	55.9
4.	Toilet Area	54.3	56.8
5.	Canteen Area	48.9	53.2
6.	DG Room	61.4	64.7
7.	Main Machine Area	83.5	85.6
8.	RM Section	64.0	68.1
9.	Stripping Machine Area	69.5	70.8
10.	Work Shop Area	60.7	62.4

Unit	dB (A)
Max. Permissible Limit for Noise (Factories Rules, 1950)	90
Reference Method	IS 9989

Opinion : In the above mentioned locations meets the requirements of Factories Act Rules.

<--- End of Report --->

Verified By : 	For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory)  Authorized Signatory
--	--



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TEST REPORT

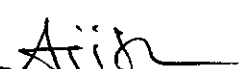
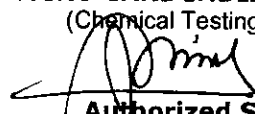
Accredited by NABL (Chemical & Biological)

Report No :	ECI-IAQ-2025/01/004	Report Date :	04.01.2025
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 01/01/2025	Sample Reference No :	ECI-IAQ-2025/01/004
Sample Drawn By :	ECI	Sample Received On :	02.01.2025
Sample Collected Date :	01.01.2025	Test Commenced On :	02.01.2025
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	04.01.2025
Sample Description :	Fugitive Emission	Sampling Method :	IS 5182:Part 14
Sample Mark:	RM Stock Area		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Nitrogen dioxide (as NO ₂)	µg/m ³	21.2	IS 5182:Part 06	80
2.	Particulate Matter (PM _{2.5})	µg/m ³	25.8	IS 5182:Part:24	60
3.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	66.3	IS 5182:Part 23	100
4.	Sulphur Dioxide (as SO ₂)	µg/m ³	10.9	IS 5182:Part 02	80

Opinion: In the above mentioned location meets the requirements of CPCB standards with respect to the parameters tested.

<--- End of Report --->

Verified By : 	For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory)  Authorized Signatory
---	---



#43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625016 Tel: 0452 4355103 /203
Email: lab@envirocareindia.com | Web: www.envirocareindia.com

Note: 1. The results are valid only to the item tested.
2. Any other direction not tested shall not include this report.
3. Report shall not be reproduced or any other use except for legal and in the same form without the permission of the laboratory.
4. Unless informed by customer, the test results will not be retained for more than 15 days from date of issue of this report.
5. Total liability of our laboratory is limited to the invoice amount.
6. Any dispute arising out of this report is subjected to Madurai Jurisdiction Only.





TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-IAQ-2025/01/003	Report Date :	04.01.2025
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 01/01/2025	Sample Reference No :	ECI-IAQ-2025/01/003
Sample Drawn By :	ECI	Sample Received On :	02.01.2025
Sample Collected Date :	01.01.2025	Test Commenced On :	02.01.2025
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	04.01.2025
Sample Description :	Fugitive Emission	Sampling Method :	IS 5182:Part 14
Sample Mark:	Cement & Fly Ash Handling Area		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Nitrogen dioxide (as NO ₂)	µg/m ³	25.5	IS 5182:Part 06	80
2.	Particulate Matter (PM _{2.5})	µg/m ³	28.3	IS 5182:Part:24	60
3.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	64.8	IS 5182:Part 23	100
4.	Sulphur Dioxide (as SO ₂)	µg/m ³	10.3	IS 5182:Part 02	80

Opinion: In the above mentioned location meets the requirements of CPCB standards with respect to the parameters tested.

<--- End of Report --->

Verified By : <i>K.K. Ajith</i>		For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory) <i>[Signature]</i> Authorized Signatory
---------------------------------	---	--

#43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625016 Tel: 0452 4355103 /203
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Note: 1. The results are valid only to this item tested.
2. Any further test or retest should be taken at a separate report.
3. Report data and sample details are prepared in test data sheet in the same folder as report and are accessible to the laboratory.
4. Unless informed by customer, the test item is not to be retained for more than 10 days from date of issue of test report.
5. Total liability of our laboratory is limited to the invoice amount.
6. Any dispute arising out of this report is subject to Madurai jurisdiction only.



**(Material Testing Laboratory)**

Address: No.17, Winterpet Post, Arakkonam, Tamil Nadu, India.

Pin code-631 005, Phone No. 04177 224932.

TEST REPORT

Test Certificate No. & Date	RIL/MTL/2024-2025/10/005 & 18/01/2025		
Status of Report	Full		
Issue No./Amendment No.	01/00		
Customer Name	M/s Ramco Industries Limited,		
Customer Address	Sipcot Industrial Area, Gangaikondan, Tirunelveli, Tamil Nadu		
Reference No. if any	-		
<u>Sample Description:</u>			
Discipline	Chemical	Group/ Sub Group	Atmospheric Pollution/ Work Environment and Indoor air quality
Product	Airborne asbestos fibres	Flow Rate (ml/min)	1000
Place of Sample for testing	Supplied by the customer	Sample Receipt Date	06/01/2025
Sampling Duration	240 mins	Test Started Date	17/01/2025
Quantity of Sample	12 Nos	Test completed Date	18/01/2025
Condition of Sample	Acceptable	Test Method followed	IS 11450 : 2006

TEST RESULTS OF FIBRE CONCENTRATION

Sl. No	Sampling Date	location	Static/Personal	Fibre Count (Nos)	Fibre Concentration (f/cc)
1	01.01.2025	Asbestos Storage Godown	Static	11	0.024
2	01.01.2025	Bag Opening Device	Personal	15	0.033
3	03.01.2025	Slurry Mixer	Static	9	0.020
4	02.01.2025	Sheeting Machine	Personal	7	0.015
5	02.01.2025	Corrugator	Personal	8	0.018
6	02.01.2025	Moulding Area	Personal	9	0.020
7	03.01.2025	Laboratory	Personal	7	0.015
8	03.01.2025	Loading Area	Static	9	0.020
9	02.01.2025	Near Main Gate	Static	6	0.013
10	02.01.2025	Segregation	Personal	8	0.018
11	03.01.2025	Salvage/Reclamation	Static	14	0.031
12	02.01.2025	Pulverizer	Personal	15	0.033

Remarks:

- All the above parameters are performed in permanent facility only
- Sampling is not done by the laboratory.

Tested by

E. Muthazhagan
(Test Engineer)

Authorized By

S. Jayaprakash
(Lab Head)*****END OF THE REPORT*****

Note: Test Report shall not be reproduced except in full, without approval of the laboratory. This report relates only to the particular sample submitted for test. Sample will be destroyed after 30 days from the date of issue of certificate unless instructed otherwise. Any complaints about this report should be communicated within 10 days of the issue of this report

**(Material Testing Laboratory)**

Address: No.17, Winterpet Post, Arakkonam, Tamil Nadu, India.

Pin code-631 005, Phone No. 04177 224932.

TEST REPORT

Test Certificate No. & Date	RIL/MTL/2024-2025/10/005A & 18/01/2025		
Status of Report	Full		
Issue No./Amendment No.	01/00		
Customer Name	M/s Ramco Industries Limited,		
Customer Address	Sipcot Industrial Area, Gangaikondan, Tirunelveli, Tamil Nadu		
Reference No. if any	-		
<u>Sample Description:</u>			
Discipline	Chemical	Group/ Sub Group	Atmospheric Pollution/ Work Environment and Indoor air quality
Product	Airborne asbestos fibres	Flow Rate (ml/min)	10000
Source of Sample for testing	Supplied by the customer	Sample Receipt Date	06/01/2025
Sampling Duration	10 mins	Test Started Date	17/01/2025
Quantity of Sample	2 Nos	Test completed Date	18/01/2025
Condition of Sample	Acceptable	Test Method followed	IS 11450 : 2006

TEST RESULTS OF FIBRE CONCENTRATION

Sl. No	Sampling Date	location	Static/Personal	Fibre Count (Nos)	Fibre Concentration (f/cc)
1	01.01.2025	Fiber De-Stack	NA	3	0.016
2	01.01.2025	Pulverizer De-Stack	NA	4	0.021

Remarks:

- All the above parameters are performed in permanent facility only
- Sampling is not done by the laboratory.

Tested by

E. Muthazhagan
(Test Engineer)Authorized By
S. Jayaprakash
(Lab Head)*****END OF THE REPORT*****

Note: Test Report shall not be reproduced except in full, without approval of the laboratory. This report relates only to the particular sample submitted for test. Sample will be destroyed after 30 days from the date of issue of certificate unless instructed otherwise. Any complaints about this report should be communicated within 10 days of the issue of this report



TEST REPORT

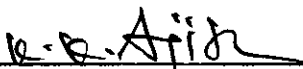
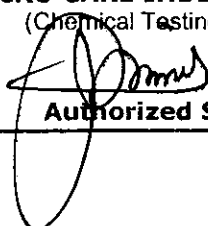
Accredited by NABL (Chemical & Biological)

Report No :	ECI-AAQ-2025/02/004	Report Date :	05.02.2025
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 01/02/2025	Sample Reference No :	ECI-AAQ-2025/02/004
Sample Drawn By :	ECI	Sample Received On :	01.02.2025
Sample Collected Date :	01.02.2025	Test Commenced On :	01.02.2025
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	05.02.2025
Sample Description :	Ambient Air	Sampling Method :	IS 5182:Part 14
Sample Mark:	Near Main Gate		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method:6015	400
2.	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4.	Benzo-a-Pyrene (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5.	Carbon Monoxide (as CO)	mg/m ³	< 1.2	IS 5182:Part 10	2.0
6.	Lead (as Pb)	µg/m ³	< 0.1	IS 5182:Part 22	1.0
7.	Nickel (as Ni)	ng/m ³	< 0.1	IS 5182:Part 22	20
8.	Nitrogen dioxide (as NO ₂)	µg/m ³	29.5	IS 5182:Part 06	80
9.	Ozone (as O ₃)	µg/m ³	< 9.8	IS 5182:Part 09	180
10.	Particulate Matter (PM _{2.5})	µg/m ³	31.4	IS 5182:Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	62.9	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	15.2	IS 5182:Part 02	80

Opinion: In the above mentioned location meets the requirements of CPCB standards with respect to the parameters tested.

<--- End of Report --->

Verified By : 	For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory)  Authorized Signatory
---	--



#43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625016 Tel: 0452 4355103

Email: lab@envirocareindia.com | Web: www.envirocareindia.com

Note: 1. This report is valid only to the tests tested.

2. Any tampering or alteration will invalidate this report.

3. Report shall not be reproduced anywhere except in full and in the same format without the permission of the laboratory.

4. In case of any dispute, the test items will be retained for maximum 15 days from date of issue of test report.

5. The liability of the report is limited to the scope of the test.

6. Any dispute arising out of this report is subject to Madurai Jurisdiction only.





TEST REPORT

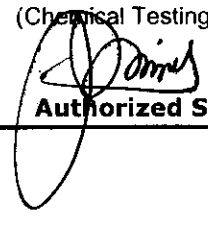
Accredited by NABL (Chemical & Biological)

Report No :	ECI-AAQ-2025/02/002	Report Date :	05.02.2025
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 01/02/2025	Sample Reference No :	ECI-AAQ-2025/02/002
Sample Drawn By :	ECI	Sample Received On :	01.02.2025
Sample Collected Date :	01.02.2025	Test Commenced On :	01.02.2025
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	05.02.2025
Sample Description :	Ambient Air	Sampling Method :	IS 5182:Part 14
Sample Mark:	Near Stack Yard		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method:6015	400
2.	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4.	Benzo-a-Pyrene (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5.	Carbon Monoxide (as CO)	mg/m ³	< 1.2	IS 5182:Part 10	2.0
6.	Lead (as Pb)	µg/m ³	< 0.1	IS 5182:Part 22	1.0
7.	Nickel (as Ni)	ng/m ³	< 0.1	IS 5182:Part 22	20
8.	Nitrogen dioxide (as NO ₂)	µg/m ³	28.6	IS 5182:Part 06	80
9.	Ozone (as O ₃)	µg/m ³	< 9.8	IS 5182:Part 09	180
10.	Particulate Matter (PM _{2.5})	µg/m ³	34.9	IS 5182:Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	73.1	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	15.4	IS 5182:Part 02	80

Opinion: In the above mentioned location meets the requirements of CPCB standards with respect to the parameters tested.

<--- End of Report --->

Verified By : <i>K. R. Ajith</i>	For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory)  Authorized Signatory
----------------------------------	--



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Note: 1. The test is valid only to the items tested.

2. Any other test not tested shall not include this report.

3. Report shall not be reproduced anywhere except initial and in the same format without the permission of the laboratory.

4. Unless informed by customer, the test items will not be retained for more than 15 days from date of issue of test report.

5. Total liability of our laboratory is limited to the invoice amount.

6. Any dispute arising out of this report is subjected to Madurai Jurisdiction only.





TEST REPORT

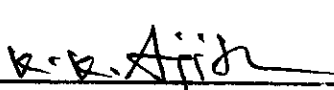
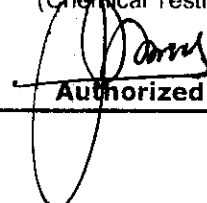
Accredited by NABL (Chemical & Biological)

Report No :	ECI-AAQ-2025/02/001	Report Date :	05.02.2025
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 01/02/2025	Sample Reference No :	ECI-AAQ-2025/02/001
Sample Drawn By :	ECI	Sample Received On :	01.02.2025
Sample Collected Date :	01.02.2025	Test Commenced On :	01.02.2025
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	05.02.2025
Sample Description :	Ambient Air	Sampling Method :	IS 5182:Part 14
Sample Mark:	Near Guest House		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method:6015	400
2.	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4.	Benzo-a-Pyrene (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5.	Carbon Monoxide (as CO)	mg/m ³	< 1.2	IS 5182:Part 10	2.0
6.	Lead (as Pb)	µg/m ³	< 0.1	IS 5182:Part 22	1.0
7.	Nickel (as Ni)	ng/m ³	< 0.1	IS 5182:Part 22	20
8.	Nitrogen dioxide (as NO ₂)	µg/m ³	25.2	IS 5182:Part 06	80
9.	Ozone (as O ₃)	µg/m ³	< 9.8	IS 5182:Part 09	180
10.	Particulate Matter (PM _{2.5})	µg/m ³	35.1	IS 5182:Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	62.7	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	8.5	IS 5182:Part 02	80

Opinion: In the above mentioned location meets the requirements of CPCB standards with respect to the parameters tested.

<--- End of Report --->

Verified By : 	For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory)  Authorized Signatory
---	--

#43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625016 Tel: 0452 4355103
Email: lab@envirocareindia.com | Web: www.envirocareindia.com

Note: 1. The results of this report are for the sample only.

2. Any Complaint or dispute should be raised immediately.

3. Report should be used as a guide only and not as a basis for any legal action.

4. Unless informed by customer, the test data will not be retained for more than 15 days from the date of issue of the report.

5. Total liability of our laboratory is limited to the invoice amount.

6. Any dispute arising out of this report will be referred to Madurai District Court only.





TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-AAQ-2025/02/003	Report Date :	05.02.2025
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 01/02/2025	Sample Reference No :	ECI-AAQ-2025/02/003
Sample Drawn By :	ECI	Sample Received On :	01.02.2025
Sample Collected Date :	01.02.2025	Test Commenced On :	01.02.2025
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	05.02.2025
Sample Description :	Ambient Air	Sampling Method :	IS 5182:Part 14
Sample Mark:	Near Asbestos Godown		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method:6015	400
2.	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4.	Benzo-a-Pyrene (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5.	Carbon Monoxide (as CO)	mg/m ³	< 1.2	IS 5182:Part 10	2.0
6.	Lead (as Pb)	µg/m ³	< 0.1	IS 5182:Part 22	1.0
7.	Nickel (as Ni)	ng/m ³	< 0.1	IS 5182:Part 22	20
8.	Nitrogen dioxide (as NO ₂)	µg/m ³	27.4	IS 5182:Part 06	80
9.	Ozone (as O ₃)	µg/m ³	< 9.8	IS 5182:Part 09	180
10.	Particulate Matter (PM _{2.5})	µg/m ³	36.6	IS 5182:Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	67.2	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	12.8	IS 5182:Part 02	80

Opinion: In the above mentioned location meets the requirements of CPCB standards with respect to the parameters tested.

<--- End of Report --->

Verified By : <i>K.R. Ajith</i>	For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory)
	Authorized Signatory



[Signature]

#43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625016 Tel: 0452 4355103
Email: lab@envirocareindia.com | Web: www.envirocareindia.com

Note: 1. The report is valid only for the parameters tested.

2. Any Client's report is not to be used for any other purpose.

3. Report shall not be reproduced anywhere, except in full and in the same form in which it is issued, without the prior written consent of the laboratory.

4. Unless informed by customer, the test items will not be retained for more than 15 days from date of issue of test report.

5. Total liability of our laboratory is limited to the charges paid to us.

6. Any dispute arising out of this report is subject to Madurai Jurisdiction only.





TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2025/02/002	Report Date :	05.02.2025
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date:01/02/2025	Sample Reference No :	ECI-SM-2025/02/002
Sample Drawn By :	ECI	Sample Received On :	01.02.2025
Sample Collected Date :	01.02.2025	Test Commenced On :	01.02.2025
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	05.02.2025
Sample Description :	Stack	Sampling Method :	IS 11255 :Part 01
Sample Mark:	Fiber Mill Dust Collector – (Chimney)		

Stack Details:

S. No	Details	Unit	Value
1.	Port hole Height from G Level	m	5.0
2.	Stack Diameter at port hole	m	0.35
3.	Stack Height from G Level	m	26.0
4.	Ambient Temperature	°C	32

S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	92	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	< 0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	2419	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	8.4	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	< 1.0	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	1.8	IS 11255:Part 01	2.0
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

Opinion : In the above mentioned Parameter meets the requirements of TNPCB standards
NA -- Not Applicable.

----- End of Report -----

Verified By: <i>Ajith</i>	For ENVIRO CARE INDIA PRIVATE LIMITED (Laboratory Division) <i>[Signature]</i> Authorized Signatory
---------------------------	--



#43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625016 Tel: 0452 4355103
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Notes: The test results are only valid for the sample tested.

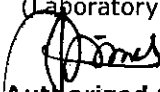
- Any Change in test method should be notified to the customer.
- Report should not be reproduced anywhere except in full and in the same format with out the permission of the laboratory.
- Unless informed by customer, the test items will not be retained for more than 15 days from date of issue of test report.
- Total liability of our laboratory is limited to the invoice amount.
- Any dispute arising out of this report is subjected to Madurai Jurisdiction Only.





TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2025/02/001	Report Date :	05.02.2025		
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.				
Customer Reference :	IWO Date:01/02/2025	Sample Reference No :	ECI-SM-2025/02/001		
Sample Drawn By :	ECI	Sample Received On :	01.02.2025		
Sample Collected Date :	01.02.2025	Test Commenced On :	01.02.2025		
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	05.02.2025		
Sample Description :	Stack	Sampling Method :	IS 11255 :Part 01		
Sample Mark:	Cement Fly Storage (Chimney)				
Stack Details:					
S. No	Details	Unit	Value		
1.	Port hole Height from G Level	m	5.0		
2.	Stack Diameter at port hole	m	0.35		
3.	Stack Height from G Level	m	23.5		
4.	Ambient Temperature	°C	32		
S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	58	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	< 0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	3132	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	9.8	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	< 1.0	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	49.8	IS 11255:Part 01	50
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA
Opinion : In the above mentioned Parameter meets the requirements of TNPCB standards NA - Not Applicable.					
--- End of Report ---					
For ENVIRO CARE INDIA PRIVATE LIMITED (Laboratory Division)					
Verified By <i>K.R. Ajith</i>		 Authorized Signatory			

#43, 2nd Street, Harvey Nagar, Arasavadi, Madurai - 625016 Tel: 0452 4355103
Email: lab@envirocareindia.com | Web: www.envirocareindia.com

Note: 1. The report is valid only to the item tested.

2. Any Change not attended shall invalidate this report.

3. Report shall not be tampered with any means for its validity and it shall be held for reference with the permission of the laboratory.

4. Once the report is given to the customer, the test item shall not be retained for more than 15 days from date of issue of test report.

5. Total liability of our laboratory is limited to the invoice amount.

6. Any dispute arising out of this report is subjected to Madurai Jurisdiction Only.





TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2025/02/004	Report Date :	05.02.2025
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date:01/02/2025	Sample Reference No :	ECI-SM-2025/02/004
Sample Drawn By :	ECI	Sample Received On :	01.02.2025
Sample Collected Date :	01.02.2025	Test Commenced On :	01.02.2025
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	05.02.2025
Sample Description :	Stack	Sampling Method :	IS 11255 :Part 01
Sample Mark:	DG 750 KVA - (Chimney)		

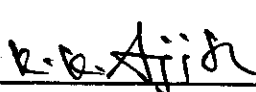
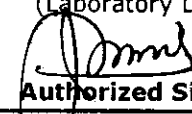
Stack Details:

S. No	Details	Unit	Value
1.	Port hole Height from G Level	m	5.0
2.	Stack Diameter at port hole	m	0.30
3.	Stack Height from G Level	m	15.0
4.	Ambient Temperature	°C	32

S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	194	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	<0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	<0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	1491	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	9.0	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	33.8	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	39.2	IS 11255:Part 01	50
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	16.5	IS 11255:Part 02	NA

Opinion : In the above mentioned Parameter meets the requirements of TNPCB standards
NA -- Not Applicable.

----- End of Report -----

Verified By 	For ENVIRO CARE INDIA PRIVATE LIMITED (Laboratory Division)  Authorized Signatory
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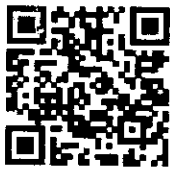


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Email: lab@envirocareindia.com | Web: www.envirocareindia.com

Note:

1. This report is valid only for the test performed.
2. Any alteration on the report should invalidate this report.
3. Report shall not be reproduced anywhere except in full and in the same format without the permission of the laboratory.
4. To be informed by customer, the test items will be retained for more the 15 days from date of issue of test report.
5. Total liability of our laboratory is limited to the test fee amount.
6. Any dispute arising out of this report is subject to Madurai Jurisdiction Only.





TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2025/02/005	Report Date :	05.02.2025
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date:01/02/2025	Sample Reference No :	ECI-SM-2025/02/005
Sample Drawn By :	ECI	Sample Received On :	01.02.2025
Sample Collected Date :	01.02.2025	Test Commenced On :	01.02.2025
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	05.02.2025
Sample Description :	Stack	Sampling Method :	IS 11255 :Part 01
Sample Mark:	DG 380 KVA - (Chimney)		

Stack Details:

S. No	Details	Unit	Value
1.	Port hole Height from G Level	m	5.0
2.	Stack Diameter at port hole	m	0.30
3.	Stack Height from G Level	m	6.0
4.	Ambient Temperature	°C	32

S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	181	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	<0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	1746	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	10.2	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	26.5	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	40.8	IS 11255:Part 01	50
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	13.0	IS 11255:Part 02	NA

Opinion : In the above mentioned Parameter meets the requirements of TNPCB standards
NA - Not Applicable.

<--- End of Report --->

For **ENVIRO CARE INDIA PRIVATE LIMITED**
(Laboratory Division)

Verified By

K. R. Ajith



Authorized Signatory

#43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625016 Tel: 0452 4355103
Email: lab@envirocareindia.com | Web: www.envirocareindia.com

Note: 1. The results relate only to this item tested.

- Any Question or alteration shall invalidate this report.
- Report shall not be reproduced anywhere except in the form and in the same form without the permission of the laboratory.
- As per informed by customer, the test items will not be retained for more than the specified time of issue of test report.
- The liability of the laboratory is limited to the analysis performed.
- Any dispute arising out of this report is subjected to Madurai Jurisdiction Only.





TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2025/02/003	Report Date :	05.02.2025
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date:01/02/2025	Sample Reference No :	ECI-SM-2025/02/003
Sample Drawn By :	ECI	Sample Received On :	01.02.2025
Sample Collected Date :	01.02.2025	Test Commenced On :	01.02.2025
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	05.02.2025
Sample Description :	Stack	Sampling Method :	IS 11255 :Part 01
Sample Mark:	Pulverizer Dust Collector (Chimney)		

Stack Details:

S. No	Details	Unit	Value
1.	Port hole Height from G Level	m	6.0
2.	Stack Diameter at port hole	m	0.40
3.	Stack Height from G Level	m	9.0
4.	Ambient Temperature	°C	32

S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	78	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	< 0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	3894	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	9.9	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	< 1.0	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	1.3	IS 11255:Part 01	2.0
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

Opinion : In the above mentioned Parameter meets the requirements of TNPCB standards
NA -- Not Applicable.

<--- End of Report --->

Verified By <i>K.R. Ajith</i>	For ENVIRO CARE INDIA PRIVATE LIMITED (Laboratory Division) <i>[Signature]</i> Authorized Signatory
-------------------------------	--



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Email: lab@envirocareindia.com | Web: www.envirocareindia.com

Note: 1. The results relate only to the item tested.
2. Any customer not affiliated with us cannot validate this report.
3. Report should not be used for any legal or regulatory purpose without the permission of the laboratory.
4. This is a sample report for test item only. It is not valid for more than 10 days from date of issue of test report.
5. Total liability of our laboratory is limited to our fee to the client.
6. Any dispute arising out of this report is subjected to Madurai Jurisdiction Only.





TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2025/02/006	Report Date :	05.02.2025
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date:01/02/2025	Sample Reference No :	ECI-SM-2025/02/006
Sample Drawn By :	ECI	Sample Received On :	01.02.2025
Sample Collected Date :	01.02.2025	Test Commenced On :	01.02.2025
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	05.02.2025
Sample Description :	Stack	Sampling Method :	IS 11255 :Part 01
Sample Mark:	Diesel Fired Drier-Silencer(Diesel)		

Stack Details:

S. No	Details	Unit	Value
1.	Port hole Height from G Level	m	5.0
2.	Stack Diameter at port hole	m	0.30
3.	Stack Height from G Level	m	6.0
4.	Ambient Temperature	°C	32

S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	187	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	<0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	1777	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	10.5	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	36.1	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	45.9	IS 11255:Part 01	50
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	21.0	IS 11255:Part 02	NA

Opinion : In the above mentioned Parameter meets the requirements of TNPCB standards
NA - Not Applicable.

<--- End of Report --->

For ENVIRO CARE INDIA PRIVATE LIMITED
(Laboratory Division)

Verified By

K. R. Ajith



[Signature]
Authorized Signatory

#43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625016 Tel: 0452 4355103
Email: lab@envirocareindia.com | Web: www.envirocareindia.com

Note: 1. The results relate only to the item tested.

2. Any claim can not be made without this report.

3. Report is not to be used anywhere except in firm for the same for which it is issued by the laboratory.

4. Original report and the test items will not be returned for more than 7 days from date of issue of this report.

5. Compensation of our laboratory is limited to the test fee amount.

6. Any dispute arising out of this report is subjected to Madurai Jurisdiction Only.





TEST REPORT

Accredited by NABL (Chemical & Biological)

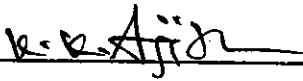
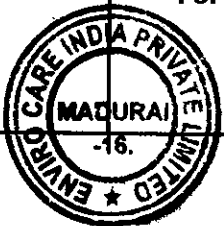
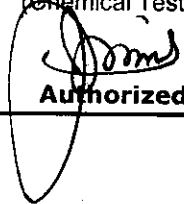
Report No :	ECI-NM-2025/02/001	Report Date :	05.02.2025
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 01/02/2025	Sample Reference No :	ECI-NM-2025/02/001
Sample Description :	Noise	Monitoring Date :	01.02.2025
Monitored By :	ECI	Data Received On :	01.02.2025

S.No	Locations	Day Time	
		Minimum	Maximum
1.	Near Main Gate	63.5	65.1
2.	Admin Office Area	62.3	65.7
3.	Stack Yard Area	56.2	58.6
4.	Toilet Area	60.1	62.9
5.	Canteen Area	65.3	66.0
6.	DG Room	82.1	83.4
7.	Main Machine Area	87.2	89.0
8.	RM Section	76.4	78.1
9.	Stripping Machine Area	86.5	88.9
10.	Work Shop Area	74.3	78.4

Unit	dB (A)
Max. Permissible Limit for Noise (Factories Rules, 1950)	90
Reference Method	IS 9989

Opinion: In the above mentioned locations meets the requirements of Factories Act Rules

<--- End of Report --->

Verified By : 		For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory)  Authorized Signatory
---	---	---

#43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625016 Tel: 0452 4355103
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Note: 1. The test is valid only to the sample tested.

2. Any Change in the sample shall invalidate this report.

3. Report shall not be reproduced anywhere except in full and in the same format without the permission of the laboratory.

4. Unless informed by customer, the test items will not be retained for more than 15 days from date of issue of test report.

5. Total liability of our laboratory is limited to the invoice amount.

6. Any dispute arising out of this report is subjected to Madurai Jurisdiction Only.





TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-NM-2025/02/002	Report Date :	05.02.2025
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 01/02/2025	Sample Reference No :	ECI-NM-2025/02/002
Sample Description :	Noise	Monitoring Date :	01.02.2025
Monitored By :	ECI	Data Received On :	01.02.2025
S.No	Locations	Night Time	
		Minimum	Maximum
1.	Near Main Gate	56.1	57.0
2.	Admin Office Area	58.4	61.4
3.	Stack Yard Area	53.2	55.5
4.	Toilet Area	54.6	56.7
5.	Canteen Area	49.5	53.9
6.	DG Room,	60.2	64.5
7.	Main Machine Area	82.9	84.8
8.	RM Section	62.1	63.7
9.	Stripping Machine Area	69.0	71.7
10.	Work Shop Area	61.3	63.4
Unit	dB (A)		
Max. Permissible Limit for Noise (Factories Rules, 1950)	90		
Reference Method	IS 9989		

Opinion : In the above mentioned locations meets the requirements of Factories Act Rules.

<--- End of Report --->

Verified By : <i>K. R. Ajith</i>		For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory) <i>[Signature]</i> Authorized Signatory
----------------------------------	---	--

#43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625016 Tel: 0452 4355103
Email: lab@envirocareindia.com | Web: www.envirocareindia.com

Notes: The results are valid only for the test conducted.

1. Any Complaints are addressed separately via email to the report.

2. Report shall not be reproduced anywhere except in full and in the same format without the permission of the laboratory.

3. Unless informed by customer, the test items will not be retained for more than 15 days from date of issue of test report.

4. Total liability of our laboratory is limited to the invoice amount.

5. Any dispute arising out of this report is subjected to Madurai Jurisdiction Only.





TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-IAQ-2025/02/001	Report Date :	05.02.2025
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 01/02/2025	Sample Reference No :	ECI-IAQ-2025/02/001
Sample Drawn By :	ECI	Sample Received On :	01.02.2025
Sample Collected Date :	01.02.2025	Test Commenced On :	01.02.2025
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	05.02.2025
Sample Description :	Fugitive Emission	Sampling Method :	IS 5182:Part 14
Sample Mark:	RM Stock Area		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Nitrogen dioxide (as NO ₂)	µg/m ³	27.9	IS 5182:Part 06	80
2.	Particulate Matter (PM _{2.5})	µg/m ³	35.2	IS 5182:Part:24	60
3.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	67.6	IS 5182:Part 23	100
4.	Sulphur Dioxide (as SO ₂)	µg/m ³	16.0	IS 5182:Part 02	80

Opinion: In the above mentioned location meets the requirements of CPCB standards with respect to the parameters tested.

<--- End of Report --->

Verified By : <i>K. R. Arif</i>		For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory) <i>[Signature]</i> Authorized Signatory
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#43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625016 Tel: 0452 4355103
Email: lab@envirocareindia.com | Web: www.envirocareindia.com

Notes: The results are valid only to the test conducted.

- Any Correction or alteration should be made in this report.
- Report is valid for reference only and is not to be used for legal purposes.
- Unless otherwise specified, the test results are valid for a period of 15 days from the date of issuance of test report.
- Total liability of our laboratory is limited to the charges incurred.
- Any dispute arising out of this report is subjected to Madurai Jurisdiction Only.





TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-IAQ-2025/02/002	Report Date :	05.02.2025
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 01/02/2025	Sample Reference No :	ECI-IAQ-2025/02/002
Sample Drawn By :	ECI	Sample Received On :	01.02.2025
Sample Collected Date :	01.02.2025	Test Commenced On :	01.02.2025
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	05.02.2025
Sample Description :	Fugitive Emission	Sampling Method :	IS 5182:Part 14
Sample Mark:	Cement & Fly Ash Handling Area		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Nitrogen dioxide (as NO ₂)	µg/m ³	31.8	IS 5182:Part 06	80
2.	Particulate Matter (PM _{2.5})	µg/m ³	36.0	IS 5182:Part:24	60
3.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	76.2	IS 5182:Part 23	100
4.	Sulphur Dioxide (as SO ₂)	µg/m ³	16.4	IS 5182:Part 02	80

Opinion: In the above mentioned location meets the requirements of CPCB standards with respect to the parameters tested.

<--- End of Report --->

Verified By : <i>K. R. Arish</i>	For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory) <i>[Signature]</i> Authorized Signatory
----------------------------------	---



#43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625016 Tel: 0452 4355103
Email: lab@envirocareindia.com | Web: www.envirocareindia.com

Note: 1. Test results relate only to the item tested.

2. Any discrepancy or alteration must indicate the reason.

3. Report must not be reproduced anywhere without full and correct written permission from the parent office of the laboratory.

4. On receipt of report by customer, the test items will remain retained for minimum 7 days from date of receipt of test report.

5. Total liability of our laboratory is limited to our service amount.

6. Any dispute arising out of this report is subject to Madurai Jurisdiction Only.



**(Material Testing Laboratory)**

Address: No.17, Winterpet Post, Arakkonam, Tamil Nadu, India.

Pin code-631 005, Phone No. 04177 224932.

TEST REPORT

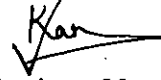
Test Certificate No. & Date	RIL-MTL/2024-2025/11/002 & 15/02/2025		
Status of Report	Full		
Issue No./Amendment No.	01/00		
Customer Name	M/s Ramco Industries Limited,		
Customer Address	Sipcot Industrial Area, Gangaikondan, Tirunelveli, Tamil Nadu		
Reference No. if any	-		
<u>Sample Description:</u>			
Discipline	Chemical	Group/ Sub Group	Atmospheric Pollution/ Work Environment and Indoor air quality
Product	Airborne asbestos fibres	Flow Rate (ml/min)	1000
Source of Sample for testing	Supplied by the customer	Sample Receipt Date	10/02/2025
Sampling Duration	240 mins	Test Started Date	13/02/2025
Quantity of Sample	12 Nos	Test completed Date	14/02/2025
Condition of Sample	Acceptable	Test Method followed	IS 11450 : 2006

TEST RESULTS OF FIBRE CONCENTRATION

Sl. No	Sampling Date	location	Static/Personal	Fibre Count (Nos)	Fibre Concentration (f/cc)
1	01.02.2025	Asbestos Storage Godown	Static	14	0.031
2	04.02.2025	Bag Opening Device	Personal	17	0.037
3	05.02.2025	Slurry Mixer	Static	11	0.024
4	06.02.2025	Sheeting Machine	Personal	12	0.026
5	03.02.2025	Corrugator	Personal	10	0.022
6	05.02.2025	Moulding Area	Personal	13	0.029
7	04.02.2025	Laboratory	Personal	8	0.018
8	02.02.2025	Loading Area	Static	12	0.026
9	02.02.2025	Near Main Gate	Static	7	0.015
10	05.02.2025	Segregation	Personal	11	0.024
11	03.02.2025	Salvage/Reclamation	Static	14	0.031
12	06.02.2025	Pulverizer	Personal	16	0.035

Remarks:

- All the above parameters are performed in permanent facility only
- Sampling is not done by the laboratory.


Reviewed byV.Kannan
(Technical Manager)Authorized By
S.Jayaprakash
(Lab Head)*****END OF THE REPORT*****

Note: Test Report shall not be reproduced except in full, without approval of the laboratory. This report relates only to the particular sample submitted for test. Sample will be destroyed after 30 days from the date of issue of certificate unless instructed otherwise. Any complaints about this report should be communicated within 10 days of the issue of this report

**(Material Testing Laboratory)**

Address: No.17, Winterpet Post, Arakkonam, Tamil Nadu, India.

Pin code-631 005, Phone No. 04177 224932.

TEST REPORT

Test Certificate No. & Date	RIL-MTL/2024-2025/11/002A & 15/02/2025		
Status of Report	Full		
Issue No./Amendment No.	01/00		
Customer Name	M/s Ramco Industries Limited,		
Customer Address	Sipcot Industrial Area, Gangaikondan, Tirunelveli, Tamil Nadu		
Reference No. if any	-		
Sample Description:			
Discipline	Chemical	Group/ Sub Group	Atmospheric Pollution/ Work Environment and Indoor air quality
Product	Airborne asbestos fibres	Flow Rate (ml/min)	10000
Source of Sample for testing	Supplied by the customer	Sample Receipt Date	10/02/2025
Sampling Duration	10 mins	Test Started Date	13/02/2025
Quantity of Sample	2 Nos	Test completed Date	14/02/2025
Condition of Sample	Acceptable	Test Method followed	IS 11450 : 2006

TEST RESULTS OF FIBRE CONCENTRATION

Sl. No	Sampling Date	location	Static/Personal	Fibre Count (Nos)	Fibre Concentration (f/cc)
1	01.02.2025	Fiber De-Stack	NA	4	0.021
2	01.02.2025	Pulverizer De-Stack	NA	5	0.027

Remarks:

- All the above parameters are performed in permanent facility only
- Sampling is not done by the laboratory.

Reviewed by
V.Kannan
(Technical Manager)

Authorized By
S.Jayaprakash
(Lab Head)

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

Note: Test Report shall not be reproduced except in full, without approval of the laboratory. This report relates only to the particular sample submitted for test. Sample will be destroyed after 30 days from the date of issue of certificate unless instructed otherwise. Any complaints about this report should be communicated within 10 days of the issue of this report



TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-AAQ-2025/03/004	Report Date :	05.03.2025
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 01/03/2025	Sample Reference No :	ECI-AAQ-2025/03/004
Sample Drawn By :	ECI	Sample Received On :	01.03.2025
Sample Collected Date :	01.03.2025	Test Commenced On :	01.03.2025
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	05.03.2025
Sample Description :	Ambient Air	Sampling Method :	IS 5182:Part 14
Sample Mark:	Near Main Gate		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method:6015	400
2.	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4.	Benzo-a-Pyrene (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5.	Carbon Monoxide (as CO)	mg/m ³	< 1.2	IS 5182:Part 10	2.0
6.	Lead (as Pb)	µg/m ³	< 0.1	IS 5182:Part 22	1.0
7.	Nickel (as Ni)	ng/m ³	< 0.1	IS 5182:Part 22	20
8.	Nitrogen dioxide (as NO ₂)	µg/m ³	26.9	IS 5182:Part 06	80
9.	Ozone (as O ₃)	µg/m ³	< 9.8	IS 5182:Part 09	180
10.	Particulate Matter (PM _{2.5})	µg/m ³	33.2	IS 5182:Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	65.6	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	13.0	IS 5182:Part 02	80

Opinion: In the above mentioned location meets the requirements of CPCB standards with respect to the parameters tested.

<--- End of Report --->

Verified By : <i>[Signature]</i>	For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory) <i>[Signature]</i> Authorized Signatory
----------------------------------	---



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 6. Any dispute arising out of this report is subjected to Madurai Jurisdiction Only.





TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-AAQ-2025/03/002	Report Date :	05.03.2025
Customer Name & Address	M/s. Ramco Industries Ltd Plot No: 12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 01/03/2025	Sample Reference No :	ECI-AAQ-2025/03/002
Sample Drawn By :	ECI	Sample Received On :	01.03.2025
Sample Collected Date :	01.03.2025	Test Commenced On :	01.03.2025
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	05.03.2025
Sample Description :	Ambient Air	Sampling Method :	IS 5182:Part 14
Sample Mark:	Near Stack Yard		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method:6015	400
2.	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4.	Benzo-a-Pyrene (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5.	Carbon Monoxide (as CO)	mg/m ³	< 1.2	IS 5182:Part 10	2.0
6.	Lead (as Pb)	µg/m ³	< 0.1	IS 5182:Part 22	1.0
7.	Nickel (as Ni)	ng/m ³	< 0.1	IS 5182:Part 22	20
8.	Nitrogen dioxide (as NO ₂)	µg/m ³	30.4	IS 5182:Part 06	80
9.	Ozone (as O ₃)	µg/m ³	< 9.8	IS 5182:Part 09	180
10.	Particulate Matter (PM _{2.5})	µg/m ³	36.3	IS 5182:Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	75.9	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	17.0	IS 5182:Part 02	80

Opinion: In the above mentioned location meets the requirements of CPCB standards with respect to the parameters tested.

<--- End of Report --->

Verified By : <i>K. K. Arif</i>	For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory) <i>[Signature]</i> Authorized Signatory
---------------------------------	--



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S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method:6015	400
2.	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4.	Benzo-a-Pyrene (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5.	Carbon Monoxide (as CO)	mg/m ³	< 1.2	IS 5182:Part 10	2.0
6.	Lead (as Pb)	µg/m ³	< 0.1	IS 5182:Part 22	1.0
7.	Nickel (as Ni)	ng/m ³	< 0.1	IS 5182:Part 22	20
8.	Nitrogen dioxide (as NO ₂)	µg/m ³	27.6	IS 5182:Part 06	80
9.	Ozone (as O ₃)	µg/m ³	< 9.8	IS 5182:Part 09	180
10.	Particulate Matter (PM _{2.5})	µg/m ³	37.0	IS 5182:Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	65.4	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	10.2	IS 5182:Part 02	80

<--- End of Report --->

Authorized Signatory





TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-AAQ-2025/03/003	Report Date :	05.03.2025
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 01/03/2025	Sample Reference No :	ECI-AAQ-2025/03/003
Sample Drawn By :	ECI	Sample Received On :	01.03.2025
Sample Collected Date :	01.03.2025	Test Commenced On :	01.03.2025
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	05.03.2025
Sample Description :	Ambient Air	Sampling Method :	IS 5182:Part 14
Sample Mark:	Near Asbestos Godown		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method:6015	400
2.	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4.	Benzo-a-Pyrine (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5.	Carbon Monoxide (as CO)	mg/m ³	< 1.2	IS 5182:Part 10	2.0
6.	Lead (as Pb)	µg/m ³	< 0.1	IS 5182:Part 22	1.0
7.	Nickel (as Ni)	ng/m ³	< 0.1	IS 5182:Part 22	20
8.	Nitrogen dioxide (as NO ₂)	µg/m ³	29.9	IS 5182:Part 06	80
9.	Ozone (as O ₃)	µg/m ³	< 9.8	IS 5182:Part 09	180
10.	Particulate Matter (PM _{2.5})	µg/m ³	38.2	IS 5182:Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	69.1	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	14.4	IS 5182:Part 02	80

Opinion: In the above mentioned location meets the requirements of CPCB standards with respect to the parameters tested.

<--- End of Report --->

Verified By :	For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory) Authorized Signatory
---------------	--



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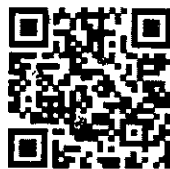
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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2025/03/002	Report Date :	05.03.2025
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date:01/03/2025	Sample Reference No :	ECI-SM-2025/03/002
Sample Drawn By :	ECI	Sample Received On :	01.03.2025
Sample Collected Date :	01.03.2025	Test Commenced On :	01.03.2025
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	05.03.2025
Sample Description :	Stack	Sampling Method :	IS 11255 :Part 01
Sample Mark:	Fiber Mill Dust Collector – (Chimney)		

Stack Details:

S. No	Details	Unit	Value
1.	Port hole Height from G Level	m	5.0
2.	Stack Diameter at port hole	m	0.35
3.	Stack Height from G Level	m	26.0
4.	Ambient Temperature	°C	32

S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	83	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	< 0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	2919	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	9.8	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	1.5	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	1.8	IS 11255:Part 01	2.0
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

Opinion : In the above mentioned Parameter meets the requirements of TNPCB standards
NA – Not Applicable.

<--- End of Report --->

Verified By		For ENVIRO CARE INDIA PRIVATE LIMITED (Laboratory Division) Authorized Signatory
-------------	--	--

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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2025/03/001	Report Date :	05.03.2025
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date:01/03/2025	Sample Reference No :	ECI-SM-2025/03/001
Sample Drawn By :	ECI	Sample Received On :	01.03.2025
Sample Collected Date :	01.03.2025	Test Commenced On :	01.03.2025
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	05.03.2025
Sample Description :	Stack	Sampling Method :	IS 11255 :Part 01
Sample Mark:	Cement Fly Storage (Chimney)		

Stack Details:

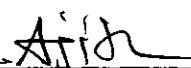
S. No	Details	Unit	Value
1.	Port hole Height from G Level	m	5.0
2.	Stack Diameter at port hole	m	0.35
3.	Stack Height from G Level	m	23.5
4.	Ambient Temperature	°C	32

S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	61	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	< 0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	2771	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	8.8	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	< 1.0	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	46.5	IS 11255:Part 01	50
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

Opinion : In the above mentioned Parameter meets the requirements of TNPCB standards

NA – Not Applicable.

<--- End of Report --->

Verified By 		For ENVIRO CARE INDIA PRIVATE LIMITED (Laboratory Division)  Authorized Signatory
---	---	--

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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2025/03/004	Report Date :	05.03.2025
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date:01/03/2025	Sample Reference No :	ECI-SM-2025/03/004
Sample Drawn By :	ECI	Sample Received On :	01.03.2025
Sample Collected Date :	01.03.2025	Test Commenced On :	01.03.2025
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	05.03.2025
Sample Description :	Stack	Sampling Method :	IS 11255 :Part 01
Sample Mark:	DG 750 KVA - (Chimney)		

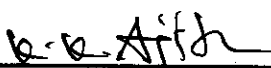
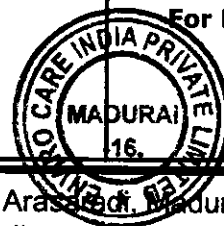
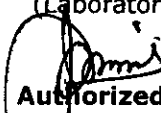
Stack Details:

S. No	Details	Unit	Value
1.	Port hole Height from G Level	m	5.0
2.	Stack Diameter at port hole	m	0.30
3.	Stack Height from G Level	m	15.0
4.	Ambient Temperature	°C	32

S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	213	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	<0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	<0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	1688	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	10.6	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	31.4	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	41.8	IS 11255:Part 01	50
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	14.3	IS 11255:Part 02	NA

Opinion : In the above mentioned Parameter meets the requirements of TNPCB standards
NA – Not Applicable.

<--- End of Report --->

Verified By 		For ENVIRO CARE INDIA PRIVATE LIMITED (Laboratory Division)  Authorized Signatory
---	---	--

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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2025/03/005	Report Date :	05.03.2025
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date:01/03/2025	Sample Reference No :	ECI-SM-2025/03/005
Sample Drawn By :	ECI	Sample Received On :	01.03.2025
Sample Collected Date :	01.03.2025	Test Commenced On :	01.03.2025
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	05.03.2025
Sample Description :	Stack	Sampling Method :	IS 11255 :Part 01
Sample Mark:	DG 380 KVA - (Chimney)		

Stack Details:

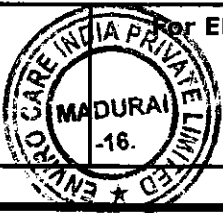
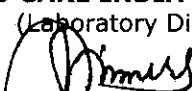
S. No	Details	Unit	Value
1.	Port hole Height from G Level	m	5.0
2.	Stack Diameter at port hole	m	0.30
3.	Stack Height from G Level	m	6.0
4.	Ambient Temperature	°C	32

S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	194	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	<0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	1491	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	9.0	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	28.9	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	43.6	IS 11255:Part 01	50
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	15.2	IS 11255:Part 02	NA

Opinion : In the above mentioned Parameter meets the requirements of TNPCB standards

NA – Not Applicable.

<--- End of-Report --->

Verified By 		For ENVIRO CARE INDIA PRIVATE LIMITED (Laboratory Division)  Authorized Signatory
---	---	--

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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2025/03/003	Report Date :	05.03.2025
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date:01/03/2025	Sample Reference No :	ECI-SM-2025/03/003
Sample Drawn By :	ECI	Sample Received On :	01.03.2025
Sample Collected Date :	01.03.2025	Test Commenced On :	01.03.2025
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	05.03.2025
Sample Description :	Stack	Sampling Method :	IS 11255 :Part 01
Sample Mark:	Pulverizer Dust Collector (Chimney)		

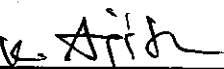
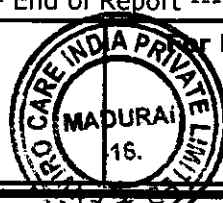
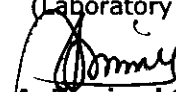
Stack Details:

S. No	Details	Unit	Value
1.	Port hole Height from G Level	m	6.0
2.	Stack Diameter at port hole	m	0.40
3.	Stack Height from G Level	m	9.0
4.	Ambient Temperature	°C	32

S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	79	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	< 0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	3436	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	8.8	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	< 1.0	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	1.7	IS 11255:Part 01	2.0
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

Opinion : In the above mentioned Parameter meets the requirements of TNPCB standards
NA – Not Applicable.

<--- End of Report --->

Verified By 		ENVIRO CARE INDIA PRIVATE LIMITED (Laboratory Division)  Authorized Signatory
---	---	---

#43, 2nd Street, Harvey Nagar, Arasareddi, Madurai - 625016 Tel: 0452 4355103
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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2025/03/006	Report Date :	05.03.2025
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date:01/03/2025	Sample Reference No :	ECI-SM-2025/03/006
Sample Drawn By :	ECI	Sample Received On :	01.03.2025
Sample Collected Date :	01.03.2025	Test Commenced On :	01.03.2025
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	05.03.2025
Sample Description :	Stack	Sampling Method :	IS 11255 :Part 01
Sample Mark:	Diesel Fired Drier-Silencer(Diesel)		

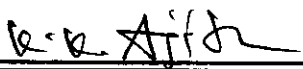
Stack Details:

S. No	Details	Unit	Value
1.	Port hole Height from G Level	m	5.0
2.	Stack Diameter at port hole	m	0.30
3.	Stack Height from G Level	m	6.0
4.	Ambient Temperature	°C	32

S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	199	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	<0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	1483	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	9.0	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	33.2	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	47.8	IS 11255:Part 01	50
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	18.4	IS 11255:Part 02	NA

Opinion : In the above mentioned Parameter meets the requirements of TNPCB standards
NA – Not Applicable.

<--- End of Report --->

Verified By 	 -16-	For ENVIRO CARE INDIA PRIVATE LIMITED (Laboratory Division)  Authorized Signatory
---	---	--

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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-NM-2025/03/001	Report Date :	05.03.2025
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 01/03/2025	Sample Reference No :	ECI-NM-2025/03/001
Sample Description :	Noise	Monitoring Date :	01.03.2025
Monitored By :	ECI	Date Received On :	01.03.2025
S.No	Locations	Day Time	
		Minimum	Maximum
1.	Near Main Gate	62.2	63.4
2.	Admin Office Area	61.7	62.9
3.	Stack Yard Area	55.4	56.8
4.	Toilet Area	58.2	60.3
5.	Canteen Area	62.7	64.3
6.	DG Room	74.2	78.9
7.	Main Machine Area	82.8	84.7
8.	RM Section	76.2	77.8
9.	Stripping Machine Area	83.2	88.2
10.	Work Shop Area	71.2	73.9
Unit		dB (A)	
Max. Permissible Limit for Noise (Factories Rules, 1950)		90	
Reference Method		IS 9989	

Opinion: In the above mentioned locations meets the requirements of Factories Act Rules

<--- End of Report --->

Verified By :	For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory) Authorized Signatory
---------------	--



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TEST REPORT

Accredited by NABL (Chemical & Biological)

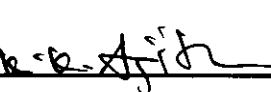
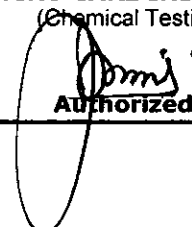
Report No :	ECI-NM-2025/03/002	Report Date :	05.03.2025
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 01/03/2025	Sample Reference No. :	ECI-NM-2025/03/002
Sample Description :	Noise	Monitoring Date :	01.03.2025
Monitored By :	ECI	Data Received On :	01.03.2025

S.No	Locations	Night Time	
		Minimum	Maximum
1.	Near Main Gate	46.2	47.5
2.	Admin Office Area	39.9	41.2
3.	Stack Yard Area	50.2	54.3
4.	Toilet Area	52.0	53.0
5.	Canteen Area	54.0	56.7
6.	DG Room	81.2	83.2
7.	Main Machine Area	86.2	88.2
8.	RM Section	77.8	78.2
9.	Stripping Machine Area	68.2	70.0
10.	Work Shop Area	58.2	61.2

Unit	dB (A)
Max. Permissible Limit for Noise (Factories Rules, 1950)	90
Reference Method	IS 9989

Opinion : In the above mentioned locations meets the requirements of Factories Act Rules.

<--- End of Report --->

Verified By : 	For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory)
	 Authorized Signatory

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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-IAQ-2025/03/001	Report Date :	05.03.2025
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 01/03/2025	Sample Reference No :	ECI-IAQ-2025/03/001
Sample Drawn By :	ECI	Sample Received On :	01.03.2025
Sample Collected Date :	01.03.2025	Test Commenced On :	01.03.2025
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	05.03.2025
Sample Description :	Fugitive Emission	Sampling Method :	IS 5182:Part 14
Sample Mark:	RM Stock Area		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Nitrogen dioxide (as NO ₂)	µg/m ³	29.6	IS 5182:Part 06	80
2.	Particulate Matter (PM _{2.5})	µg/m ³	37.1	IS 5182:Part:24	60
3.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	69.8	IS 5182:Part 23	100
4.	Sulphur Dioxide (as SO ₂)	µg/m ³	18.2	IS 5182:Part 02	80

Opinion: In the above mentioned location meets the requirements of CPCB standards with respect to the parameters tested.

<--- End of Report --->

Verified By :	For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory) Authorized Signatory
---------------	--



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TEST REPORT

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Report No :	ECI-IAQ-2025/03/002	Report Date :	05.03.2025
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli Dist-627352.		
Customer Reference :	IWO Date: 01/03/2025	Sample Reference No :	ECI-IAQ-2025/03/002
Sample Drawn By :	ECI	Sample Received On :	01.03.2025
Sample Collected Date :	01.03.2025	Test Commenced On :	01.03.2025
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	05.03.2025
Sample Description :	Fugitive Emission	Sampling Method :	IS 5182:Part 14
Sample Mark:	Cement & Fly Ash Handling Area		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Nitrogen dioxide (as NO ₂)	µg/m ³	28.4	IS 5182:Part 06	80
2.	Particulate Matter (PM _{2.5})	µg/m ³	39.1	IS 5182:Part:24	60
3.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	78.7	IS 5182:Part 23	100
4.	Sulphur Dioxide (as SO ₂)	µg/m ³	14.2	IS 5182:Part 02	80

Opinion: In the above mentioned location meets the requirements of CPCB standards with respect to the parameters tested.

<--- End of Report --->

Verified By :	For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory) Authorized Signatory
---------------	--



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**(Material Testing Laboratory)**

Address: No.17, Winterpet Post, Arakkonam, Tamil Nadu, India.

Pin code-631 005, Phone No. 04177 224932.

TEST REPORT

Test Certificate No. & Date	RIL-MTL/2024-2025/12/001 & 13/03/2025		
Status of Report	Full		
Issue No./Amendment No.	01/00		
Customer Name	M/s Ramco Industries Limited,		
Customer Address	Sipcot Industrial Area, Gangaikondan, Tirunelveli, Tamil Nadu		
Reference No. if any	-		
<u>Sample Description:</u>			
Discipline	Chemical	Group/ Sub Group	Atmospheric Pollution/ Work Environment and Indoor air quality
Product	Airborne asbestos fibres	Flow Rate (ml/min)	1000
Source of Sample for testing	Supplied by the customer	Sample Receipt Date	08/03/2025
Sampling Duration	240 mins	Test Started Date	11/03/2025
Quantity of Sample	12 Nos	Test completed Date	12/03/2025
Condition of Sample	Acceptable	Test Method followed	IS 11450 : 2006

TEST RESULTS OF FIBRE CONCENTRATION

Sl. No	Sampling Date	location	Static/Personal	Fibre Count (Nos)	Fibre Concentration (f/cc)
1	01.03.2025	Asbestos Storage Godown	Static	15	0.033
2	03.03.2025	Bag Opening Device	Personal	20	0.044
3	04.03.2025	Slurry Mixer	Static	14	0.031
4	02.03.2025	Sheeting Machine	Personal	10	0.022
5	03.03.2025	Corrugator	Personal	12	0.026
6	01.03.2025	Moulding Area	Personal	11	0.024
7	05.03.2025	Laboratory	Personal	7	0.015
8	04.03.2025	Loading Area	Static	10	0.022
9	06.03.2025	Near Main Gate	Static	6	0.013
10	01.3.2025	Segregation	Personal	13	0.029
11	04.03.2025	Salvage/Reclamation	Static	15	0.033
12	03.03.2025	Pulverizer	Personal	17	0.037

Remarks:

- All the above parameters are performed in permanent facility only
- Sampling is not done by the laboratory.

Reviewed by

V.Kannan
(Technical Manager)

S. Jayaprakash

Authorized By
S.Jayaprakash
(Lab Head)*****END OF THE REPORT*****

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**(Material Testing Laboratory)**

Address: No.17, Winterpet Post, Arakkonam, Tamil Nadu, India.

Pin code-631 005, Phone No. 04177 224932.

TEST REPORT

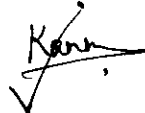
Test Certificate No. & Date	RIL-MTL/2024-2025/12/001A & 13/03/2025		
Status of Report	Full		
Issue No./Amendment No.	01/00		
Customer Name	M/s Ramco Industries Limited,		
Customer Address	Sipcot Industrial Area, Gangaikondan, Tirunelveli, Tamil Nadu		
Reference No. if any	-		
<u>Sample Description:</u>			
Discipline	Chemical	Group/ Sub Group	Atmospheric Pollution/ Work Environment and Indoor air quality
Product	Airborne asbestos fibres	Flow Rate (ml/min)	10000
Source of Sample for testing	Supplied by the customer	Sample Receipt Date	08/03/2025
Sampling Duration	10 mins	Test Started Date	11/03/2025
Quantity of Sample	2 Nos	Test completed Date	12/03/2025
Condition of Sample	Acceptable	Test Method followed	IS 11450 : 2006

TEST RESULTS OF FIBRE CONCENTRATION

Sl. No	Sampling Date	location	Static/Personal	Fibre Count (Nos)	Fibre Concentration (f/cc)
1	01.03.2025	Fiber De-Stack	NA	5	0.027
2	01.03.2025	Pulverizer De-Stack	NA	3	0.016

Remarks:

- All the above parameters are performed in permanent facility only
- Sampling is not done by the laboratory.


Reviewed by
V.Kannan
(Technical Manager)


Authorized By
S.Jayaprakash
(Lab Head)

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

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