



TEST REPORT

Report No :	ECI-SM-2023/04/043	Report Date :	08.04.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 03/04/2023	Sample Reference No :	ECI-SM-2023/04/043
Sample Drawn By :	ECI	Sample Received On :	03.04.2023
Sample Collected Date :	03.04.2023	Test Commenced On :	03.04.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	08.04.2023
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark :	Fibre Mill Dust Collector - (Chimney)		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Ambient Temperature	°C	32	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	3215	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	1.1	IS 11255:Part 01	2.0
8.	Port hole Height from G Level	m	5.0	---	NA
9.	Stack Diameter at port hole	m	0.35	---	NA
10.	Stack Height from G Level	m	26.0	---	NA
11.	Stack Temperature	°C	66	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

<--- End of Report --->

Verified By:

Remarks : In the above mentioned stack meets the requirements of TNPCB standards with respect to the parameters tested
NA - Not Applicable

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

Authorized Signatory





TC 6226

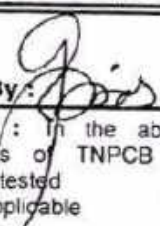
TEST REPORT

Accredited by NABL (Chemical & Microbiology)

Report No :	ECI-SM-2023/04/044	Report Date :	08.04.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No. 12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 03/04/2023	Sample Reference No :	ECI-SM-2023/04/044
Sample Drawn By :	ECI	Sample Received On :	03.04.2023
Sample Collected Date :	03.04.2023	Test Commenced On :	03.04.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	08.04.2023
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	Cement Fly Storage (Chimney)		

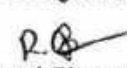
S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCL norms for General Emission Standards
1.	Ambient Temperature	°C	32	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	< 0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	3028	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	9.5	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	< 1.0	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	38.4	IS 11255:Part 01	50
8.	Port hole Height from G Level	m	5.0	---	NA
9.	Stack Diameter at port hole	m	0.35	---	NA
10.	Stack Height from G Level	m	23.5	---	NA
11.	Stack Temperature	°C	58	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

<--- End of Report --->

Verified By: 

Remarks : In the above mentioned stack meets the requirements of TNPCL standards with respect to the parameters tested
NA - Not Applicable

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)


Authorized Signatory

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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 full and in the same format without the permission of the laboratory.

4. Unless otherwise agreed by customer, the test items will not be retained for more than 15 days from date of issuance of 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.





TEST REPORT

Report No :	ECI-SM-2023/04/046	Report Date :	08.04.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No.12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference	IWO Date: 03/04/2023	Sample Reference No.	ECI-SM-2023/04/046
Sample Drawn By	ECI	Sample Received On	03.04.2023
Sample Collected Date	03.04.2023	Test Completed On	03.04.2023
Qty. of Sample Received	Thimble & 50 ml Soln	Test Completed On	08.04.2023
Sample Description	Stack	Sampling Method	IS 11255 Part 01
Sample Mark	DG 750 KVA - (Chimney)		

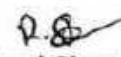
S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Ambient Temperature	°C	32	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	0.7	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	0.3	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	2181	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	12.8	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	35.8	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	40.4	IS 11255:Part 01	50
8.	Port hole Height from G Level	m	5.0	---	NA
9.	Stack Diameter at port hole	m	0.30	---	NA
10.	Stack Height from G Level	m	15.0	---	NA
11.	Stack Temperature	°C	180	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	15.7	IS 11255:Part 02	NA

<--- End of Report --->

Verified By :

Remarks : In the above mentioned stack meets the requirements of TNPCB standards with respect to the parameters tested
NA - Not Applicable

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)


Authorized Signatory

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

Note: 1. The results relate only to this test.

2. Any correction not attested shall not be valid.

3. Report shall not be reproduced or quoted in any form without the permission of the laboratory.

4. Unless informed by customer, the test shall be carried out as per the standard method of testing.

5. Total liability of the laboratory is limited to the amount paid.

6. Any dispute arising out of this report shall be referred to the court of law.





TEST REPORT

Accredited to ISO 17025 (Chemical & Biological)

Report No :	ECI-SM-2023/04/047	Report Date :	08.04.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 03/04/2023	Sample Reference No :	ECI-SM-2023/04/047
Sample Drawn By :	ECI	Sample Received On :	03.04.2023
Sample Collected Date :	03.04.2023	Test Commenced On :	03.04.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	08.04.2023
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	DG 380 KVA - (Chimney)		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPB norms for General Emission Standards
1.	Ambient Temperature	°C	32	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)	0.3	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	1823	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	8.3	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	41.5	IS 11255:Part 01	50
8.	Port hole Height from G Level	m	5.0	---	NA
9.	Stack Diameter at port hole	m	0.30	---	NA
10.	Stack Height from G Level	m	6.0	---	NA
11.	Stack Temperature	°C	81	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	11.9	IS 11255:Part 02	NA

<--- End of Report --->

Verified By :

[Signature]

Remarks : In the above mentioned stack meets the requirements of TNPB standards with respect to the parameters tested.
NA - Not Applicable

For ENVIRO CARE INDIA PRIVATE LIMITED
(Laboratory Division)



[Signature]
Authorized Signatory

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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

2. Any correction or alteration 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 results 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.



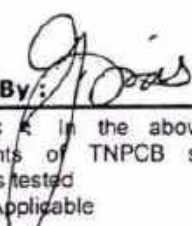


TEST REPORT

Report No :	ECI-SM-2023/04/045	Report Date :	08.04.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No.12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 03/04/2023	Sample Reference No :	ECI-SM-2023/04/045
Sample Drawn By :	ECI	Sample Received On :	03.04.2023
Sample Collected Date :	03.04.2023	Test Commenced On :	03.04.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	08.04.2023
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark :	Pulverizer Dust Collector (Chimney)		

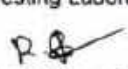
S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCC norms for General Emission Standards
1.	Ambient Temperature	°C	32	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	< 0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	4334	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	10.2	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	< 1.0	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	1.2	IS 11255:Part 01	2.0
8.	Port hole Height from G Level	m	6.0	---	NA
9.	Stack Diameter at port hole	m	0.40	---	NA
10.	Stack Height from G Level	m	9.0	---	NA
11.	Stack Temperature	°C	53	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

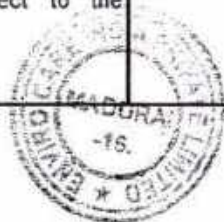
<--- End of Report --->

Verified By: 

Remarks : In the above mentioned stack meets the requirements of TNPCC standards with respect to the parameters tested
NA - Not Applicable

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)


Authorized Signatory



43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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

2. Any correction or alteration shall invalidate this report.

3. Report shall not be reproduced anywhere except in full and in the same format.

4. Unless informed by customer, the test items will not be claimed to meet the standards.

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.





TC 6226

TEST REPORT

Accredited to ISO 17025 (Chemical & Microbiology)

Report No :	ECI-SM-2023/04/048	Report Date :	08.04.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference	IWO Date: 03/04/2023	Sample Reference No :	ECI-SM-2023/04/048
Sample Drawn By :	ECI	Sample Received On :	03.04.2023
Sample Collected Date :	03.04.2023	Test Commenced On :	03.04.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	08.04.2023
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	Diesel Fired Drier-Silencer(Diesel)		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max.Permissible TNPCB norms for General Emission Standards
1.	Ambient Temperature	°C	32	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	1918	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	8.1	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	35.6	IS 11255:Part 01	50
8.	Port hole Height from G Level	m	5.0	---	NA
9.	Stack Diameter at port hole	m	0.30	---	NA
10.	Stack Height from G Level	m	6.0	---	NA
11.	Stack Temperature	°C	53	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	9.9	IS 11255:Part 02	NA

<--- End of Report --->

Verified By :

Remarks : In the above mentioned stack meets the requirements of TNPCB standards with respect to the parameters tested.
NA - Not Applicable

For ENVIRO CARE INDIA PRIVATE LIMITED
(Laboratory Division)


Authorized Signatory

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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6. Any dispute arising out of the report is subject to Madurai jurisdiction only.





TEST REPORT

Report No :	ECI-AAQ-2023/04/036	Report Date :	08.04.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No: 12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 03/04/2023	Sample Reference No :	ECI-AAQ-2023/04/036
Sample Drawn By :	ECI	Sample Received On :	04.04.2023
Sample Collected Date :	03.04.2023	Test Commenced On :	04.04.2023
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	08.04.2023
Sample Description :	Ambient Air	Sampling Method :	IS 5182:P14
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	26.6	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	27.4	IS 5182 Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	65.8	IS 5182 Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	8.5	IS 5182 Part 02	80

<--- End of Report --->

Verified By :

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

Authorized Signatory



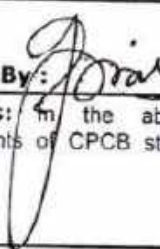
**TEST REPORT**

Accredited by NABL (Chemical & Biological)

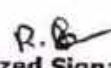
Report No :	ECI-AAQ-2023/04/034	Report Date :	08.04.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No: 12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 03/04/2023	Sample Reference No :	ECI-AAQ-2023/04/034
Sample Drawn By :	ECI	Sample Received On :	04.04.2023
Sample Collected Date :	03.04.2023	Test Commenced On :	04.04.2023
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	08.04.2023
Sample Description :	Ambient Air	Sampling Method :	IS 5182 P14
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	5.0
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	22.8	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	27.4	IS 5182:Part:24	50
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	68.5	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	7.5	IS 5182:Part 02	80

<--- End of Report --->

Verified By: 

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

Authorized Signatory

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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

Report No :	ECI-AAQ-2023/04/037	Report Date :	06.04.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No. 12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference	IWO Date: 03/04/2023	Sample Reference No.	ECI-AAQ-2023/04/037
Sample Drawn By	ECI	Sample Received On	04.04.2023
Sample Collected Date	03.04.2023	Test Commenced On	04.04.2023
Qty of Sample Received	Filter Paper & 25ml Solution	Test Completed On	08.04.2023
Sample Description	Ambient Air	Sampling Method	IS 5182 P14
Sample Mark:	Near Guest House		

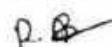
S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method 6015	400
2.	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4.	Benzo-a-Pyrene (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5.	Carbon Monoxide (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	16.6	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	17.5	IS 5182 Part 24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	44.8	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	4.2	IS 5182:Part 02	80

<--- End of Report --->

Verified By :

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)


Authorized Signatory





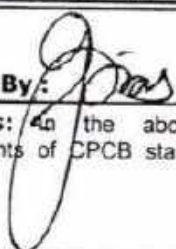
TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-AAQ-2023/04/035	Report Date :	08.04.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference	IWO Date: 03/04/2023	Sample Reference No	ECI-AAQ-2023/04/035
Sample Drawn By :	ECI	Sample Received On	04.04.2023
Sample Collected Date :	03.04.2023	Test Commenced On	04.04.2023
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On	08.04.2023
Sample Description :	Ambient Air	Sampling Method :	IS 5182:P14
Sample Mark:	Near Asbestos Godown		

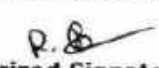
S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method:6015	400
2	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4	Benzo-a-Pyrene (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5	Carbon Monoxide (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	23.5	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	20.4	IS 5182:Part:24	60
11	Respirable Particulate Matter (PM ₁₀)	µg/m ³	55.8	IS 5182:Part 23	100
12	Sulphur Dioxide (as SO ₂)	µg/m ³	6.5	IS 5182:Part 02	80

<--- End of Report --->

Verified By: 

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)


Authorized Signatory

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

Note: The results are valid only for the test performed.

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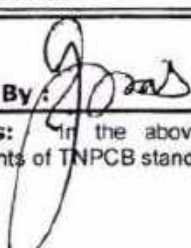
3. Unless informed by customer, the test items will not be retained for more than 15 days from date of issue of test report.

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

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



**TEST REPORT**

Report No :	ECI-NM-2023/04/016	Report Date :	08.04.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 03/04/2023	Sample Reference No :	ECI-NM-2023/04/016
Sample Description	Noise	Monitoring Date	03.04.2023
Monitored By :	ECI	Date Received On	04.04.2023
S.No	Locations	Day Time	
		Minimum	Maximum
1.	Near Main Gate	61.2	63.5
2.	Admin Office Area	63.9	65.1
3.	Stack Yard Area	57.1	59.2
4.	Toilet Area	65.1	67.2
5.	Canteen Area	65.1	66.9
6.	DG Room	72.5	73.9
7.	Main Machine Area	71.6	72.7
8.	RM Section	70.4	72.1
9.	Stripping Machine Area	71.8	73.5
10.	Work Shop Area	69.5	71.4
Unit		dB (A)	
TNPCB Max. Permissible Limit for Day Time (Industrial Area)		75	
Reference Method		IS 9989	
<--- End of Report --->			
Verified By :			
Remarks:	In the above mentioned location meets the requirements of TNPCB standards.		
		For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory)  Authorized Signatory	





TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No.:	ECI-NM-2023/04/015	Report Date:	08.04.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No: 12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference:	IWO Date: 03/04/2023	Sample Reference No.:	ECI-NM-2023/04/015
Sample Description:	Noise	Monitoring Date:	03.04.2023
Monitored By:	ECI	Data Received On:	04.04.2023
S.No	Locations	Night Time	
		Minimum	Maximum
1.	Near Main Gate	62.1	63.9
2.	Admin Office Area	64.1	65.7
3.	Stack Yard Area	57.1	59.4
4.	Toilet Area	65.1	67.3
5.	Canteen Area	66.1	67.5
6.	DG Room	68.8	69.1
7.	Main Machine Area	67.5	68.4
8.	RM Section	66.4	67.5
9.	Stripping Machine Area	68.1	69.2
10.	Work Shop Area	67.9	68.4
Unit		dB (A)	
TNPSB Max. Permissible Limit for Night Time (Industrial Area)		70	
Reference Method		IS 9989	
<--- End of Report --->			
Verified By:		For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory)	
Remarks: In the above mentioned locations meets the requirements of TNPSB standards		 Authorized Signatory	



43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103





RAMCO INDUSTRIES LIMITED

Assistant General Manager Production,
Ramco Industries Limited,
SIPCOT Industrial Area,
Gangaikondan,
TIRUNELVELI, Tamil Nadu.

Arakkonam

Date: 24.04.2023

We are giving below the count report of fibre dust samples received from Gangaikondan factory for the month of April 2023.

Ref. No.	Date of sampling	Location	S/P	Flow Rate (ml/min)	Sampling duration (min)	Fibre Count (nos)	Fibre concentration (ff/cc)
1	03.04.2023	ASBESTOS STORAGE GODOWN	S	1000	240	13	0.029
2	04.04.2023	BAG OPENING DEVICE / ERM	P	1000	240	9	0.020
3	05.04.2023	SLURRY MIXER	S	1000	240	7	0.015
4	06.04.2023	SHEETING MACHINE	P	1000	240	8	0.018
5	07.04.2023	CORRUGATOR	P	1000	240	7	0.015
6	07.04.2023	MOULDING AREA	P	1000	240	7	0.015
7	08.04.2023	LABORATORY ✓	P	1000	240	8	0.018
8	09.04.2023	LOADING AREA	S	1000	240	8	0.018
9	10.04.2023	NEAT MAIN GATE(OUT SIDE)	S	1000	240	5	0.011
10	11.04.2023	SEGREGATION	P	1000	240	9	0.020
11	12.04.2023	SALVAGE	S	1000	240	7	0.015
12	13.04.2023	PULVERIZER	P	1000	240	9	0.020

Remarks:-

*P-Personal

*S-Static

Un able to process

Hard copy of report along with sample boxes will be sent through courier

SENIOR MANAGER QUALITY



RAMCO INDUSTRIES LIMITED

Assistant General Manager Production,
Ramco Industries Limited,
SIPCOT Industrial Area,
Gangaikondan,
TIRUNELVELI, Tamil Nadu.

Arakkonam

Date: 24.04.2023

We are giving below the count report of fibre dust samples received from Gangaikondan factory for the month of April 2023.

Ref.No	Date of sampling	Location	Sampling status	Duration in minutes	Volume of Air in CC/Min	No of Fibres	Fibre Concentration (F/CC)
13	03.04.2023	Fiber De-Stack	*	10	10000	4	0.0212
14	03.04.2023	Pulverizer De-Stack	*	10	10000	5	0.0255

Remarks:-

*P-Personal

*S-Static

Un able to process

Hard copy of report along with sample boxes will be sent through courier

SENIOR MANAGER QUALITY

**TEST REPORT**Accredited by **NABL** (Chemical & Biological)

Report No :	ECI-SM-2023/05/013	Report Date :	10.05.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No.12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 05/05/2023	Sample Reference No :	ECI-SM-2023/05/013
Sample Drawn By :	ECI	Sample Received On :	06.05.2023
Sample Collected Date :	05.05.2023	Test Commenced On :	06.05.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	10.05.2023
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	Fibre Mill Dust Collector - (Chimney)		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Ambient Temperature	°C	32	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	2796	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	1.1	IS 11255:Part 01	2.0
8.	Port hole Height from G Level	m	5.0	---	NA
9.	Stack Diameter at port hole	m	0.35	---	NA
10.	Stack Height from G Level	m	26.0	---	NA
11.	Stack Temperature	°C	66	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

<--- End of Report --->

Verified By : 

Remarks : In the above mentioned stack marks, the requirements of TNPCB standards with respect to the parameters tested
NA - Not Applicable

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

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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

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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-SM-2023/05/012	Report Date :	10.05.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 05/05/2023	Sample Reference No :	ECI-SM-2023/05/012
Sample Drawn By :	ECI	Sample Received On :	06.05.2023
Sample Collected Date :	05.05.2023	Test Commenced On :	06.05.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	10.05.2023
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	Cement Fly Storage (Chimney)		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1	Ambient Temperature	°C	32	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	2669	IS 11255:Part 03	NA
5	Flue Gas velocity	m/sec	8.3	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	24.5	IS 11255:Part 01	50
8	Port hole Height from G Level	m	5.0	---	NA
9	Stack Diameter at port hole	m	0.35	---	NA
10	Stack Height from G Level	m	23.5	---	NA
11	Stack Temperature	°C	57	IS 11255:Part 03	NA
12	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

<--- End of Report --->

Verified By : *S. Ch.*

Remarks : In the above mentioned stack meets the requirements of TNPCB standards with respect to the parameters tested
NA - Not Applicable

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

R. B.
Authorized Signatory



43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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**TEST REPORT**Accredited by **NABL** (Chemical & Biological)

Report No :	ECI-SM-2023/05/015	Report Date :	10.05.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No.12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 05/05/2023	Sample Reference No :	ECI-SM-2023/05/015
Sample Drawn By :	ECI	Sample Received On :	06.05.2023
Sample Collected Date :	05.05.2023	Test Commenced On :	06.05.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	10.05.2023
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	DG 750 KVA - (Chimney)		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Ambient Temperature	°C	32	IS 11255 Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	0.4	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	0.5	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	2066	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	25.8	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	38.9	IS 11255:Part 01	50
8.	Port hole Height from G Level	m	5.0	---	NA
9.	Stack Diameter at port hole	m	0.30	---	NA
10.	Stack Height from G Level	m	15.0	---	NA
11.	Stack Temperature	°C	127	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	11.2	IS 11255:Part 02	NA

<--- End of Report --->

Verified By : 

Remarks : In the above mentioned stack meets the requirements of TNPCB standards with respect to the parameters tested
NA - Not Applicable

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)


Authorized Signatory

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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TC 6226

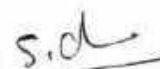
TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2023/05/017	Report Date :	10.05.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 05/05/2023	Sample Reference No	ECI-SM-2023/05/017
Sample Drawn By :	ECI	Sample Received On	06.05.2023
Sample Collected Date :	05.05.2023	Test Commenced On	06.05.2023
Qty of Sample Received	Thimble & 50 ml Soln	Test Completed On	10.05.2023
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	DG 380 KVA - (Chimney)		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max.Permissible TNPCB norms for General Emission Standards
1.	Ambient Temperature	°C	32	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)	0.3	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	1762	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	8.3	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	26.7	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	36.9	IS 11255:Part 01	50
8.	Port hole Height from G Level	m	5.0	---	NA
9.	Stack Diameter at port hole	m	0.30	---	NA
10.	Stack Height from G Level	m	6.0	---	NA
11.	Stack Temperature	°C	91	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	11.9	IS 11255:Part 02	NA

<--- End of Report --->

Verified By : 

Remarks : In the above mentioned stack meets the requirements of TNPCB standards with respect to the parameters tested
NA - Not Applicable

For ENVIRO CARE INDIA PRIVATE LIMITED
(Laboratory Division)




Authorized Signatory

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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TC 6226

TEST REPORTAccredited by **NABL** (Chemical & Biological)

Report No :	ECI-SM-2023/05/014	Report Date :	10.05.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No. 12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 05/05/2023	Sample Reference No :	ECI-SM-2023/05/014
Sample Drawn By :	ECI	Sample Received On :	06.05.2023
Sample Collected Date :	05.05.2023	Test Commenced On :	06.05.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	10.05.2023
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	Pulverizer Dust Collector (Chimney)		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Ambient Temperature	°C	32	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	3674	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	8.6	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	1.3	IS 11255:Part 01	2.0
8.	Port hole Height from G Level	m	6.0	---	NA
9.	Stack Diameter at port hole	m	0.40	---	NA
10.	Stack Height from G Level	m	9.0	---	NA
11.	Stack Temperature	°C	51	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

<--- End of Report --->

Verified By :

Remarks : In the above mentioned stack meets the requirements of TNPCB standards with respect to the parameters tested
NA - Not Applicable

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)



Authorized Signatory

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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TEST REPORT

Accredited by **NABL** (Chemical & Biological)

Report No :	ECI-SM-2023/05/016	Report Date:	10.05.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 05/05/2023	Sample Reference No :	ECI-SM-2023/05/016
Sample Drawn By :	ECI	Sample Received On :	06.05.2023
Sample Collected Date :	05.05.2023	Test Commenced On :	06.05.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	10.05.2023
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	Diesel Fired Drier-Silencer(Diesel)		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max Permissible TNPCB norms for General Emission Standards
1.	Ambient Temperature	°C	32	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	1865	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	7.8	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	38.7	IS 11255:Part 01	50
8.	Port hole Height from G Level	m	5.0	---	NA
9.	Stack Diameter at port hole	m	0.30	---	NA
10.	Stack Height from G Level	m	6.0	---	NA
11.	Stack Temperature	°C	52	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	7.3	IS 11255:Part 02	NA

<--- End of Report --->

Verified By : *S. Ch*

Remarks : In the above mentioned stack meets the requirements of TNPCB standards with respect to the parameters tested
NA - Not Applicable

For ENVIRO CARE INDIA PRIVATE LIMITED
(Laboratory Division)

P.B
Authorized Signatory



43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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TC 6226

TEST REPORTAccredited by **NABL** (Chemical & Biological)

Report No :	ECI-AAQ-2023/05/019	Report Date :	10.05.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 05/05/2023	Sample Reference No :	ECI-AAQ-2023/05/019
Sample Drawn By :	ECI	Sample Received On :	06.05.2023
Sample Collected Date :	05.05.2023	Test Commenced On :	06.05.2023
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	10.05.2023
Sample Description :	Ambient Air	Sampling Method :	IS 5182:P14
Sample Mark:	Near Main Gate		

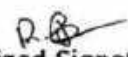
S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method 6015	400
2.	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4.	Benzo-a-Pyrine (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5.	Carbon Monoxide (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	18.5	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	36.8	IS 5182:Part 24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	75.4	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	8.1	IS 5182:Part 02	80

<--- End of Report --->

Verified By : 

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)



Authorized Signatory

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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TC 6226

TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-AAQ-2023/05/021	Report Date :	10.05.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 05/05/2023	Sample Reference No :	ECI-AAQ-2023/05/021
Sample Drawn By :	ECI	Sample Received On :	06.05.2023
Sample Collected Date :	05/05/2023	Test Commenced On :	06.05.2023
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	10.05.2023
Sample Description :	Ambient Air	Sampling Method :	IS 5182:P14
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	22.7	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	79.4	IS 5182:Part 23	100
12	Sulphur Dioxide (as SO ₂)	µg/m ³	9.6	IS 5182:Part 02	80

<--- End of Report --->

Verified By :



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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)



Authorized Signatory

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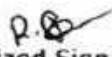
**TEST REPORT**

Accredited by NABL (Chemical & Biological)

Report No :	ECI-AAQ-2023/05/022	Report Date :	10.05.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No.12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 05/05/2023	Sample Reference No :	ECI-AAQ-2023/05/022
Sample Drawn By :	ECI	Sample Received On :	06.05.2023
Sample Collected Date :	05.05.2023	Test Commenced On :	06.05.2023
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	10.05.2023
Sample Description :	Ambient Air	Sampling Method :	IS 5182:P14
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	10.3	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	22.1	IS 5182:Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	49.9	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	5.7	IS 5182:Part 02	80

<--- End of Report --->

Verified By : **Remarks:** In the above mentioned location meets the requirements of CPCB standards with respect to the parameters tested.For **ENVIRO CARE INDIA PRIVATE LIMITED**
(Chemical Testing Laboratory)
Authorized Signatory

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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Report No :	ECI-AAQ-2023/05/020	Report Date :	10.05.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No.12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 05/05/2023	Sample Reference No :	ECI-AAQ-2023/05/020
Sample Drawn By :	ECI	Sample Received On :	06.05.2023
Sample Collected Date :	05.05.2023	Test Commenced On :	06.05.2023
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	10.05.2023
Sample Description :	Ambient Air	Sampling Method :	IS 5182:P14
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	19.3	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	29.1	IS 5182:Part 24	50
11	Respirable Particulate Matter (PM ₁₀)	µg/m ³	64.8	IS 5182:Part 23	100
12	Sulphur Dioxide (as SO ₂)	µg/m ³	8.4	IS 5182:Part 02	80

<--- End of Report --->

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TC 6226

TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-NM-2023/05/012	Report Date :	10.05.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No. 12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 05/05/2023	Sample Reference No :	ECI-NM-2023/05/012
Sample Description :	Noise	Monitoring Date :	05.05.2023
Monitored By :	ECI	Data Received On :	06.05.2023

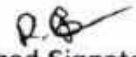
S.No	Locations	Day Time	
		Minimum	Maximum
1	Near Main Gate	61.0	62.5
2	Admin Office Area	63.2	64.7
3	Stack Yard Area	56.6	58.5
4	Toilet Area	64.3	66.1
5	Canteen Area	64.9	65.8
6	DG Room	84.2	86.3
7	Main Machine Area	85.3	87.2
8	RM Section	75.3	78.2
9	Stripping Machine Area	87.2	88.8
10	Work Shop Area	76.2	79.3

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

<--- End of Report --->

Verified By : 

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

Authorized Signatory

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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TC 6226

TEST REPORTAccredited by **NABL** (Chemical & Biological)

Report No :	ECI-NM-2023/05/013	Report Date :	10.05.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No. 12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 05/05/2023	Sample Reference No :	ECI-NM-2023/05/013
Sample Description :	Noise	Monitoring Date :	05.05.2023
Monitored By :	ECI	Data Received On :	06.05.2023

S.No	Locations	Night Time	
		Minimum	Maximum
1.	Near Main Gate	59.4	61.5
2.	Admin Office Area	62.1	63.9
3.	Stack Yard Area	55.0	57.1
4.	Toilet Area	60.2	64.3
5.	Canteen Area	62.1	64.5
6.	DG Room	75.9	79.2
7.	Main Machine Area	80.4	83.4
8.	RM Section	73.9	75.7
9.	Stripping Machine Area	85.3	87.9
10.	Work Shop Area	74.2	76.9

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

<--- End of Report --->

Verified By : *S. de*
Remarks : In the above mentioned locations meets the requirements of Factories Act Rules.

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

R.B.
Authorized Signatory

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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RAMCO INDUSTRIES LIMITED

Assistant General Manager Production,

Ramco Industries Limited ,

SIPCOT Industrial Area,

Gangaikondan,

TIRUNELVELI, Tamil Nadu.

Arakkonam

Date: 22.05.2023

We are giving below the count report of fibre dust samples received from Gangaikondan factory for the month of May 2023.

Ref.No.	Date of sampling	Location	S/P	Flow Rate (ml/min)	Sampling duration (min)	Fibre Count (nos)	Fibre concentration (t/cc)
1	02.05.2023	ASBESTOS STORAGE GODOWN	S	1000	240	9	0.020
2	03.05.2023	BAG OPENING DEVICE / ERM	P	1000	240	8	0.018
3	05.05.2023	SLURRY MIXER	S	1000	240	9	0.020
4	06.05.2023	SHEETING MACHINE	P	1000	240	7	0.015
5	06.05.2023	CORRUGATOR	P	1000	240	7	0.015
6	09.05.2023	MOULDING AREA	P	1000	240	6	0.018
7	10.05.2023	LABORATORY	P	1000	240	6	0.013
8	11.05.2023	LOADING AREA	S	1000	240	7	0.015
9	12.05.2023	NEAT MAIN GATE(OUT SIDE)	S	1000	240	5	0.011
10	13.05.2023	SEGREGATION	P	1000	240	7	0.015
11	13.05.2023	SALVAGE	S	1000	240	6	0.013
12	13.05.2023	PULVERIZER	P	1000	240	7	0.015

Remarks:-

*P- Personal

*S- Static

Un able to process

Hard copy of report along with sample boxes will be sent through courier

SENIOR MANAGER QUALITY



RAMCO INDUSTRIES LIMITED

Assistant General Manager Production,
Ramco Industries Limited,
SIPCOT Industrial Area,
Gangaikondan,
TIRUNELVELI, Tamil Nadu.

Arakkonam

Date: 22.05.2023

We are giving below the count report of fibre dust samples received from Gangaikondan factory for the month of May 2023.

Ref.No	Date of sampling	Location	Sampling status	Duration in minutes	Volume of Air in CC/Min	No of Fibres	Fibre Concentration (F/CC)
13	05.05.2023	Fiber De-Stack	*	10	10000	4	0.0212
14	05.05.2023	Pulverizer De-Stack	*	10	10000	3	0.0159

Remarks:-

*P-Personal

*S-Static

Un able to process

Hard copy of report along with sample boxes will be sent through courier

Prabhu

SENIOR MANAGER QUALITY



TC 6226

TEST REPORTAccredited by **NABL** (Chemical & Biological)

Report No :	ECI-SM-2023/06/058	Report Date :	14 06 2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No: 12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 12/06/2023	Sample Reference No :	ECI-SM-2023/06/058
Sample Drawn By :	ECI	Sample Received On :	12.06.2023
Sample Collected Date :	12.06.2023	Test Commenced On :	12.06.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	14.06.2023
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	Fibre Mill Dust Collector - (Chimney)		

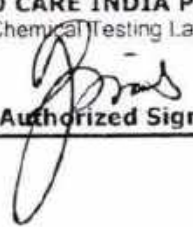
S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Ambient Temperature	°C	32	IS 11255 Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	< 0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	2688	IS 11255:Part 03	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	1.3	IS 11255 Part 01	2.0
8.	Port hole Height from G Level	m	5.0	---	NA
9.	Stack Diameter at port hole	m	0.35	---	NA
10.	Stack Height from G Level	m	26.0	---	NA
11.	Stack Temperature	°C	70	IS 11255 Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

<--- End of Report --->

Verified By : 

Remarks : In the above mentioned stack meets the requirements of TNPCB standards with respect to the parameters tested
NA - Not Applicable

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)


Authorized Signatory

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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**TEST REPORT**Accredited by **NABL** (Chemical & Biological)

Report No :	ECI-SM-2023/06/057	Report Date :	14.06.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No 12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 12/06/2023	Sample Reference No :	ECI-SM-2023/06/057
Sample Drawn By :	ECI	Sample Received On :	12.06.2023
Sample Collected Date :	12.06.2023	Test Commenced On :	12.06.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	14.06.2023
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	Cement Fly Storage (Chimney)		

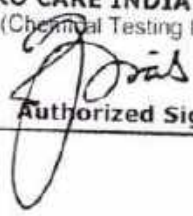
S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Ambient Temperature	°C	32	IS 11255 Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	< 0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	2608	IS 11255 Part 03	NA
5.	Flue Gas velocity	m/sec	8.2	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	28.5	IS 11255 Part 01	50
8.	Port hole Height from G Level	m	5.0	---	NA
9.	Stack Diameter at port hole	m	0.35	---	NA
10.	Stack Height from G Level	m	23.5	---	NA
11.	Stack Temperature	°C	60	IS 11255 Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255 Part 02	NA

<--- End of Report --->

Verified By: 

Remarks : In the above mentioned stack meets the requirements of TNPCB standards with respect to the parameters tested
NA - Not Applicable

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)


Authorized Signatory

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TC 6226

TEST REPORTAccredited by **NABL** (Chemical & Biological)

Report No :	ECI-SM-2023/06/060	Report Date :	14.06.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No.12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 12/06/2023	Sample Reference No :	ECI-SM-2023/06/060
Sample Drawn By :	ECI	Sample Received On :	12.06.2023
Sample Collected Date :	12.06.2023	Test Commenced On :	12.06.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	14.06.2023
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	DG 750 KVA - (Chimney)		

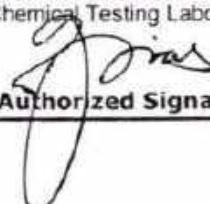
S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Ambient Temperature	°C	32	IS 11255 Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	0.4	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	0.5	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	2053	IS 11255 Part 03	NA
5.	Flue Gas velocity	m/sec	10.4	IS 11255 Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	21.5	IS 11255 Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	41.4	IS 11255 Part 01	50
8.	Port hole Height from G Level	m	5.0	---	NA
9.	Stack Diameter at port hole	m	0.30	---	NA
10.	Stack Height from G Level	m	15.0	---	NA
11.	Stack Temperature	°C	121	IS 11255 Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	8.9	IS 11255 Part 02	NA

<--- End of Report --->

Verified By : 

Remarks : In the above mentioned stack meets the requirements of TNPCB standards with respect to the parameters tested
NA - Not Applicable

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-2023/06/062	Report Date :	14.06.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 12/06/2023	Sample Reference No :	ECI-SM-2023/06/062
Sample Drawn By :	ECI	Sample Received On :	12.06.2023
Sample Collected Date :	12.06.2023	Test Commenced On :	12.06.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	14.06.2023
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	DG 380 KVA - (Chimney)		

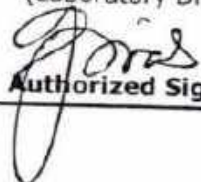
S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max.Permissible TNPCB norms for General Emission Standards
1.	Ambient Temperature	°C	32	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	0.3	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	1696	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	7.9	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	24.7	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	33.4	IS 11255:Part 01	50
8.	Port hole Height from G Level	m	5.0	---	NA
9.	Stack Diameter at port hole	m	0.30	---	NA
10.	Stack Height from G Level	m	6.0	---	NA
11.	Stack Temperature	°C	88	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	9.3	IS 11255:Part 02	NA

<--- End of Report --->

Verified By : 

Remarks : In the above mentioned stack meets the requirements of TNPCB standards with respect to the parameters tested
NA - Not Applicable

For ENVIRO CARE INDIA PRIVATE LIMITED
(Laboratory Division)


Authorized Signatory

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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**TEST REPORT**Accredited by **NABL** (Chemical & Biological)

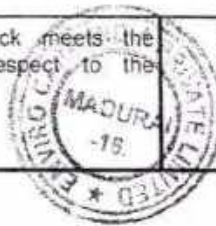
Report No :	ECI-SM-2023/06/058	Report Date :	14.06.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 12/05/2023	Sample Reference No :	ECI-SM-2023/06/058
Sample Drawn By :	ECI	Sample Received On :	12.06.2023
Sample Collected Date :	12.06.2023	Test Commenced On :	12.06.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	14.06.2023
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	Pulverizer Dust Collector (Chimney)		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Ambient Temperature	°C	32	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	3635	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	1.2	IS 11255:Part 01	2.0
8.	Port hole Height from G Level	m	6.0	---	NA
9.	Stack Diameter at port hole	m	0.40	---	NA
10.	Stack Height from G Level	m	9.0	---	NA
11.	Stack Temperature	°C	47	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

<--- End of Report --->

Verified By : 

Remarks : In the above mentioned stack meets the requirements of TNPCB standards with respect to the parameters tested
NA - Not Applicable

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

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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TEST REPORT

Accredited by **NABL** (Chemical & Biological)

Report No :	ECI-SM-2023/06/061	Report Date :	14.06.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No.12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 12/06/2023	Sample Reference No :	ECI-SM-2023/06/061
Sample Drawn By :	ECI	Sample Received On :	12.06.2023
Sample Collected Date :	12.06.2023	Test Commenced On :	12.06.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	14.06.2023
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	Diesel Fired Drier-Silencer(Diesel)		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max.Permissible TNPCB norms for General Emission Standards
1.	Ambient Temperature	°C	32	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	1776	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	7.5	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	28.5	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	31.4	IS 11255:Part 01	50
8.	Port hole Height from G Level	m	5.0	---	NA
9.	Stack Diameter at port hole	m	0.30	---	NA
10.	Stack Height from G Level	m	6.0	---	NA
11.	Stack Temperature	°C	56	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	6.8	IS 11255:Part 02	NA

<--- End of Report --->

Verified By : *[Signature]*

Remarks : In the above mentioned stack meets the requirements of TNPCB standards with respect to the parameters tested
NA - Not Applicable

For ENVIRO CARE INDIA PRIVATE LIMITED
(Laboratory Division)

[Signature]
Authorized Signatory

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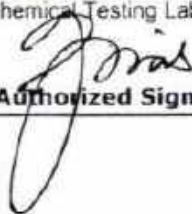


**TEST REPORT**Accredited by **NABL** (Chemical & Biological)

Report No :	ECI-AAQ-2023/06/133	Report Date :	14.06.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No. 12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 12/06/2023	Sample Reference No :	ECI-AAQ-2023/06/133
Sample Drawn By :	ECI	Sample Received On :	12.06.2023
Sample Collected Date :	12.06.2023	Test Commenced On :	12.06.2023
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	14.06.2023
Sample Description :	Ambient Air	Sampling Method :	IS 5182:P14
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	15.1	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	32.3	IS 5182:Part 24	60
11	Respirable Particulate Matter (PM ₁₀)	µg/m ³	71.4	IS 5182:Part 23	100
12	Sulphur Dioxide (as SO ₂)	µg/m ³	6.9	IS 5182:Part 02	80

<--- End of Report --->

Verified By : **Remarks:** In the above mentioned location meets the requirements of CPCB standards with respect to the parameters tested.For **ENVIRO CARE INDIA PRIVATE LIMITED**
(Chemical Testing Laboratory)
Authorized Signatory

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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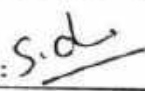


**TEST REPORT**Accredited by **NABL** (Chemical & Biological)

Report No :	ECI-AAQ-2023/06/131	Report Date :	14.06.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No 12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 12/06/2023	Sample Reference No :	ECI-AAQ-2023/06/131
Sample Drawn By :	ECI	Sample Received On :	12.06.2023
Sample Collected Date :	12.06.2023	Test Commenced On :	12.06.2023
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	14.06.2023
Sample Description :	Ambient Air	Sampling Method :	IS 5182:P14
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	24.5	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	33.8	IS 5182:Part 24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	72.5	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	8.1	IS 5182:Part 02	80

<--- End of Report --->

Verified By : **Remarks:** In the above mentioned location meets the requirements of CPCB standards with respect to the parameters tested.**For ENVIRO CARE INDIA PRIVATE LIMITED**
(Chemical Testing Laboratory)
Authorized Signatory

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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**TEST REPORT**Accredited by **NABL** (Chemical & Biological)

Report No :	ECI-AAQ-2023/06/130	Report Date :	14.06.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWD Date: 12/06/2023	Sample Reference No :	ECI-AAQ-2023/06/130
Sample Drawn By :	ECI	Sample Received On :	12.06.2023
Sample Collected Date :	12.06.2023	Test Commenced On :	12.06.2023
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	14.06.2023
Sample Description :	Ambient Air	Sampling Method :	IS 5182 P14
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	16.4	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	21.1	IS 5182:Part 24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	53.2	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	6.8	IS 5182:Part 02	80

<--- End of Report --->

Verified By :

Remarks: In the above mentioned location meets the requirements of CPCB standards with respect to the parameters tested.**For ENVIRO CARE INDIA PRIVATE LIMITED**
(Chemical Testing Laboratory)
Authorized Signatory

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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TEST REPORT

Accredited by **NABL** (Chemical & Biological)

Report No :	ECI-AAQ-2023/06/132	Report Date :	14.06.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No.12A, Sippot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWD Date: 12/06/2023	Sample Reference No :	ECI-AAQ-2023/06/132
Sample Drawn By :	ECI	Sample Received On :	12.06.2023
Sample Collected Date :	12.06.2023	Test Commenced On :	12.06.2023
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	14.06.2023
Sample Description :	Ambient Air	Sampling Method :	IS 5182:P14
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	21.1	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	25.4	IS 5182:Part 24	60
11	Respirable Particulate Matter (PM ₁₀)	µg/m ³	60.6	IS 5182:Part 23	100
12	Sulphur Dioxide (as SO ₂)	µg/m ³	6.8	IS 5182:Part 02	80

<--- End of Report --->

Verified By : *S. Ch.*

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

[Signature]
Authorized Signatory

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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TEST REPORT

Accredited by **NABL** (Chemical & Biological)

Report No :	ECI-NM-2023/06/048	Report Date :	14.06.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No. 12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 12/06/2023	Sample Reference No :	ECI-NM-2023/06/048
Sample Description :	Noise	Monitoring Date :	12.06.2023
Monitored By :	ECI	Data Received On :	12.06.2023

S.No	Locations	Day Time	
		Minimum	Maximum
1	Near Main Gate	62.4	64.5
2	Admin Office Area	65.8	66.8
3	Stack Yard Area	65.1	67.4
4	Toilet Area	66.8	68.3
5	Canteen Area	68.4	70.5
6	DG Room	73.4	75.1
7	Main Machine Area	83.4	86.1
8	RM Section	81.4	82.4
9	Stripping Machine Area	84.4	87.2
10	Work Shop Area	81.2	83.8
Unit		dB (A)	
Max. Permissible Limit for Noise (Factories Rules, 1950)		90	
Reference Method		IS 9989	

<--- End of Report --->

Verified By : *Sid*

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

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

[Signature]
Authorized Signatory



43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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TEST REPORT

Accredited by **NABL** (Chemical & Biological)

Report No :	ECI-NM-2023/06/047	Report Date :	14.06.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No.12A Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 12/06/2023	Sample Reference No :	ECI-NM-2023/06/047
Sample Description :	Noise	Monitoring Date :	12.06.2023
Monitored By :	ECI	Data Received On :	12.06.2023

S.No	Locations	Night Time	
		Minimum	Maximum
1	Near Main Gate	55.8	56.4
2	Admin Office Area	58.4	60.5
3	Stack Yard Area	54.5	56.7
4	Toilet Area	50.2	52.2
5	Canteen Area	58.1	60.5
6	DG Room	70.5	71.4
7	Main Machine Area	78.4	79.3
8	RM Section	72.3	74.5
9	Stripping Machine Area	76.8	78.1
10	Work Shop Area	71.5	72.4
Unit		dB (A)	
Max. Permissible Limit for Noise (Factories Rules, 1950)		90	
Reference Method		IS 9989	

<--- End of Report --->

Verified By : *S. Ch*

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

[Signature]
Authorized Signatory



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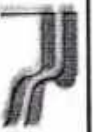
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RAMCO INDUSTRIES LIMITED

Assistant General Manager Production,

Ramco Industries Limited,

SIPCOT Industrial Area,

Gangaikondan,

TIRUNELVELI, Tamil Nadu.

Arakkonam

Date: 05.07.2023

We are giving below the count report of fibre dust samples received from Gangaikondan factory for the month of June 2023.

Ref.No.	Date of sampling	Location	S/P	Flow Rate (ml/min)	Sampling duration (min)	Fibre Count (nos)	Fibre concentration (f/cc)
1	01.06.2023	ASBESTOS STORAGE GODOWN	S	1000	240	12	0.0265
2	03.06.2023	BAG OPENING DEVICE / ERM	P	1000	240	15	0.0331
3	05.06.2023	SLURRY MIXER	S	1000	240	8	0.0176
4	07.06.2023	SHEETING MACHINE	P	1000	240	6	0.0132
5	08.06.2023	CORRUGATOR	P	1000	240	10	0.0220
6	09.06.2023	MOULDING AREA	P	1000	240	7	0.0154
7	12.06.2023	LABORATORY	P	1000	240	8	0.0176
8	14.06.2023	LOADING AREA	S	1000	240	10	0.0220
9	15.06.2023	NEAT MAIN GATE(OUT SIDE)	S	1000	240	6	0.0132
10	17.06.2023	SEGREGATION	P	1000	240	12	0.0265
11	19.06.2023	SALVAGE	S	1000	240	15	0.0331
12	20.06.2023	PULVERIZER	P	1000	240	10	0.0220

Remarks:-

*P- Personal

*S- Static

Un able to process

Hard copy of report along with sample boxes will be sent through courier

for S. Jay
SENIOR MANAGER QUALITY



RAMCO INDUSTRIES LIMITED

Assistant General Manager Production,
Ramco Industries Limited,
SIPCOT Industrial Area,
Gangaikondan,
TIRUNELVELI, Tamil Nadu.

Arakkonam

Date: 05.07.2023

We are giving below the count report of fibre dust samples received from Gangaikondan factory for the month of June 2023.

Ref.No	Date of sampling	Location	Sampling status	Duration in minutes	Volume of Air in CC/Min	No of Fibres	Fibre Concentration (F/CC)
13	12.06.2023	Fiber De-Stack	*	10	10000	3	0.0159
14	12.06.2023	Pulverizer De-Stack	*	10	10000	4	0.0212

Remarks:-

*P- Personal

*S- Static

Un able to process

Hard copy of report along with sample boxes will be sent through courier

for S. Jayar
SENIOR MANAGER QUALITY



TC 6226

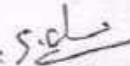
TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2023/07/006	Report Date :	06.07.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No. 12A, Sipcot Industrial Growth Centre Gangaikondan, Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/07/2023	Sample Reference No :	ECI-SM-2023/07/006
Sample Drawn By :	ECI	Sample Received On :	01.07.2023
Sample Collected Date :	01.07.2023	Test Commenced On :	01.07.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	06.07.2023
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	Fibre Mill Dust Collector - (Chimney)		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1	Ambient Temperature	°C	32	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	2523	IS 11255:Part 03	NA
5	Flue Gas velocity	m/sec	8.3	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	1.1	IS 11255:Part 01	2.0
8	Port hole Height from G Level	m	5.0	---	NA
9	Stack Diameter at port hole	m	0.35	---	NA
10	Stack Height from G Level	m	26.0	---	NA
11	Stack Temperature	°C	75	IS 11255:Part 03	NA
12	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

<--- End of Report --->

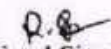
Verified By : 

Remarks : In the above mentioned stack meets the requirements of TNPCB standards with respect to the parameters tested

NA - Not Applicable

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)




Authorized Signatory

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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





TC 6226

TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2023/07/005	Report Date :	06.07.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No. 12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/07/2023	Sample Reference No :	ECI-SM-2023/07/005
Sample Drawn By :	ECI	Sample Received On :	01.07.2023
Sample Collected Date :	01.07.2023	Test Commenced On :	01.07.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	06.07.2023
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	Cement Fly Storage (Chimney)		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Ambient Temperature	°C	32	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	2539	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	8.1	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	25.7	IS 11255:Part 01	50
8.	Port hole Height from G Level	m	5.0	---	NA
9.	Stack Diameter at port hole	m	0.35	---	NA
10.	Stack Height from G Level	m	23.5	---	NA
11.	Stack Temperature	°C	65	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

<--- End of Report --->

Verified By : 

Remarks : In the above mentioned stack meets the requirements of TNPCB standards with respect to parameters tested
NA - Not Applicable

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)




Authorized Signatory

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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TEST REPORT

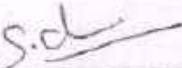
Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2023/07/008	Report Date :	06.07.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangakondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/07/2023	Sample Reference No :	ECI-SM-2023/07/008
Sample Drawn By :	ECI	Sample Received On :	01.07.2023
Sample Collected Date :	01.07.2023	Test Commenced On :	01.07.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	06.07.2023
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	DG 750 KVA - (Chimney)		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Ambient Temperature	°C	32	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)	0.3	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	1756	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	18.6	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	38.3	IS 11255:Part 01	50
8.	Port hole Height from G Level	m	5.0	---	NA
9.	Stack Diameter at port hole	m	0.30	---	NA
10.	Stack Height from G Level	m	15.0	---	NA
11.	Stack Temperature	°C	116	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	7.2	IS 11255:Part 02	NA

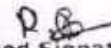
<--- End of Report --->

Verified By :



Remarks : In the above mentioned stack meets requirements of TNPCB standards with respect parameters tested
NA - Not Applicable


ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)


Authorized Signatory

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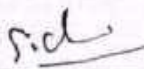
TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2023/07/010	Report Date :	06.07.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No. 12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/07/2023	Sample Reference No :	ECI-SM-2023/07/010
Sample Drawn By :	ECI	Sample Received On :	01.07.2023
Sample Collected Date :	01.07.2023	Test Commenced On :	01.07.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	06.07.2023
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	DG 380 KVA - (Chimney)		

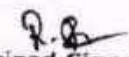
S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Ambient Temperature	°C	32	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	1810	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	8.5	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	26.8	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	35.4	IS 11255:Part 01	50
8.	Port hole Height from G Level	m	5.0	---	NA
9.	Stack Diameter at port hole	m	0.30	---	NA
10.	Stack Height from G Level	m	6.0	---	NA
11.	Stack Temperature	°C	93	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	10.7	IS 11255:Part 02	NA

<--- End of Report --->

Verified By : 

Remarks : In the above mentioned stack meets the requirements of TNPCB standards with respect to parameters tested
NA - Not Applicable

For ENVIRO CARE INDIA PRIVATE LIMITED
(Laboratory Division)



Authorized Signatory

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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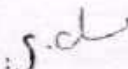
**TEST REPORT**

Accredited by NABL (Chemical & Biological)

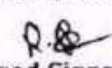
Report No :	ECI-SM-2023/07/007	Report Date :	06.07.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No. 12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/07/2023	Sample Reference No :	ECI-SM-2023/07/007
Sample Drawn By :	ECI	Sample Received On :	01.07.2023
Sample Collected Date :	01.07.2023	Test Commenced On :	01.07.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	06.07.2023
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	Pulverizer Dust Collector (Chimney)		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1	Ambient Temperature	°C	32	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	3349	IS 11255:Part 03	NA
5	Flue Gas velocity	m/sec	7.9	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	Port hole Height from G Level	m	6.0	---	NA
9	Stack Diameter at port hole	m	0.40	---	NA
10	Stack Height from G Level	m	9.0	---	NA
11	Stack Temperature	°C	52	IS 11255:Part 03	NA
12	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

<--- End of Report --->

Verified By : 

Remarks : In the above mentioned stack meets the requirements of TNPCB standards with respect to parameters tested
NA - Not Applicable

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

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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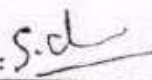
TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2023/07/009	Report Date :	06.07.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No. 12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/07/2023	Sample Reference No :	ECI-SM-2023/07/009
Sample Drawn By :	ECI	Sample Received On :	01.07.2023
Sample Collected Date :	01.07.2023	Test Commenced On :	01.07.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	06.07.2023
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	Diesel Fired Drier-Silencer(Diesel)		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max Permissible TNPCB norms for General Emission Standards
1.	Ambient Temperature	°C	32	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)	0.4	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	1877	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	8.1	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	24.2	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	34.5	IS 11255:Part 01	50
8.	Port hole Height from G Level	m	5.0	---	NA
9.	Stack Diameter at port hole	m	0.30	---	NA
10.	Stack Height from G Level	m	6.0	---	NA
11.	Stack Temperature	°C	61	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	8.5	IS 11255:Part 02	NA

<--- End of Report --->

Verified By : 

Remarks : In the above mentioned stack meets the requirements of TNPCB standards with respect to the parameters tested
NA - Not Applicable

For ENVIRO CARE INDIA PRIVATE LIMITED
(Laboratory Division)




Authorized Signatory

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-AAQ-2023/07/017	Report Date :	06.07.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No: 12A Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/07/2023	Sample Reference No :	ECI-AAQ-2023/07/017
Sample Drawn By :	ECI	Sample Received On :	01.07.2023
Sample Collected Date :	01.07.2023	Test Commenced On :	01.07.2023
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	06.07.2023
Sample Description :	Ambient Air	Sampling Method :	IS 5182:P14
Sample Mark:	Near Main Gate		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH_3)	$\mu\text{g}/\text{m}^3$	< 1.0	NIOSH Method 6015	400
2.	Arsenic (as As)	ng/m^3	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C_6H_6)	$\mu\text{g}/\text{m}^3$	< 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)	$\mu\text{g}/\text{m}^3$	< 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)	$\mu\text{g}/\text{m}^3$	12.6	IS 5182:Part 06	80
9.	Ozone (as O_3)	$\mu\text{g}/\text{m}^3$	< 9.8	IS 5182:Part 09	180
10.	Particulate Matter ($\text{PM}_{2.5}$)	$\mu\text{g}/\text{m}^3$	30.6	IS 5182:Part 24	60
11.	Respirable Particulate Matter (PM_{10})	$\mu\text{g}/\text{m}^3$	67.9	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO_2)	$\mu\text{g}/\text{m}^3$	7.3	IS 5182:Part 02	80

--- End of Report ---

Verified By : *S. S. S.*

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



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

R. R.
Authorized Signatory

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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TC 6226

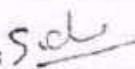
TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-AAQ-2023/07/015	Report Date :	06.07.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No. 12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWD Date: 01/07/2023	Sample Reference No :	ECI-AAQ-2023/07/015
Sample Drawn By :	ECI	Sample Received On :	01.07.2023
Sample Collected Date :	01.07.2023	Test Commenced On :	01.07.2023
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	06.07.2023
Sample Description :	Ambient Air	Sampling Method :	IS 5182:P14
Sample Mark:	Near Stock 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	0.0
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	21.4	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	31.7	IS 5182 Part 24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	68.5	IS 5182 Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	7.2	IS 5182 Part 02	80

<--- End of Report --->

Verified By : 

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)




Authorized Signatory

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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TC 6226

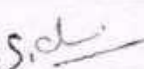
TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-AAQ-2023/07/014	Report Date :	06.07.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No.12A, Sippot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/07/2023	Sample Reference No :	ECI-AAQ-2023/07/014
Sample Drawn By :	ECI	Sample Received On :	01.07.2023
Sample Collected Date :	01.07.2023	Test Commenced On :	01.07.2023
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	06.07.2023
Sample Description :	Ambient Air	Sampling Method :	IS 5182 P14
Sample Mark:	Near Guest House		

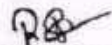
S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method.6015	400
2.	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4.	Benzo-a-Pyrene (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5.	Carbon Monoxide (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	12.8	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	19.4	IS 5182 Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	50.6	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	5.1	IS 5182:Part 02	80

<--- End of Report --->

Verified By : 

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


ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)


Authorized Signatory

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

Note : 1. The results relate only to this nomination.

2. Any correction not attested shall be invalid in report.

3. Report shall not be reproduced anywhere except 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 nominal amount.

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





TC 6226

TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-AAQ-2023/07/016	Report Date :	06.07.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No 12A, Sipcot Industrial Growth Centre Gangukondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/07/2023	Sample Reference No :	ECI-AAQ-2023/07/016
Sample Drawn By :	ECI	Sample Received On :	01.07.2023
Sample Collected Date :	01.07.2023	Test Commenced On :	01.07.2023
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	06.07.2023
Sample Description :	Ambient Air	Sampling Method :	IS 5182-P14
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	24.6	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	27.2	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	8.4	IS 5182 Part 02	80

<--- End of Report --->

Verified By : 

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)


Authorized Signatory

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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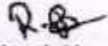




TC 6226

TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-NM-2023/07/007	Report Date :	06.07.2023		
Customer Name & Address	M/s. Ramco Industries Ltd Plot No: 12A, Sipcot Industrial Growth Centre Gangakondan Tirunelveli Dist-627352				
Customer Reference :	IWO Date: 01/07/2023	Sample Reference No :	ECI-NM-2023/07/007		
Sample Description :	Noise	Monitoring Date :	01.07.2023		
Monitored By :	ECI	Data Received On :	01.07.2023		
S.No	Locations	Day Time			
		Minimum	Maximum		
1	Near Main Gate	60.9	61.5		
2	Admin Office Area	63.4	65.1		
3	Stack Yard Area	66.8	68.5		
4	Toilet Area	64.5	66.7		
5	Canteen Area	69.9	71.5		
6	DG Room	72.8	74.2		
7	Main Machine Area	81.5	84.7		
8	RM Section	79.6	80.2		
9	Stripping Machine Area	83.1	85.4		
10	Work Shop Area	82.5	84.2		
Unit		dB (A)			
Max. Permissible Limit for Noise (Factories Rules, 1950)		90			
Reference Method		IS 9989			
<--- End of Report --->					
Verified By : <i>S.d.</i>					
Remarks: In the above mentioned locations meets requirements of Factories Act Rules.					
		FOR ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory)			
		 Authorized Signatory			

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-NM-2023/07/005	Report Date :	06.07.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No: 12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/07/2023	Sample Reference No :	ECI-NM-2023/07/006
Sample Description :	Noise	Monitoring Date :	01.07.2023
Monitored By :	ECI	Data Received On :	01.07.2023
S.No	Locations	Night Time	
		Minimum	Maximum
1.	Near Main Gate		
2.	Admin Office Area	52.6	54.1
3.	Stack Yard Area	60.5	61.2
4.	Toilet Area	51.8	53.6
5.	Canteen Area	52.1	53.7
6.	DG Room	56.7	58.5
7.	Main Machine Area	69.2	70.4
8.	RM Section	74.5	76.1
9.	Stripping Machine Area	71.0	72.3
10.	Work Shop Area	74.8	76.2
Unit			dB (A)
Max. Permissible Limit for Noise (Factories Rules, 1950)			90
Reference Method			IS 9989
<--- End of Report --->			
Verified By : <i>S. S. S.</i>			
Remarks : In the above mentioned locations meet requirements of Factories Act Rules.			
		For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory)	
		<i>R. S.</i> Authorized Signatory	

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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RAIMCO INDUSTRIES LIMITED

Assistant General Manager Production,
Ramco Industries Limited,
SIPCOT Industrial Area,
Gangaikondan,
TIRUNELVELI, Tamil Nadu.

Arakkonam

Date: 28.08.2023

We are giving below the count report of fibre dust samples received from Gangaikondan factory for the month of July 2023.

Ref.No.	Date of sampling	Location	S/P	Flow Rate (ml/min)	Sampling duration (min)	Fibre Count (nos)	Fibre concentration (f/cc)
1	01.07.2023	ASBESTOS STORAGE GODOWN	S	1000	240	11	0.024
2	02.07.2023	BAG OPENING DEVICE / ERM	P	1000	240	13	0.029
3	03.07.2023	SLURRY MIXER	S	1000	240	9	0.020
4	05.07.2023	SHEETING MACHINE	P	1000	240	8	0.018
5	05.07.2023	CORRUGATOR	P	1000	240	8	0.018
6	07.07.2023	MOULDING AREA	P	1000	240	7	0.015
7	08.07.2023	LABORATORY	P	1000	240	7	0.015
8	09.07.2023	LOADING AREA	S	1000	240	9	0.020
9	10.07.2023	NEAT MAIN GATE(OUT SIDE)	S	1000	240	5	0.011
10	11.07.2023	SEGREGATION	P	1000	240	10	0.022
11	12.07.2023	SALVAGE	S	1000	240	10	0.022
12	13.07.2023	PULVERIZER	P	1000	240	10	0.022

Remarks:-

*P- Personal
*S- Static
Un able to process

Hard copy of report along with sample boxes will be sent through courier

SENIOR MANAGER QUALITY



RAMCO INDUSTRIES LIMITED

Assistant General Manager Production,
Ramco Industries Limited,
SIPCOT Industrial Area,
Gangaikondan,
TIRUNELVELI, Tamil Nadu.

Arakkonam

Date: 28.08.2023

We are giving below the count report of fibre dust samples received from Gangaikondan factory for the month of July 2023.

Ref.No	Date of sampling	Location	Sampling status	Duration in minutes	Volume of Air in CC/Min	No of Fibres	Fibre Concentration (F/CC)
13	03.07.2023	Fiber De-Stack	*	10	10000	4	0.0212
14	03.07.2023	Pulverizer De-Stack	*	10	10000	5	0.0265

Remarks:-

- *P-Personal
- *S-Static
- # Un able to process

Hard copy of report along with sample boxes will be sent through courier

[Signature]

SENIOR MANAGER QUALITY



TC 6226



TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2023/08/016	Report Date :	05.08.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No.12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 02/08/2023	Sample Reference No :	ECI-SM-2023/08/016
Sample Drawn By :	ECI	Sample Received On :	02.08.2023
Sample Collected Date :	02.08.2023	Test Commenced On :	02.08.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	05.08.2023
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	Fibre Mill Dust Collector - (Chimney)		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Ambient Temperature	°C	32	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	3233	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	11.3	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	1.2	IS 11255:Part 01	2.0
8.	Port hole Height from G Level	m	5.0	---	NA
9.	Stack Diameter at port hole	m	0.35	---	NA
10.	Stack Height from G Level	m	26.0	---	NA
11.	Stack Temperature	°C	95	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

<--- End of Report --->

Verified By :

Remarks : In the above mentioned stack meets the requirements of TNPCB standards with respect to the parameters tested
NA - Not Applicable

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)



Authorized Signatory

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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TC 6226

**TEST REPORT**

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2023/08/015	Report Date :	05.08.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 02/08/2023	Sample Reference No :	ECI-SM-2023/08/015
Sample Drawn By :	ECI	Sample Received On :	02.08.2023
Sample Collected Date :	02.08.2023	Test Commenced On :	02.08.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	05.08.2023
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	Cement Fly Storage (Chimney)		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Ambient Temperature	°C	32	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	3462	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	10.7	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	26.4	IS 11255:Part 01	50
8.	Port hole Height from G Level	m	5.0	---	NA
9.	Stack Diameter at port hole	m	0.35	---	NA
10.	Stack Height from G Level	m	23.5	---	NA
11.	Stack Temperature	°C	55	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

--- End of Report ---

Verified By :

Remarks : In the above mentioned stack meets the requirements of TNPCB standards with respect to the parameters tested
NA - Not Applicable

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)



Authorized Signatory

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2023/08/018	Report Date :	05.08.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No.12A, Sipoot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 02/08/2023	Sample Reference No :	ECI-SM-2023/08/018
Sample Drawn By :	ECI	Sample Received On :	02.08.2023
Sample Collected Date :	02.08.2023	Test Commenced On :	02.08.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	05.08.2023
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	DG 750 KVA - (Chimney)		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Ambient Temperature	°C	32	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)	0.3	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	2122	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	11.6	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	33.8	IS 11255:Part 01	50
8.	Port hole Height from G Level	m	5.0	---	NA
9.	Stack Diameter at port hole	m	0.30	---	NA
10.	Stack Height from G Level	m	15.0	---	NA
11.	Stack Temperature	°C	152	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	9.5	IS 11255:Part 02	NA

<--- End of Report --->

Verified By : *S. Ch.*

Remarks : In the above mentioned stack meets the requirements of TNPCB standards with respect to the parameters tested
NA - Not Applicable

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)



[Signature]
Authorized Signatory

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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TC 6226



TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2023/08/020	Report Date :	05.08.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 02/08/2023	Sample Reference No :	ECI-SM-2023/08/020
Sample Drawn By :	ECI	Sample Received On :	02.08.2023
Sample Collected Date :	02.08.2023	Test Commenced On :	02.08.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	05.08.2023
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	DG 380 KVA - (Chimney)		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Ambient Temperature	°C	32	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	1975	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	22.4	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	30.4	IS 11255:Part 01	50
8.	Port hole Height from G Level	m	5.0	---	NA
9.	Stack Diameter at port hole	m	0.30	---	NA
10.	Stack Height from G Level	m	6.0	---	NA
11.	Stack Temperature	°C	70	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	6.5	IS 11255:Part 02	NA

<--- End of Report --->

Verified By : *Sich*

Remarks : In the above mentioned stack meets the requirements of TNPCB standards with respect to the parameters tested
NA - Not Applicable

For ENVIRO CARE INDIA PRIVATE LIMITED
(Laboratory Division)



Authorized Signatory

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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TC 6226



TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2023/08/017	Report Date :	05.08.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No: 12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 02/08/2023	Sample Reference No :	ECI-SM-2023/08/017
Sample Drawn By :	ECI	Sample Received On :	02.08.2023
Sample Collected Date :	02.08.2023	Test Commenced On :	02.08.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	05.08.2023
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	Pulverizer Dust Collector (Chimney)		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Ambient Temperature	°C	32	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	4275	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	1.4	IS 11255 Part 01	2.0
8.	Port hole Height from G Level	m	6.0	---	NA
9.	Stack Diameter at port hole	m	0.40	---	NA
10.	Stack Height from G Level	m	9.0	---	NA
11.	Stack Temperature	°C	70	IS 11255 Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255 Part 02	NA

<--- End of Report --->

Verified By : *S. d.*

Remarks : In the above mentioned stack meets the requirements of TNPCB standards with respect to the parameters tested
NA - Not Applicable

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

*[Signature]*
Authorized Signatory

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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

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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-2023/08/019	Report Date :	05.08.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	WO Date: 02/08/2023	Sample Reference No :	ECI-SM-2023/08/019
Sample Drawn By :	ECI	Sample Received On :	02.08.2023
Sample Collected Date :	02.08.2023	Test Commenced On :	02.08.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	05.08.2023
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	Diesel Fired Drier-Silencer(Diesel)		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max.Permissible TNPCB norms for General Emission Standards
1.	Ambient Temperature	°C	32	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)	0.4	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	1986	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	20.5	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	32.4	IS 11255:Part 01	50
8.	Port hole Height from G Level	m	5.0	---	NA
9.	Stack Diameter at port hole	m	0.30	---	NA
10.	Stack Height from G Level	m	6.0	---	NA
11.	Stack Temperature	°C	66	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	6.6	IS 11255:Part 02	NA

<--- End of Report --->

Verified By : *S. Ch*

Remarks : In the above mentioned stack meets the requirements of TNPCB standards with respect to the parameters tested
NA - Not Applicable

For ENVIRO CARE INDIA PRIVATE LIMITED
(Laboratory Division)



[Signature]
Authorized Signatory

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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TC 6226

TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-AAQ-2023/08/013	Report Date :	05.08.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 02/08/2023	Sample Reference No :	ECI-AAQ-2023/08/013
Sample Drawn By :	ECI	Sample Received On :	02.08.2023
Sample Collected Date :	02.08.2023	Test Commenced On :	02.08.2023
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	05.08.2023
Sample Description :	Ambient Air	Sampling Method :	IS 5182:P14
Sample Mark:	Near Main Gate		

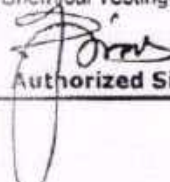
S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method:6015	400
2.	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4.	Benzo-a-Pyrene (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5.	Carbon Monoxide (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	15.5	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	24.5	IS 5182:Part 24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	62.6	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	6.8	IS 5182:Part 02	80

<--- End of Report --->

Verified By : *S.d.*

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)



Authorized Signatory

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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

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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-AAQ-2023/08/011	Report Date :	05.08.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No.12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 02/08/2023	Sample Reference No :	ECI-AAQ-2023/08/011
Sample Drawn By :	ECI	Sample Received On :	02.08.2023
Sample Collected Date :	02.08.2023	Test Commenced On :	02.08.2023
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	05.08.2023
Sample Description :	Ambient Air	Sampling Method :	IS 5182:P14
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	24.5	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	33.7	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	6.8	IS 5182 Part 02	80

← End of Report →

Verified By : *S. Ch.*

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)



[Signature]
Authorized Signatory

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-AAQ-2023/08/010	Report Date :	05.08.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No: 12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 02/08/2023	Sample Reference No :	ECI-AAQ-2023/08/010
Sample Drawn By :	ECI	Sample Received On :	02.08.2023
Sample Collected Date :	02.08.2023	Test Commenced On :	02.08.2023
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	05.08.2023
Sample Description :	Ambient Air	Sampling Method :	IS 5182-P14
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	15.4	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	21.3	IS 5182 Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	46.8	IS 5182 Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	3.9	IS 5182:Part 02	80

<--- End of Report --->

Verified By : *S.d.*

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)



[Signature]
Authorized Signatory

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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**TEST REPORT**

Accredited by NABL (Chemical & Biological)

Report No :	ECI-AAQ-2023/08/012	Report Date :	05.08.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No: 12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 02/08/2023	Sample Reference No :	ECI-AAQ-2023/08/012
Sample Drawn By :	ECI	Sample Received On :	02.08.2023
Sample Collected Date :	02.08.2023	Test Commenced On :	02.08.2023
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	05.08.2023
Sample Description :	Ambient Air	Sampling Method :	IS 5182-P14
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	20.9	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	24.8	IS 5182:Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	57.9	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	7.5	IS 5182:Part 02	80

<--- End of Report --->

Verified By : *S. d.*

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

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

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106 Tel : +91 452 4355103

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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-NM-2023/08/015	Report Date :	05.08.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No.12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWD Date: 02/08/2023	Sample Reference No :	ECI-NM-2023/08/015
Sample Description :	Noise	Monitoring Date :	02.08.2023
Monitored By :	ECI	Date Received On :	02.08.2023
S.No	Locations	Day Time	
		Minimum	Maximum
1.	Near Main Gate	62.5	63.1
2.	Admin Office Area	64.4	66.7
3.	Stack Yard Area	58.3	59.1
4.	Toilet Area	64.4	65.6
5.	Canteen Area	64.1	64.8
6.	DG Room	85.2	86.3
7.	Main Machine Area	85.5	89.2
8.	RM Section	77.2	78.3
9.	Stripping Machine Area	88.7	89.6
10.	Work Shop Area	78.3	79.5
Unit	dB (A)		
Max. Permissible Limit for Noise (Factories Rules, 1950)	90		
Reference Method	IS 9989		
<--- End of Report --->			
Verified By :			
Remarks: In the above mentioned locations meets the requirements of Factories Act Rules.	For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory) Authorized Signatory		

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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TEST REPORT

Accredited by: **NABL** (Chemical & Biological)

Report No :	ECI-NM-2023/08/014	Report Date :	05.08.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 02/08/2023	Sample Reference No :	ECI-NM-2023/08/014
Sample Description :	Noise	Monitoring Date :	02.08.2023
Monitored By :	ECI	Data Received On :	02.08.2023
S.No	Locations	Night Time	
		Minimum	Maximum
1.	Near Main Gate	60.5	61.9
2.	Admin Office Area	59.8	62.7
3.	Stack Yard Area	60.2	63.1
4.	Toilet Area	60.1	64.3
5.	Canteen Area	59.9	63.1
6.	DG Room	86.2	87.9
7.	Main Machine Area	86.7	88.5
8.	RM Section	76.2	78.3
9.	Stripping Machine Area	86.9	89.4
10.	Work Shop Area	79.3	80.5
Unit	dB (A)		
Max. Permissible Limit for Noise (Factories Rules, 1950)	90		
Reference Method	IS 9989		

<--- End of Report --->

Verified By : *s.c.*

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)



[Signature]
Authorized Signatory

43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625 106. Tel : +91 452 4355103

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RAMCO INDUSTRIES LIMITED

Assistant General Manager Production,
Ramco Industries Limited,
SIPCOT Industrial Area,
Gangaikondan,
TIRUNELVELI, Tamil Nadu.

Arakkonam

Date: 06.09.2023

We are giving below the count report of fibre dust samples received from Gangaikondan factory for the month of Aug 2023.

Ref.No.	Date of sampling	Location	S/P	Flow Rate (ml/min)	Sampling duration (min)	Fibre Count (nos)	Fibre concentration (f/cc)
1	01.08.2023	ASBESTOS STORAGE GODDOWN	S	1000	240	13	0.029
2	02.08.2023	BAG OPENING DEVICE / ERM	P	1000	240	14	0.031
3	03.08.2023	SLURRY MIXER	S	1000	240	10	0.022
4	04.08.2023	SHEETING MACHINE	P	1000	240	8	0.018
5	05.08.2023	CORRUGATOR	P	1000	240	9	0.020
6	06.08.2023	MOULDING AREA	P	1000	240	8	0.018
7	07.08.2023	LABORATORY	P	1000	240	7	0.015
8	08.08.2023	LOADING AREA	S	1000	240	7	0.015
9	16.08.2023	NEAT MAIN GATE(OUT SIDE)	S	1000	240	6	0.013
10	17.08.2023	SEGREGATION	P	1000	240	9	0.020
11	18.08.2023	SALVAGE	S	1000	240	10	0.022
12	19.08.2023	PULVERIZER	P	1000	240	10	0.022

Remarks:-

*P- Personal

*S- Static

Un able to process

Hard copy of report along with sample boxes will be sent through courier

SENIOR MANAGER QUALITY



RAMCO INDUSTRIES LIMITED

Assistant General Manager Production,
Ramco Industries Limited,
SIPCOT Industrial Area,
Gangaikondan,
TIRUNELVELI, Tamil Nadu.

Arakkonam

Date: 06.09.2023

We are giving below the count report of fibre dust samples received from Gangaikondan factory for the month of Aug 2023.

Ref.No	Date of sampling	Location	Sampling status	Duration in minutes	Volume of Air in CC/Min	No of Fibres	Fibre Concentration (F/CC)
13	02.08.2023	Fiber De-Stack	.	10	10000	3	0.016
14	02.08.2023	Pulverizer De-Stack	.	10	10000	4	0.021

Remarks:-

*P-Personal

*S-Static

Un able to process

Hard copy of report along with sample boxes will be sent through courier

SENIOR MANAGER QUALITY



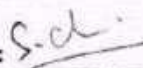
TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2023/09/011	Report Date :	05.09.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No.12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/09/2023	Sample Reference No :	ECI-SM-2023/09/011
Sample Drawn By :	ECI	Sample Received On :	01.09.2023
Sample Collected Date :	01.09.2023	Test Commenced On :	01.09.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	05.09.2023
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	Fibre Mill Dust Collector - (Chimney)		

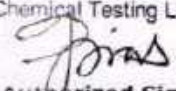
S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Ambient Temperature	°C	32	IS 11255 Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	< 0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	2853	IS 11255 Part 03	NA
5.	Flue Gas velocity	m/sec	10.2	IS 11255 Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	< 1.0	IS 11255 Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	1.1	IS 11255 Part 01	2.0
8.	Port hole Height from G Level	m	5.0	---	NA
9.	Stack Diameter at port hole	m	0.35	---	NA
10.	Stack Height from G Level	m	26.0	---	NA
11.	Stack Temperature	°C	105	IS 11255 Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255 Part 02	NA

<--- End of Report --->

Verified By : 

Remarks : In the above mentioned stack meets the requirements of TNPCB standards with respect to the parameters tested
NA - Not Applicable

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 relate only to this item tested.
2. Any Correction not attested shall invalidate this report.
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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No.:	ECI-SM-2023/09/010	Report Date:	05.09.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sippot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/09/2023	Sample Reference No :	ECI-SM-2023/09/010
Sample Drawn By :	ECI	Sample Received On :	01.09.2023
Sample Collected Date :	01.09.2023	Test Commenced On :	01.09.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	05.09.2023
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	Cement Fly Storage (Chimney)		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Ambient Temperature	°C	32	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	3031	IS 11255 Part 03	NA
5.	Flue Gas velocity	m/sec	9.6	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	24.5	IS 11255 Part 01	50
8.	Port hole Height from G Level	m	5.0	---	NA
9.	Stack Diameter at port hole	m	0.35	---	NA
10.	Stack Height from G Level	m	23.5	---	NA
11.	Stack Temperature	°C	62	IS 11255 Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255 Part 02	NA

<--- End of Report --->

Verified By : *S. D.*

Remarks : In the above mentioned stack tests, the requirements of TNPCB standards with respect to the parameters tested
NA - Not Applicable

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

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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2023/09/013	Report Date :	05.09.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sippcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/09/2023	Sample Reference No :	ECI-SM-2023/09/013
Sample Drawn By :	ECI	Sample Received On :	01.09.2023
Sample Collected/Date :	01.09.2023	Test Commenced On :	01.09.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	05.09.2023
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	DG 750 KVA - (Chimney)		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Ambient Temperature	°C	32	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)	0.3	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	1911	IS 11255 Part 03	NA
5.	Flue Gas velocity	m/sec	10.7	IS 11255 Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	24.2	IS 11255 Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	30.2	IS 11255 Part 01	50
8.	Port hole Height from G Level	m	5.0	---	NA
9.	Stack Diameter at port hole	m	0.30	---	NA
10.	Stack Height from G Level	m	15.0	---	NA
11.	Stack Temperature	°C	163	IS 11255 Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	8.1	IS 11255 Part 02	NA

<--- End of Report --->

Verified By : *S. d.*

Remarks : In the above mentioned stack meets the requirements of TNPCB standards with respect to the parameters tested
NA - Not Applicable

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

[Signature]
Authorized Signatory



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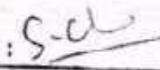
TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2023/09/015	Report Date :	05.09.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcol Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/09/2023	Sample Reference No :	ECI-SM-2023/09/015
Sample Drawn By :	ECI	Sample Received On :	01.09.2023
Sample Collected Date :	01.09.2023	Test Commenced On :	01.09.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	05.09.2023
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	DG 380 KVA - (Chimney)		

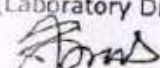
S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max.Permissible TNPCB norms for General Emission Standards
1.	Ambient Temperature	°C	32	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	2048	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	9.0	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	25.9	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	32.9	IS 11255:Part 01	50
8.	Port hole Height from G Level	m	5.0	----	NA
9.	Stack Diameter at port hole	m	0.30	----	NA
10.	Stack Height from G Level	m	6.0	----	NA
11.	Stack Temperature	°C	68	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	7.9	IS 11255:Part 02	NA

<--- End of Report --->

Verified By : 

Remarks : In the above mentioned stack meets the requirements of TNPCB standards with respect to the parameters tested
NA - Not Applicable

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-2023/09/012	Report Date :	05.09.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No.12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/09/2023	Sample Reference No :	ECI-SM-2023/09/012
Sample Drawn By :	ECI	Sample Received On :	01.09.2023
Sample Collected Date :	01.09.2023	Test Commenced On :	01.09.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	05.09.2023
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	Pulverizer Dust Collector (Chimney)		

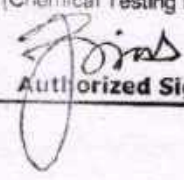
S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Ambient Temperature	°C	32	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	< 0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	3712	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	9.3	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	1.3	IS 11255:Part 01	2.0
8.	Port hole Height from G Level	m	6.0	---	NA
9.	Stack Diameter at port hole	m	0.40	---	NA
10.	Stack Height from G Level	m	9.0	---	NA
11.	Stack Temperature	°C	73	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

<--- End of Report --->

Verified By : 

Remarks : In the above mentioned stack meets the requirements of TNPCB standards with respect to the parameters tested
NA - Not Applicable

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)


Authorized Signatory



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TEST REPORT

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Report No :	ECI-SM-2023/09/014	Report Date :	05.09.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/09/2023	Sample Reference No :	ECI-SM-2023/09/014
Sample Drawn By :	ECI	Sample Received On :	01.09.2023
Sample Collected Date :	01.09.2023	Test Commenced On :	01.09.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	05.09.2023
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	Diesel Fired Drier-Silencer(Diesel)		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max.Permissible TNPCB norms for General Emission Standards
1.	Ambient Temperature	°C	32	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)	0.4	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	2122	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	9.1	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	25.4	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	35.9	IS 11255:Part 01	50
8.	Port hole Height from G Level	m	5.0	---	NA
9.	Stack Diameter at port hole	m	0.30	---	NA
10.	Stack Height from G Level	m	6.0	---	NA
11.	Stack Temperature	°C	60	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	7.8	IS 11255:Part 02	NA

<--- End of Report --->

Verified By : *S.ch*

Remarks : In the above mentioned stack meets the requirements of TNPCB standards with respect to the parameters tested
NA - Not Applicable

For ENVIRO CARE INDIA PRIVATE LIMITED
(Laboratory Division)

[Signature]
Authorized Signatory



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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-AAQ-2023/09/008	Report Date :	05.09.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No: 12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/09/2023	Sample Reference No :	ECI-AAQ-2023/09/008
Sample Drawn By :	ECI	Sample Received On :	01.09.2023
Sample Collected Date :	01.09.2023	Test Commenced On :	01.09.2023
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	05.09.2023
Sample Description :	Ambient Air	Sampling Method :	IS 5182:P14
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	12.5	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	18.7	IS 5182:Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	55.2	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	5.5	IS 5182:Part 02	80

<--- End of Report --->

Verified By : *S.d*

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

[Signature]
Authorized Signatory



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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-AAQ-2023/09/006	Report Date :	05.09.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No. 12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/09/2023	Sample Reference No :	ECI-AAQ-2023/09/006
Sample Drawn By :	ECI	Sample Received On :	01.09.2023
Sample Collected Date :	01.09.2023	Test Commenced On :	01.09.2023
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	05.09.2023
Sample Description :	Ambient Air	Sampling Method :	IS 5182:P14
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	21.5	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	28.7	IS 5182 Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	60.4	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	5.8	IS 5182:Part 02	80

<--- End of Report --->

Verified By : *S. d.*

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



For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

[Signature]
Authorized Signatory

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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-AAQ-2023/09/005	Report Date :	05.09.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No.12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWQ Date: 01/09/2023	Sample Reference No :	ECI-AAQ-2023/09/005
Sample Drawn By :	ECI	Sample Received On :	01.09.2023
Sample Collected Date :	01.09.2023	Test Commenced On :	01.09.2023
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	05.09.2023
Sample Description :	Ambient Air	Sampling Method :	IS 5182:P14
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	19.5	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	17.5	IS 5182:Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	41.3	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	5.3	IS 5182:Part 02	80

<--- End of Report --->

Verified By :

S. Ch

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)



[Signature]
Authorized Signatory

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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-AAQ-2023/09/007	Report Date :	05.09.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No.12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/09/2023	Sample Reference No :	ECI-AAQ-2023/09/007
Sample Drawn By :	ECI	Sample Received On :	01.09.2023
Sample Collected Date :	01.09.2023	Test Commenced On :	01.09.2023
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	05.09.2023
Sample Description :	Ambient Air	Sampling Method :	IS 5182:P14
Sample Mark:	Near Asbestos Godown		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH_3)	$\mu\text{g}/\text{m}^3$	< 1.0	NIOSH Method:6015	400
2.	Arsenic (as As)	ng/m^3	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C_6H_6)	$\mu\text{g}/\text{m}^3$	< 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)	$\mu\text{g}/\text{m}^3$	< 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)	$\mu\text{g}/\text{m}^3$	25.5	IS 5182:Part 06	80
9.	Ozone (as O_3)	$\mu\text{g}/\text{m}^3$	< 9.8	IS 5182:Part 09	180
10.	Particulate Matter ($\text{PM}_{2.5}$)	$\mu\text{g}/\text{m}^3$	21.2	IS 5182:Part 24	60
11.	Respirable Particulate Matter (PM_{10})	$\mu\text{g}/\text{m}^3$	51.3	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO_2)	$\mu\text{g}/\text{m}^3$	8.1	IS 5182:Part 02	80

<--- End of Report --->

Verified By : *S. d.*

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)



[Signature]
Authorized Signatory

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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-NM-2023/09/004	Report Date :	05.09.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No 12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/09/2023	Sample Reference No :	ECI-NM-2023/09/004
Sample Description :	Noise	Monitoring Date :	01.09.2023
Monitored By :	ECI	Data Received On :	01.09.2023
S.No	Locations	Day Time	
		Minimum	Maximum
1.	Near Main Gate	68.5	70.1
2.	Admin Office Area	66.3	68.9
3.	Stack Yard Area	55.2	58.5
4.	Toilet Area	61.9	63.7
5.	Canteen Area	62.4	64.2
6.	DG Room	87.2	89.1
7.	Main Machine Area	81.5	83.5
8.	RM Section	80.4	82.4
9.	Stripping Machine Area	86.2	88.7
10.	Work Shop Area	75.4	76.4
Unit		dB (A)	
Max. Permissible Limit for Noise (Factories Rules, 1950)		90	
Reference Method		IS 9989	

<--- End of Report --->

Verified By :

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

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 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 the 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-2023/09/003	Report Date :	05.09.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	RVO Date: 01/09/2023	Sample Reference No :	ECI-NM-2023/09/003
Sample Description :	Noise	Monitoring Date :	01.09.2023
Monitored By :	ECI	Data Received On :	01.09.2023

S.No	Locations	Night Time	
		Minimum	Maximum
1.	Near Main Gate	58.5	60.5
2.	Admin Office Area	62.5	63.9
3.	Stack Yard Area	63.9	64.7
4.	Toilet Area	62.4	63.8
5.	Canteen Area	65.8	69.5
6.	DG Room	85.4	88.4
7.	Main Machine Area	84.5	86.2
8.	RM Section	72.8	74.8
9.	Stripping Machine Area	83.7	85.5
10.	Work Shop Area	77.4	79.3
Unit		dB (A)	
Max. Permissible Limit for Noise (Factories Rules, 1950)		90	
Reference Method		IS 9969	

<--- End of Report --->

Verified By : *S. Ch*

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)



[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 this item tested.
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 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.





RAMCO INDUSTRIES LIMITED

Assistant General Manager Production,
Ramco Industries Limited,
SIPCOT Industrial Area,
Gangaikondan,
TIRUNELVELI, Tamil Nadu.

Arakkonam
Date: 05.10.2023

We are giving below the count report of fibre dust samples received from Gangaikondan factory for the month of Sep 2023.

Ref.No.	Date of sampling	Location	S/P	Flow Rate (ml/min)	Sampling duration (min)	Fibre Count (nos)	Fibre concentration (f/cc)
1	01.09.2023	ASBESTOS STORAGE GODOWN	S	1000	240	11	0.024
2	03.09.2023	BAG OPENING DEVICE / ERM	S	1000	240	12	0.027
3	05.09.2023	SLURRY MIXER	P	1000	240	9	0.020
4	07.09.2023	SHEETING MACHINE	P	1000	240	8	0.018
5	08.09.2023	CORRUGATOR	P	1000	240	9	0.020
6	09.09.2023	MOULDING AREA	P	1000	240	8	0.018
7	11.09.2023	LABORATORY	P	1000	240	9	0.020
8	13.09.2023	LOADING AREA	S	1000	240	6	0.013
9	15.09.2023	NEAT MAIN GATE(OUT SIDE)	S	1000	240	8	0.015
10	16.09.2023	SEGREGATION	P	1000	240	7	0.018
11	17.09.2023	SALVAGE	S	1000	240	8	0.020
12	19.09.2023	PULVERIZER	P	1000	240	10	0.022

Hard copy of report along with sample boxes will be sent through courier

*P- Personal
-S- Static
Un able to process
for S Jay R
SENIOR MANAGER QUALITY



RAMCO INDUSTRIES LIMITED

Assistant General Manager Production,
Ramco Industries Limited,
SIPCOT Industrial Area,
Gangaikondan,
TIRUNELVELL, Tamil Nadu.

Aiakkonam

Date 05.10.2023

We are giving below the count report of fibre dust samples received from Gangaikondan factory for the month of Sep 2023.

Ref.No	Date of sampling	Location	Sampling status	Duration in minutes	Volume of Air in CC/Min	No of Fibres	Fibre Concentration (F/CC)
13	01.09.2023	Fiber De-Stack	*	10	10000	4	0.021
14	01.09.2023	Pulverizer De-Stack	*	10	10000	3	0.016

Remarks:-

Hard copy of report along with sample boxes will be sent through courier

*P- Personal
*S- Static
Un able to process

for S. Jay A
SENIOR MANAGER QUALITY