



TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No.	ECI-AAQ-2023/10/004	Report Date	09.10.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference	IWO Date: 03/10/2023	Sample Reference No.	ECI-AAQ-2023/10/004
Sample Drawn By	ECI	Sample Received On	03.10.2023
Sample Collected Date	03.10.2023	Test Commenced On	04.10.2023
Qty of Sample Received	Filter Paper & 25ml Solution	Test Completion On	09.10.2023
Sample Description	Ambient Air	Sampling Method	IS 5182:P14
Sample Location	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	14.3	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	20.2	IS 5182 Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	57.6	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:

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 - 625016 Tel: 0452 4355103
Email: lab@envirocareindia.com | Web: www.envirocareindia.com

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TEST REPORT

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Report No	ECI-AAQ-2023/10/002	Report Date	09.10.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference	IWO Date: 03/10/2023	Sample Reference No	ECI-AAQ-2023/10/002
Sample Drawn By	ECI	Sample Received On	03.10.2023
Sample Collected Date	03.10.2023	Test Commenced On	04.10.2023
Qty of Sample Received	Filter Paper & 25ml Solution	Test Completed On	09.10.2023
Sample Description	Ambient Air	Sampling Method	IS 5182:P14
Sample Mark	Near Stack Yard		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible Limit (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	23.4	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	26.7	IS 5182 Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	58.5	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	6.3	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
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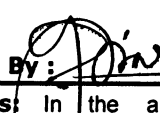
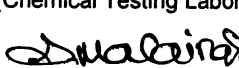
TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No	ECI-AAQ-2023/10/001	Report Date	09.10.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference	IWO Date: 03/10/2023	Sample Reference No	ECI-AAQ-2023/10/001
Sample Drawn By	ECI	Sample Received On	03.10.2023
Sample Collected Date	03.10.2023	Test Commenced On	04.10.2023
Qty of Sample Received	Filter Paper & 25ml Solution	Test Completed on	09.10.2023
Sample Description	Ambient Air	Sample Method	IS 5182:P14
Sample Mark	Near Guest House		

S.No	PARAMETER	UNIT	RESULTS	TEST METHOD	Permissible limit, SI Unit
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	20.8	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	19.2	IS 5182 Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	43.5	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	5.9	IS 5182:Part 02	80

<--- End of Report --->

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

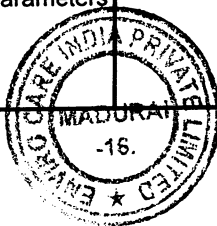
Accredited by NABL (Chemical & Biological)

Report No	ECI-AAQ-2023/10/003	Report Date	09.10.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference	IWO Date: 03/10/2023	Sample Reference No	ECI-AAQ-2023/10/003
Sample Drawn By	ECI	Sample Received On	03.10.2023
Sample Collected Date	03.10.2023	Test Commenced On	04.10.2023
Qty @ Sample Received	Filter Paper & 25ml Solution	Test Completed On	09.10.2023
Sample Description	Ambient Air	Sampling Method	IS 5182:P14
Sample Media	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	23.1	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	22.9	IS 5182 Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	53.6	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 - 625016 Tel: 0452 4355103
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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No	ECI-SM-2023/10/002	Report Date	09.10.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference	IWO Date: 03/10/2023	Sample Reference No	ECI-SM-2023/10/002
Sample Drawn by	ECI	Sample Received On	03.10.2023
Sample Collected Date	03.10.2023	Test Commenced On	04.10.2023
Qty of Sample Received	Thimble & 50 ml Soln	Test Completed On	09.10.2023
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 Limit (as per Central Pollution Control Board)
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	2515	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	9.2	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	< 1.0	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	1.5	IS 11255:Part 01	2.0
8.	Port hole Height from G Level	m	5.6	---	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	112	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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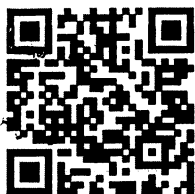
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TEST REPORT

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Report No	ECI-SM-2023/10/001	Report Date	09.10.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference	IWO Date: 03/10/2023	Sample Reference No	ECI-SM-2023/10/001
Sample Drawn By	ECI	Sample Received On	03.10.2023
Sample Collected Date	03.10.2023	Test Commenced On	04.10.2023
Qty of Sample Received	Thimble & 50 ml Soln	Test Completed On	09.10.2023
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	2711	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	8.8	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	< 1.0	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	25.9	IS 11255:Part 01	50
8.	Port hole Height from G Level	m	5.0	---	NA
9.	Stack Diameter at port hole	m	0.35	---	NA
10.	Stack Height from G Level	m	23.5	---	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 - 625016 Tel: 0452 4355103
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TEST REPORT

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Report No	ECI-SM-2023/10/004	Report Date	09.10.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference	IWO Date: 03/10/2023	Sample Reference No	ECI-SM-2023/10/004
Sample Drawn By	ECI	Sample Received On	03.10.2023
Sample Collected Date	03.10.2023	Test Commenced On	04.10.2023
Qty of Sample Received	Thimble & 50 ml Soln	Test Completed On	09.10.2023
Sample Description	Stack	Sampling Method	IS 11255 Part 01
Sample Mark	DG 750 KVA - (Chimney)		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max Permissible Limit as per Central Pollution Standards
1.	Ambient Temperature	°C	32	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	0.5	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	0.4	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	1870	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	22.5	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	33.1	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	170	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	7.7	IS 11255:Part 02	NA

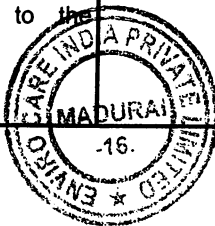
<--- End of Report --->

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



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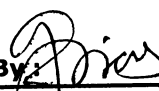
TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No	ECI-SM-2023/10/006	Report Date	09.10.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference	IWO Date: 03/10/2023	Sample Reference No	ECI-SM-2023/10/006
Sample Drawn By	ECI	Sample Received On	03.10.2023
Sample Collected Date	03.10.2023	Test Commenced On	04.10.2023
Qty of Sample Received	Thimble & 50 ml Soln	Test Completed On	09.10.2023
Sample Description	Stack	Sampling Method	IS 11255 Part 01
Sample Media	DG 380 KVA - (Chimney)		

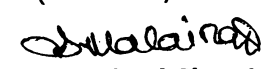
S.NO	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max Permissible (NTPC norms for Central Emission Standards)
1.	Ambient Temperature	°C	32	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	0.3	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	1963	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	8.9	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	23.5	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	35.1	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	80	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	7.2	IS 11255:Part 02	NA

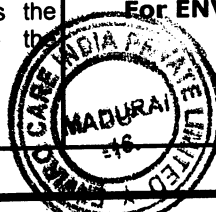
<--- End of Report --->

Verified By: 

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Laboratory Division)


Authorized Signatory



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Customer Reference	IWO Date: 03/10/2023	Sample Reference No	ECI-SM-2023/10/003
Sample Drawn By	ECI	Sample Received On	03.10.2023
Sample Collected Date	03.10.2023	Test Commenced On	04.10.2023
Qty. of Sample Received	Thimble & 50 ml Soln	Test Completed On	09.10.2023
Sample Description	Stack	Sampling Method	IS 11255 Part 01
Sample Media	Pulverizer Dust Collector (Chimney)		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB Limit or General Pollution 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	3471	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	8.8	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	< 1.0	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	1.1	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	78	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

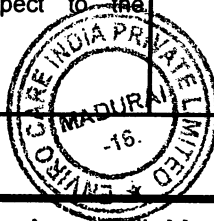
<--- End of Report --->

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

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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No.	ECI-SM-2023/10/005	Report Date	09.10.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference	IWO Date: 03/10/2023	Sample Reference No.	ECI-SM-2023/10/005
Sample Drawn By	ECI	Sample Received On	03.10.2023
Sample Collected Date	03.10.2023	Test Commenced On	04.10.2023
Qty of Sample Received	Thimble & 50 ml Soln	Test Completed On	09.10.2023
Sample Description	Stack	Sampling Method	IS 11255 Part 01
Sample Used	Diesel Fired Drier-Silencer(Diesel)		

S.NO	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max Permissible INPCE 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)	0.5	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	1969	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	27.4	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	72	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	8.4	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
(Laboratory Division)

Authorized Signatory

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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No.	ECI-NM-2023/10/002	Report Date	07.09.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference	IWO Date: 03/10/2023	Sample Reference No.	ECI-NM-2023/10/002
Sample Description	Noise	Monitoring Date	03.10.2023
Monitored By	ECI	Date Received On	03.10.2023

S.No	Location	Monitored	Day Noise
1.	Near Main Gate	70.2	72.5
2.	Admin Office Area	68.4	70.1
3.	Stack Yard Area	57.5	59.2
4.	Toilet Area	60.2	62.5
5.	Canteen Area	61.6	63.4
6.	DG Room	85.3	86.9
7.	Main Machine Area	83.5	85.2
8.	RM Section	82.7	84.8
9.	Stripping Machine Area	84.6	86.7
10.	Work Shop Area	77.3	79.6

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

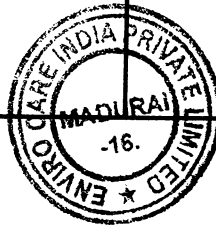
<--- End of Report --->

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



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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No.	ECI-NM-2023/10/001	Report Date	09.10.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Order Reference	IWO Date: 03/10/2023	Sample Reference No.	ECI-NM-2023/10/001
Sample Description	Noise	Monitoring Date	03.10.2023
Monitored By	ECI	Report Date	03.10.2023
Sl. No.	Location	Night Time	
		Minimum	Maximum
1.	Near Main Gate		
2.	Admin Office Area	56.8	58.3
3.	Stack Yard Area	63.4	65.6
4.	Toilet Area	65.7	67.3
5.	Canteen Area	60.3	62.5
6.	DG Room	63.2	65.2
7.	Main Machine Area	83.0	85.1
8.	RM Section	86.4	88.4
9.	Stripping Machine Area	74.3	76.8
10.	Work Shop Area	85.6	87.3
Unit		79.2	80.7
Max. Permissible Limit for Noise (Factories Rules, 1950)		dB (A)	
Reference Method		90	
		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	

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RAMCO INDUSTRIES LIMITED

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

Arakkonam
Date: 09.11.2023

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

Ref.No.	Date of sampling	Location	S/P	Flow Rate (ml/min)	Sampling duration (min)	Fibre Count (nos)	Fibre concentration (f/cc)
1	03.10.2023	ASBESTOS STORAGE GODOWN	S	1000	240	13	0.029
2	05.10.2023	BAG OPENING DEVICE / ERM	P	1000	240	14	0.031
3	06.10.2023	SLURRY MIXER	S	1000	240	9	0.020
4	07.10.2023	SHEETING MACHINE	P	1000	240	8	0.018
5	08.10.2023	CORRUGATOR	P	1000	240	7	0.015
6	09.10.2023	MOULDING AREA	P	1000	240	8	0.018
7	10.10.2023	LABORATORY	P	1000	240	7	0.015
8	11.10.2023	LOADING AREA	S	1000	240	6	0.013
9	12.10.2023	NEAT MAIN GATE(OUT SIDE)	S	1000	240	5	0.011
10	13.10.2023	SEGREGATION	P	1000	240	9	0.020
11	14.10.2023	SALVAGE	S	1000	240	8	0.018
12	15.10.2023	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,

TIRUNELVELL, Tamil Nadu.

Arakkonam

Date: 09.11.2023

We are giving below the count report of fibre dust samples received from Gangaikondan factory for the month of OCT 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	03.10.2023	Fiber De-Stack	*	10	10000	2	0.011
14	03.10.2023	Pulverizer De-Stack	*	10	10000	3	0.016

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-AAQ-2023/11/004	Report Date :	04.11.2023		
Customer Name & Address	M/s. Ramco Industries Ltd Plot No: 12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352				
Customer Reference :	IWO Date: 01/11/2023	Sample Reference No :	ECI-AAQ-2023/11/004		
Sample Drawn By :	ECI	Sample Received On :	01.11.2023		
Sample Collected Date :	01.11.2023	Test Commenced On :	01.11.2023		
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	04.11.2023		
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	12.6	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	22.5	IS 5182:Part 24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	59.3	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	5.1	IS 5182:Part 02	80
Opinion: In the above mentioned location meets the requirements of CPCB standards with respect to the parameters tested.					
<--- End of Report --->					
Verified By : <i>Sid</i>		 For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory) <i>[Signature]</i> Authorized Signatory			

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TEST REPORT

Accredited by NABL : Chemical & Biological

Report No :	ECI-AAQ-2023/11/002	Report Date :	04.11.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/11/2023	Sample Reference No :	ECI-AAQ-2023/11/002
Sample Drawn By :	ECI	Sample Received On :	01.11.2023
Sample Collected Date :	01.11.2023	Test Commenced On :	01.11.2023
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	04.11.2023
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	25.9	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	28.3	IS 5182 Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	60.8	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	7.2	IS 5182:Part 02	80

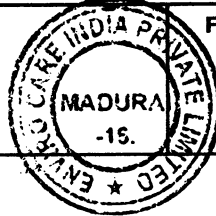
Opinion: In the above mentioned location meets the requirements of CPCB standards with respect to the parameters tested.

<--- End of Report --->

Verified By : *S. d.*

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

[Signature]
Authorized Signatory



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

Accredited by NABL (Chemical & Biological)

Report No. :	ECI-AAQ-2023/11/001	Report Date :	04.11.2023		
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352				
Customer Reference :	IWO Date: 01/11/2023	Sample Reference No :	ECI-AAQ-2023/11/001		
Sample Drawn By.:	ECI	Sample Received On :	01.11.2023		
Sample Collected Date :	01.11.2023	Test Commenced On :	01.11.2023		
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	04.11.2023		
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	23.3	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	17.2	IS 5182 Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	41.8	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	6.5	IS 5182:Part 02	80
Opinion: In the above mentioned location meets the requirements of CPCB standards with respect to the parameters tested.					
<--- End of Report --->					
Verified By : <i>S.d.</i>		 For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory) <i>[Signature]</i> Authorized Signatory			

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TEST REPORT

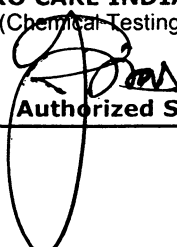
Accredited by NABL (Chemical & Biological)

Report No.:	ECI-AAQ-2023/11/003	Report Date:	04.11.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/11/2023	Sample Reference No :	ECI-AAQ-2023/11/003
Sample Drawn By :	ECI	Sample Received On :	01.11.2023
Sample Collected Date :	01.11.2023	Test Commenced On :	01.11.2023
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	04.11.2023
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	21.6	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	25.1	IS 5182 Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	55.9	IS 5182 Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	6.8	IS 5182:Part 02	80

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

<--- End of Report --->

Verified By : <i>S.d.</i>	 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-2023/11/002	Report Date :	04.11.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/11/2023	Sample Reference No :	ECI-SM-2023/11/002
Sample Drawn By :	ECI	Sample Received On :	01.11.2023
Sample Collected Date :	01.11.2023	Test Commenced On :	01.11.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	04.11.2023
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	Fibre Mill Dust Collector – (Chimney)		

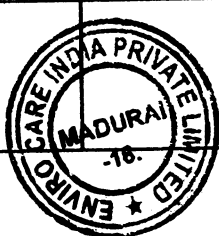
S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Ambient Temperature	°C	32	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	< 0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	2657	IS 11255:Part 03	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	1.4	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	84	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

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

<--- End of Report --->

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

Verified By : *S.d.*



[Signature]
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-2023/11/001	Report Date :	04.11.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/11/2023	Sample Reference No :	ECI-SM-2023/11/001
Sample Drawn By :	ECI	Sample Received On :	01.11.2023
Sample Collected Date :	01.11.2023	Test Commenced On :	01.11.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	04.11.2023
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	2562	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	27.6	IS 11255:Part 01	50
8.	Port hole Height from G Level	m	5.0	----	NA
9.	Stack Diameter at port hole	m	0.35	---	NA
10.	Stack Height from G Level	m	23.5	----	NA
11.	Stack Temperature	°C	59	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

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

<--- End of Report --->

Verified By : *S.d.*

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-2023/11/004	Report Date :	04.11.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/11/2023	Sample Reference No :	ECI-SM-2023/11/004
Sample Drawn By :	ECI	Sample Received On :	01.11.2023
Sample Collected Date :	01.11.2023	Test Commenced On :	01.11.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	04.11.2023
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)	0.3	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	1706	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	24.3	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	31.8	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	163	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	6.5	IS 11255:Part 02	NA

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

<--- End of Report --->

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



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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2023/11/005	Report Date :	04.11.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/11/2023	Sample Reference No :	ECI-SM-2023/10/005
Sample Drawn By :	ECI	Sample Received On :	01.11.2023
Sample Collected Date :	01.11.2023	Test Commenced On :	01.11.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	04.11.2023
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	DG 380 KVA - (Chimney)		

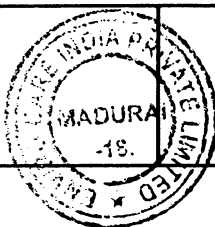
S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max.Permissible TNPCB norms for General Emission Standards
1.	Ambient Temperature	°C	32	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	1909	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	8.6	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	23.5	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	75	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	7.1	IS 11255:Part 02	NA

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

<--- End of Report --->

Verified By :

S.d.



For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

Authorized Signatory

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

Accredited by NABL (Chemical & Biological)

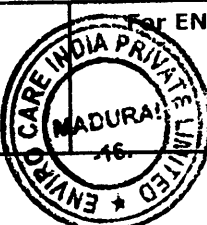
Report No :	ECI-SM-2023/11/003	Report Date :	04.11.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/11/2023	Sample Reference No :	ECI-SM-2023/11/003
Sample Drawn By :	ECI	Sample Received On :	01.11.2023
Sample Collected Date :	01.11.2023	Test Commenced On :	01.11.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	04.11.2023
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	3283	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	1.6	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	72	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

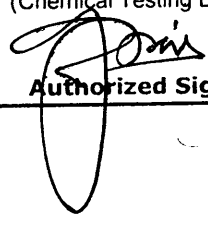
Opinion : In the above mentioned stack meets the requirements of TNPCB standards with respect to the parameters tested
NA – Not Applicable

<--- End of Report --->

Verified By : *S.d.*



For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)



Authorized Signatory

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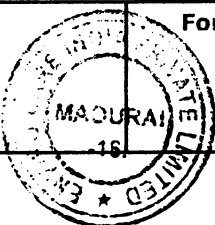
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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-NM-2023/11/002	Report Date :	04.11.2023		
Customer Name & Address	M/s. Ramco Industries Ltd Plot No: 12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352				
Customer Reference :	IWO Date: 01/11/2023	Sample Reference No :	ECI-NM-2023/11/002		
Sample Description :	Noise	Monitoring Date :	01.11.2023		
Monitored By :	ECI	Data Received On :	01.11.2023		
S.No	Locations	Day Time			
		Minimum	Maximum		
1.	Near Main Gate	61.2	64.8		
2.	Admin Office Area	63.9	67.0		
3.	Stack Yard Area	57.8	60.1		
4.	Toilet Area	62.5	64.3		
5.	Canteen Area	65.2	66.3		
6.	DG Room	82.3	84.8		
7.	Main Machine Area	87.2	88.7		
8.	RM Section	74.3	77.7		
9.	Stripping Machine Area	88.5	88.9		
10.	Work Shop Area	78.2	80.4		
Unit		dB (A)			
Max. Permissible Limit for Noise (Factories Rules, 1950)		90			
Reference Method		IS 9989			
Opinion: In the above mentioned locations meets the requirements of Factories Act Rules					
<--- End of Report --->					
Verified By : <i>S.d.</i>	 For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory) <i>[Signature]</i> Authorized Signatory				

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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-NM-2023/11/001	Report Date :	04.11.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/11/2023	Sample Reference No :	ECI-NM-2023/11/001
Sample Description :	Noise	Monitoring Date :	01.11.2023
Monitored By :	ECI	Data Received On :	01.11.2023

S.No	Locations	Night Time	
		Minimum	Maximum
1.	Near Main Gate	54.6	56.3
2.	Admin Office Area	57.2	59.3
3.	Stack Yard Area	50.1	56.3
4.	Toilet Area	48.9	50.2
5.	Canteen Area	52.0	53.8
6.	DG Room	60.2	64.7
7.	Main Machine Area	84.2	86.6
8.	RM Section	63.8	68.2
9.	Stripping Machine Area	86.2	87.9
10.	Work Shop Area	66.2	67.4
Unit		dB (A)	
Max. Permissible Limit for Noise (Factories Rules, 1950)		90	
Reference Method		IS 9989	

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

<--- End of Report --->

Verified By : *S. d.*

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

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RAMCO INDUSTRIES LIMITED

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

Arakkonam
Date: 23.12.2023

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

Ref.No.	Date of sampling	Location	S/P	Flow Rate (ml/min)	Sampling duration (min)	Fibre Count (nos)	Fibre concentration (f/cc)
1	15.11.2023	ASBESTOS STORAGE GODOWN	S	1000	240	12	0.026
2	19.11.2023	BAG OPENING DEVICE / ERM	P	1000	240	13	0.029
3	18.11.2023	SLURRY MIXER	S	1000	240	9	0.020
4	19.11.2023	SHEETING MACHINE	P	1000	240	7	0.015
5	20.11.2023	CORRUGATOR	P	1000	240	7	0.015
6	19.11.2023	MOULDING AREA	P	1000	240	9	0.020
7	17.11.2023	LABORATORY	P	1000	240	6	0.013
8	21.11.2023	LOADING AREA	S	1000	240	8	0.018
9	20.11.2023	NEAT MAIN GATE(OUT SIDE)	S	1000	240	4	0.009
10	17.11.2023	SEGREGATION	P	1000	240	10	0.022
11	16.11.2023	SALVAGE	S	1000	240	7	0.015
12	21.11.2023	PULVERIZER	P	1000	240	8	0.018

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: 23.12.2023

We are giving below the count report of fibre dust samples received from Gangaikondan factory for the month of nov 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	15.11.2023	Fiber De-Stack	*	10	10000	3	0.016
14	15.11.2023	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-AAQ-2023/12/004	Report Date :	04.12.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No: 12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/12/2023	Sample Reference No :	ECI-AAQ-2023/12/004
Sample Drawn By :	ECI	Sample Received On :	01.12.2023
Sample Collected Date :	01.12.2023	Test Commenced On :	01.12.2023
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	04.12.2023
Sample Description :	Ambient Air	Sampling Method :	IS 5182:Part 14
Sample Mark:	Near Main Gate		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method:6015	400
2.	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4.	Benzo-a-Pyrene (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5.	Carbon Monoxide (as CO)	mg/m ³	< 1.2	IS 5182:Part 10	2.0
6.	Lead (as Pb)	µg/m ³	< 0.1	IS 5182:Part 22	1.0
7.	Nickel (as Ni)	ng/m ³	< 0.1	IS 5182:Part 22	20
8.	Nitrogen dioxide (as NO ₂)	µg/m ³	14.4	IS 5182:Part 08	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	20.2	IS 5182:Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	57.6	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	6.1	IS 5182:Part 02	80

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

<--- End of Report --->

Verified By : *S.d.*

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

[Signature]
Authorized Signatory



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TEST REPORT

Accredited by NABL (Chemical & Microbiology)

Report No :	ECI-AAQ-2023/12/002	Report Date :	04.12.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/12/2023	Sample Reference No :	ECI-AAQ-2023/12/002
Sample Drawn By :	ECI	Sample Received On :	01.12.2023
Sample Collected Date :	01.12.2023	Test Commenced On :	01.12.2023
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	04.12.2023
Sample Description :	Ambient Air	Sampling Method :	IS 5182:Part 14
Sample Mark:	Near Stack Yard		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method:6015	400
2.	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4.	Benzo-a-Pyrene (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5.	Carbon Monoxide (as CO)	mg/m ³	< 1.2	IS 5182:Part 10	2.0
6.	Lead (as Pb)	µg/m ³	< 0.1	IS 5182:Part 22	1.0
7.	Nickel (as Ni)	ng/m ³	< 0.1	IS 5182:Part 22	20
8.	Nitrogen dioxide (as NO ₂)	µg/m ³	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	30.6	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	6.0	IS 5182:Part 02	80

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

<--- End of Report --->

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

Accredited by NABL (Chemical & Biological)

Report No :	ECI-AAQ-2023/12/001	Report Date :	04.12.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No: 12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/12/2023	Sample Reference No :	ECI-AAQ-2023/12/001
Sample Drawn By :	ECI	Sample Received On :	01.12.2023
Sample Collected Date :	01.12.2023	Test Commenced On :	01.12.2023
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	04.12.2023
Sample Description :	Ambient Air	Sampling Method :	IS 5182:Part 14
Sample Mark:	Near Guest House		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method:6015	400
2.	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4.	Benzo-a-Pyrene (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5.	Carbon Monoxide (as CO)	mg/m ³	< 1.2	IS 5182:Part 10	2.0
6.	Lead (as Pb)	µg/m ³	< 0.1	IS 5182:Part 22	1.0
7.	Nickel (as Ni)	ng/m ³	< 0.1	IS 5182:Part 22	20
8.	Nitrogen dioxide (as NO ₂)	µg/m ³	26.5	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	19.4	IS 5182 Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	44.3	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	8.7	IS 5182:Part 02	80

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

<--- End of Report --->

Verified By : *S.d.*

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

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TEST REPORT

Accredited by NABL (Chemical & Biological)

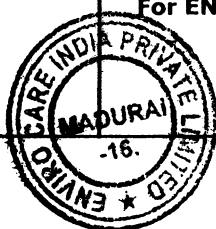
Report No :	ECI-AAQ-2023/12/003	Report Date :	04.12.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No: 12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/12/2023	Sample Reference No :	ECI-AAQ-2023/12/003
Sample Drawn By :	ECI	Sample Received On :	01.12.2023
Sample Collected Date :	01.12.2023	Test Commenced On :	01.12.2023
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	04.12.2023
Sample Description :	Ambient Air	Sampling Method :	IS 5182:Part 14
Sample Mark:	Near Asbestos Godown		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method:6015	400
2.	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4.	Benzo-a-Pyrene (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5.	Carbon Monoxide (as CO)	mg/m ³	< 1.2	IS 5182:Part 10	2.0
6.	Lead (as Pb)	µg/m ³	< 0.1	IS 5182:Part 22	1.0
7.	Nickel (as Ni)	ng/m ³	< 0.1	IS 5182:Part 22	20
8.	Nitrogen dioxide (as NO ₂)	µg/m ³	19.4	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	27.6	IS 5182:Part 24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	58.3	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	5.9	IS 5182:Part 02	80

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

<--- End of Report --->

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



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

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2023/12/002	Report Date :	04.12.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/12/2023	Sample Reference No :	ECI-SM-2023/12/002
Sample Drawn By :	ECI	Sample Received On :	01.12.2023
Sample Collected Date :	01.12.2023	Test Commenced On :	01.12.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	04.12.2023
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	3136	IS 11255:Part 03	NA
5	Flue Gas velocity	m/sec	10.8	IS 11255:Part 03	NA
6	Oxides of Nitrogen (as NO _x)	mg/Nm ³	< 1.0	IS 11255:Part 07	NA
7	Particulate Matter (PM)	mg/Nm ³	1.8	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	92	IS 11255:Part 03	NA
12	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

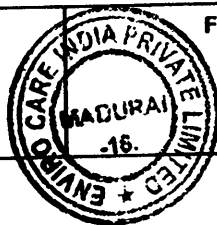
Opinion : In the above mentioned Parameter meets the requirements of TNPCB standards
NA - Not Applicable

<--- End of Report --->

Verified By : *S. di*

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-2023/12/001	Report Date :	04.12.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/12/2023	Sample Reference No :	ECI-SM-2023/12/001
Sample Drawn By :	ECI	Sample Received On :	01.12.2023
Sample Collected Date :	01.12.2023	Test Commenced On :	01.12.2023
Qty of Sample Received :	Thimble & 50-ml Soln	Test Completed On :	04.12.2023
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	3350	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	11.4	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	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	0.35	---	NA
10.	Stack Height from G Level	m	23.5	---	NA
11.	Stack Temperature	°C	85	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

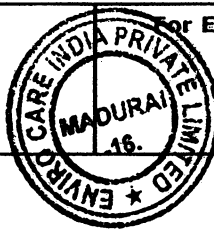
Opinion : In the above mentioned Parameter meets the requirements of TNPCB standards
NA - Not Applicable

<--- End of Report --->

Verified By : *S.D.*

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-2023/12/004	Report Date :	04.12.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No: 12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/12/2023	Sample Reference No :	ECI-SM-2023/12/004
Sample Drawn By :	ECI	Sample Received On :	01.12.2023
Sample Collected Date :	01.12.2023	Test Commenced On :	01.12.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	04.12.2023
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)	0.5	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	0.3	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	1928	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	9.9	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	27.1	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	33.7	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	15.0	---	NA
11.	Stack Temperature	°C	124	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	7.9	IS 11255:Part 02	NA

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

<--- End of Report --->

Verified By : *S. di*



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-2023/12/005	Report Date :	04.12.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/12/2023	Sample Reference No :	ECI-SM-2023/12/005
Sample Drawn By :	ECI	Sample Received On :	01.12.2023
Sample Collected Date :	01.12.2023	Test Commenced On :	01.12.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	04.12.2023
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	DG 380 KVA - (Chimney)		

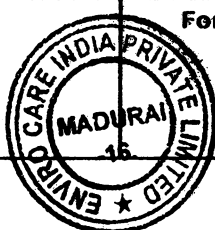
S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max.Permissible TNPCB norms for General Emission Standards
1.	Ambient Temperature	°C	32	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	0.3	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	2160	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	10.0	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	21.2	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	88	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	6.3	IS 11255:Part 02	NA

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

<--- End of Report --->

Verified By :

S.d.



For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

Authorized Signatory

[Signature]

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

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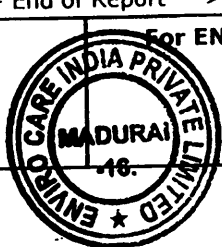
Report No :	ECI-SM-2023/12/003	Report Date :	04.12.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/12/2023	Sample Reference No :	ECI-SM-2023/12/003
Sample Drawn By :	ECI	Sample Received On :	01.12.2023
Sample Collected Date :	01.12.2023	Test Commenced On :	01.12.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	04.12.2023
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	4144	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	11.0	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	1.2	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	92	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

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

<--- End of Report --->

Verified By : *S.d.*



For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

[Signature]
Authorized Signatory

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

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2023/12/006	Report Date :	04.12.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/12/2023	Sample Reference No :	ECI-SM-2023/12/006
Sample Drawn By :	ECI	Sample Received On :	01.12.2023
Sample Collected Date :	01.12.2023	Test Commenced On :	01.12.2023
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	04.12.2023
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	Diesel Fired Drier-Silencer(Diesel)		

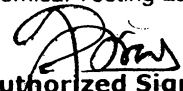
S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max.Permissible TNPCB norms for General Emission Standards
1.	Ambient Temperature	°C	32	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	0.4	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	2319	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	10.3	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	30.2	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	37.4	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	9.8	IS 11255:Part 02	NA

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

<--- End of Report --->

Verified By : 

For ENVIRO CARE INDIA PRIVATE LIMITED
(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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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-2023/12/002	Report Date :	04.12.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/12/2023	Sample Reference No :	ECI-NM-2023/12/002
Sample Description :	Noise	Monitoring Date :	01.12.2023
Monitored By :	ECI	Data Received On :	01.12.2023
S.No	Locations	Day Time	
		Minimum	Maximum
1.	Near Main Gate	60.3	62.5
2.	Admin Office Area	63.5	66.7
3.	Stack Yard Area	57.2	58.5
4.	Toilet Area	64.2	65.0
5.	Canteen Area	65.0	65.9
6.	DG Room	84.2	85.6
7.	Main Machine Area	76.2	77.1
8.	RM Section	72.1	73.7
9.	Stripping Machine Area	84.2	88.9
10.	Work Shop Area	77.3	79.6
Unit		dB (A)	
Max. Permissible Limit for Noise (Factories Rules, 1950)		90	
Reference Method		IS 9989	
Opinion: In the above mentioned locations meets the requirements of Factories Act Rules			
<--- End of Report --->			
Verified By : <i>S.d.</i>	 ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory) <i>[Signature]</i> Authorized Signatory		

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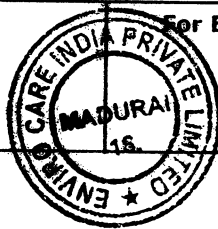




TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-NM-2023/12/001	Report Date :	04.12.2023
Customer Name & Address	M/s. Ramco Industries Ltd Plot No.12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/12/2023	Sample Reference No :	ECI-NM-2023/12/001
Sample Description :	Noise	Monitoring Date :	01.12.2023
Monitored By :	ECI	Data Received On :	01.12.2023
S.No	Locations	Night Time	
		Minimum	Maximum
1.	Near Main Gate	56.2	58.1
2.	Admin Office Area	58.2	60.3
3.	Stack Yard Area	54.5	56.4
4.	Toilet Area	63.2	64.6
5.	Canteen Area	60.0	61.3
6.	DG Room	70.2	73.5
7.	Main Machine Area	74.2	78.5
8.	RM Section	69.5	71.2
9.	Stripping Machine Area	82.8	87.4
10.	Work Shop Area	70.3	74.5
Unit		dB (A)	
Max. Permissible Limit for Noise (Factories Rules, 1950)		90	
Reference Method		IS 9989	
Opinion : In the above mentioned locations meets the requirements of Factories Act Rules			
<--- End of Report --->			
Verified By : S.D.		For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory) Authorized Signatory	



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

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

Arakkonam

Date:05.01.2024

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

Ref.No.	Date of sampling	Location	S/P	Flow Rate (ml/min)	Sampling duration (min)	Fibre Count (nos)	Fibre concentration (ffcc)
1	17.12.2023	ASBESTOS STORAGE GODOWN	S	1000	240	13	0.029
2	08.12.2023	BAG OPENING DEVICE / ERM	P	1000	240	13	0.029
3	07.12.2023	SLURRY MIXER	S	1000	240	10	0.022
4	09.12.2023	SHEETING MACHINE	P	1000	240	9	0.020
5	09.12.2023	CORRUGATOR	P	1000	240	7	0.015
6	07.12.2023	MOULDING AREA	P	1000	240	9	0.020
7	15.12.2023	LABORATORY	P	1000	240	6	0.013
8	17.12.2023	LOADING AREA	S	1000	240	7	0.015
9	11.12.2023	NEAT MAIN GATE(OUT SIDE)	S	1000	240	4	0.009
10	11.12.2023	SEGREGATION	P	1000	240	8	0.018
11	15.12.2023	SALVAGE	S	1000	240	7	0.015
12	10.12.2023	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

for S. Jayar
SENIOR MANAGER QUALITY



RAMCO INDUSTRIES LIMITED

Assistant General Manager Production,

Ramco Industries Limited,

SIPCOT Industrial Area,

Gangaikondan,

TIRUNELVELI, Tamil Nadu.

Arakkonam

Date: 05.01.2024

We are giving below the count report of fibre dust samples received from Gangaikondan factory for the month of Dec 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	06.12.2023	Fiber De-Stack	*	10	10000	3	0.0159
14	06.12.2023	Pulverizer De-Stack	*	10	10000	5	0.0265

Remarks:-

*P-Personal

*S-Static

Un able to process

for S. Jay R

SENIOR MANAGER QUALITY

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



TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-AAQ-2024/01/014	Report Date :	04.01.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/01/2024	Sample Reference No :	ECI-AAQ-2024/01/014
Sample Drawn By :	ECI	Sample Received On :	01.01.2024
Sample Collected Date :	01.01.2024	Test Commenced On :	01.01.2024
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	04.01.2024
Sample Description :	Ambient Air	Sampling Method :	IS 5182:Part 14
Sample Mark:	Near Main Gate		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method:6015	400
2.	Arsenic (as As)	µg/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	13.8	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	21.6	IS 5182 Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	58.4	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	5.9	IS 5182:Part 02	80

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

<--- End of Report --->

Verified By :



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

Authorized Signatory

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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-AAQ-2024/01/012	Report Date :	04.01.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/01/2024	Sample Reference No :	ECI-AAQ-2024/01/012
Sample Drawn By :	ECI	Sample Received On :	01.01.2024
Sample Collected Date :	01.01.2024	Test Commenced On :	01.01.2024
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	04.01.2024
Sample Description :	Ambient Air	Sampling Method :	IS 5182:Part 14
Sample Mark :	Near Stack Yard		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method:6015	400
2.	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4.	Benzo-a-Pyrene (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5.	Carbon Monoxide (as CO)	mg/m ³	< 1.2	IS 5182:Part 10	2.0
6.	Lead (as Pb)	µg/m ³	< 0.1	IS 5182:Part 22	1.0
7.	Nickel (as Ni)	ng/m ³	< 0.1	IS 5182:Part 22	20
8.	Nitrogen dioxide (as NO ₂)	µg/m ³	23.4	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	65.2	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	6.3	IS 5182:Part 02	80

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

<--- End of Report --->

Verified By :

S.d.



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

Authorized Signatory

[Signature]

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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No. :	ECI-AAQ-2024/01/011	Report Date :	04.01.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/01/2024	Sample Reference No :	ECI-AAQ-2024/01/011
Sample Drawn By :	ECI	Sample Received On :	01.01.2024
Sample Collected Date :	01.01.2024	Test Commenced On :	01.01.2024
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	04.01.2024
Sample Description :	Ambient Air	Sampling Method :	IS 5182:Part 14
Sample Mark:	Near Guest House		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method:6015	400
2.	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4.	Benzo-a-Pyrine (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5.	Carbon Monoxide (as CO)	mg/m ³	< 1.2	IS 5182:Part 10	2.0
6.	Lead (as Pb)	µg/m ³	< 0.1	IS 5182:Part 22	1.0
7.	Nickel (as Ni)	ng/m ³	< 0.1	IS 5182:Part 22	20
8.	Nitrogen dioxide (as NO ₂)	µg/m ³	25.2	IS 5182:Part 06	80
9.	Ozone (as O ₃)	µg/m ³	< 9.8	IS 5182:Part 09	180
10.	Particulate Matter (PM _{2.5})	µg/m ³	20.3	IS 5182 Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	46.1	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	8.5	IS 5182:Part 02	80

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

<--- End of Report --->

Verified By :

S.d.



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-2024/01/013	Report Date :	04.01.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/01/2024	Sample Reference No :	ECI-AAQ-2024/01/013
Sample Drawn By :	ECI	Sample Received On :	01.01.2024
Sample Collected Date :	01.01.2024	Test Commenced On :	01.01.2024
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	04.01.2024
Sample Description :	Ambient Air	Sampling Method :	IS 5182:Part 14
Sample Mark:	Near Asbestos Godown		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method:6015	400
2.	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4.	Benzo-a-Pyrene (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5.	Carbon Monoxide (as CO)	mg/m ³	< 1.2	IS 5182:Part 10	2.0
6.	Lead (as Pb)	µg/m ³	< 0.1	IS 5182:Part 22	1.0
7.	Nickel (as Ni)	ng/m ³	< 0.1	IS 5182:Part 22	20
8.	Nitrogen dioxide (as NO ₂)	µg/m ³	18.6	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	29.1	IS 5182 Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	61.5	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	6.2	IS 5182:Part 02	80

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

<--- End of Report --->

Verified By :

S. d.



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

Authorized Signatory

[Signature]

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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2024/01/013	Report Date :	04.01.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/01/2024	Sample Reference No :	ECI-SM-2024/01/013
Sample Drawn By :	ECI	Sample Received On :	01.01.2024
Sample Collected Date :	01.01.2024	Test Commenced On :	01.01.2024
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	04.01.2024
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	3295	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	11.5	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	< 1.0	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	1.7	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	97	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

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

<--- End of Report --->

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

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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2024/01/012	Report Date :	04.01.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/01/2024	Sample Reference No :	ECI-SM-2024/01/012
Sample Drawn By :	ECI	Sample Received On :	01.01.2024
Sample Collected Date :	01.01.2024	Test Commenced On :	01.01.2024
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	04.01.2024
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	3298	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	31.8	IS 11255:Part 01	50
8.	Port hole Height from G Level	m	5.0	---	NA
9.	Stack Diameter at port hole	m	0.35	---	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

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

<--- End of Report --->

Verified By :

S. di



For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

Authorized Signatory

[Signature]

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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2024/01/015	Report Date :	04.01.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/01/2024	Sample Reference No :	ECI-SM-2024/01/015
Sample Drawn By :	ECI	Sample Received On :	01.01.2024
Sample Collected Date :	01.01.2024	Test Commenced On :	01.01.2024
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	04.01.2024
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	DG 750 KVA - (Chimney)		

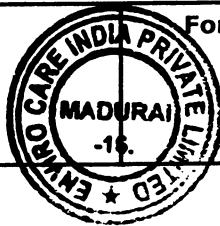
S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Ambient Temperature	°C	32	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	0.5	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	0.3	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	1866	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	10.5	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	26.4	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	34.8	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	164	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	7.5	IS 11255:Part 02	NA

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

<--- End of Report --->

Verified By :

S.d.



For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

[Signature]

Authorized Signatory

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

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2024/01/016	Report Date :	04.01.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/01/2024	Sample Reference No :	ECI-SM-2024/01/016
Sample Drawn By :	ECI	Sample Received On :	01.01.2024
Sample Collected Date :	01.01.2024	Test Commenced On :	01.01.2024
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	04.01.2024
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	2127	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	9.9	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	20.8	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	36.4	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	89	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	6.1	IS 11255:Part 02	NA

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

<--- End of Report --->

Verified By : 



For **ENVIRO CARE INDIA PRIVATE LIMITED**
(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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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.





TEST REPORT

Accredited by NABL (Chemical & Biological

Report No :	ECI-SM-2024/01/014	Report Date :	04.01.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/01/2024	Sample Reference No :	ECI-SM-2024/01/014
Sample Drawn By :	ECI	Sample Received On :	01.01.2024
Sample Collected Date :	01.01.2024	Test Commenced On :	01.01.2024
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	04.01.2024
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	4251	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	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	74	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

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

<--- End of Report --->

Verified By :

S. di



For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

Authorized Signatory

[Signature]

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

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2024/01/017	Report Date :	04.01.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/01/2024	Sample Reference No :	ECI-SM-2024/01/017
Sample Drawn By :	ECI	Sample Received On :	01.01.2024
Sample Collected Date :	01.01.2024	Test Commenced On :	01.01.2024
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	04.01.2024
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	Diesel Fired Drier-Silencer(Diesel)		

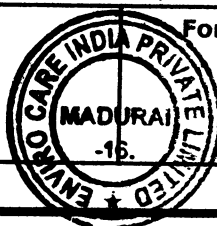
S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max.Permissible TNPCB norms for General Emission Standards
1.	Ambient Temperature	°C	32	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	0.4	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	2356	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	10.5	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	31.8	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	36.4	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	72	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	9.5	IS 11255:Part 02	NA

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

<--- End of Report --->

Verified By :

S.d.



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-NM-2024/01/006	Report Date :	04.01.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/01/2024	Sample Reference No :	ECI-NM-2024/01/006
Sample Description :	Noise	Monitoring Date :	01.01.2024
Monitored By :	ECI	Data Received On :	01.01.2024
S.No	Locations	Day Time	
		Minimum	Maximum
1.	Near Main Gate	60.4	62.6
2.	Admin Office Area	62.4	64.6
3.	Stack Yard Area	58.1	60.3
4.	Toilet Area	61.1	64.2
5.	Canteen Area	63.1	65.1
6.	DG Room	84.6	87.1
7.	Main Machine Area	85.1	86.1
8.	RM Section	74.1	77.2
9.	Stripping Machine Area	86.6	88.7
10.	Work Shop Area	77.4	78.4
Unit		dB (A)	
Max. Permissible Limit for Noise (Factories Rules, 1950)		90	
Reference Method		IS 9989	
Opinion: In the above mentioned locations meets the requirements of Factories Act Rules			
<--- End of Report --->			
Verified By :		For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory) Authorized Signatory	



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

Accredited by NABL (Chemical & Biological

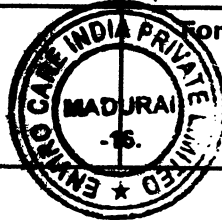
Report No :	ECI-NM-2024/01/008	Report Date :	04.01.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 01/01/2024	Sample Reference No :	ECI-NM-2024/01/008
Sample Description :	Noise	Monitoring Date :	01.01.2024
Monitored By :	ECI	Data Received On :	01.01.2024

S.No	Locations	Night Time	
		Minimum	Maximum
1.	Near Main Gate	57.8	59.5
2.	Admin Office Area	59.1	61.7
3.	Stack Yard Area	53.7	55.2
4.	Toilet Area	62.4	63.3
5.	Canteen Area	59.5	60.8
6.	DG Room	69.7	72.6
7.	Main Machine Area	75.3	79.9
8.	RM Section	70.6	72.1
9.	Stripping Machine Area	83.5	88.7
10.	Work Shop Area	72.3	76.4
Unit		dB (A)	
Max. Permissible Limit for Noise (Factories Rules, 1950)		90	
Reference Method		IS 9989	

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

<--- End of Report --->

Verified By : 



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


Authorized Signatory

#43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625016 Tel: 0452 4355103
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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:30.01.2024

We are giving below the count report of fibre dust samples received from Gangaikondan factory for the month of Jan 2024.

Ref.No.	Date of sampling	Location	S/P	Flow Rate (ml/min)	Sampling duration (min)	Fibre Count (nos)	Fibre concentration (f/cc)
1	18.01.2024	ASBESTOS STORAGE GODOWN	S	1000	240	12	0.026
2	05.01.2024	BAG OPENING DEVICE / ERM	P	1000	240	11	0.024
3	04.01.2024	SLURRY MIXER	S	1000	240	8	0.018
4	10.01.2024	SHEETING MACHINE	P	1000	240	7	0.015
5	12.01.2024	CORRUGATOR	P	1000	240	7	0.015
6	07.01.2024	MOULDING AREA	P	1000	240	9	0.020
7	09.01.2024	LABORATORY	P	1000	240	6	0.013
8	10.01.2024	LOADING AREA	S	1000	240	8	0.018
9	03.01.2024	NEAT MAIN GATE(OUT SIDE)	S	1000	240	5	0.011
10	11.01.2024	SEGREGATION	P	1000	240	7	0.015
11	08.01.2024	SALVAGE	S	1000	240	6	0.013
12	06.01.2024	PULVERIZER	P	1000	240	8	0.018

Remarks:-

*P-Personal

*S-Static

Un able to process

for S. Jay

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,

TIRUNELVELL, Tamil Nadu.

Arakkonam

Date: 30.01.2024

We are giving below the count report of fibre dust samples received from Gangaikondan factory for the month of Jan 2024.

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	01.01.2024	Fiber De-Stack	*	10	10000	3	0.0159
14	01.01.2024	Pulverizer De-Stack	*	10	10000	4	0.0212

Remarks:-

*P-Personal

*S-Static

Un able to process

for S. Joy R

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

SENIOR MANAGER QUALITY



TEST REPORT

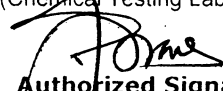
Accredited by NABL (Chemical & Biological)

Report No :	ECI-AAQ-2024/02/029	Report Date :	07.02.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 02/02/2024	Sample Reference No :	ECI-AAQ-2024/02/029
Sample Drawn By :	ECI	Sample Received On :	03.02.2024
Sample Collected Date :	02.02.2024	Test Commenced On :	03.02.2024
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	07.02.2024
Sample Description :	Ambient Air	Sampling Method :	IS 5182:Part 14
Sample Mark:	Near Stack Yard		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method:6015	400
2.	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4.	Benzo-a-Pyrene (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5.	Carbon Monoxide (as CO)	mg/m ³	< 1.2	IS 5182:Part 10	2.0
6.	Lead (as Pb)	µg/m ³	< 0.1	IS 5182:Part 22	1.0
7.	Nickel (as Ni)	ng/m ³	< 0.1	IS 5182:Part 22	20
8.	Nitrogen dioxide (as NO ₂)	µg/m ³	20.4	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	32.5	IS 5182 Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	65.9	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	5.1	IS 5182:Part 02	80

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

<--- End of Report --->

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



#43, 2nd Street, Harvey Nagar, Arasaradi Madurai - 625016 Tel: 0452 4355103 -
Email: info@envirocareindia.com / ec@envirocareindia.com

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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-AAQ-2024/02/031	Report Date :	07.02.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 02/02/2024	Sample Reference No :	ECI-AAQ-2024/02/031
Sample Drawn By :	ECI	Sample Received On :	03.02.2024
Sample Collected Date :	02.02.2024	Test Commenced On :	03.02.2024
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	07.02.2024
Sample Description :	Ambient Air	Sampling Method :	IS 5182:Part 14
Sample Mark:	Near Main Gate		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method:6015	400
2.	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4.	Benzo-a-Pyrene (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5.	Carbon Monoxide (as CO)	mg/m ³	< 1.2	IS 5182:Part 10	2.0
6.	Lead (as Pb)	µg/m ³	< 0.1	IS 5182:Part 22	1.0
7.	Nickel (as Ni)	ng/m ³	< 0.1	IS 5182:Part 22	20
8.	Nitrogen dioxide (as NO ₂)	µg/m ³	16.9	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	23.1	IS 5182 Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	59.7	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	8.0	IS 5182:Part 02	80

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

<--- End of Report --->

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



113, Anna Salai, Anna Nagar, 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-AAQ-2024/02/028	Report Date :	07.02.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 02/02/2024	Sample Reference No :	ECI-AAQ-2024/02/028
Sample Drawn By :	ECI	Sample Received On :	03.02.2024
Sample Collected Date :	02.02.2024	Test Commenced On :	03.02.2024
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	07.02.2024
Sample Description :	Ambient Air	Sampling Method :	IS 5182:Part 14
Sample Mark:	Near Guest House		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method:6015	400
2.	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4.	Benzo-a-Pyrene (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5.	Carbon Monoxide (as CO)	mg/m ³	< 1.2	IS 5182:Part 10	2.0
6.	Lead (as Pb)	µg/m ³	< 0.1	IS 5182:Part 22	1.0
7.	Nickel (as Ni)	ng/m ³	< 0.1	IS 5182:Part 22	20
8.	Nitrogen dioxide (as NO ₂)	µg/m ³	28.6	IS 5182:Part 06	80
9.	Ozone (as O ₃)	µg/m ³	< 9.8	IS 5182:Part 09	180
10.	Particulate Matter (PM _{2.5})	µg/m ³	21.3	IS 5182 Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	46.1	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	10.9	IS 5182:Part 02	80

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

<--- End of Report --->

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



#43, 2nd Street, Hanuman Nagar, Arasaradi, Madurai - 625018 | Ph: 0451 4355103
Email: lab@envirocareindia.com | Web: www.envirocareindia.com

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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-AAQ-2024/02/030	Report Date :	07.02.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 02/02/2024	Sample Reference No :	ECI-AAQ-2024/02/030
Sample Drawn By :	ECI	Sample Received On :	03.02.2024
Sample Collected Date :	02.02.2024	Test Commenced On :	03.02.2024
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	07.02.2024
Sample Description :	Ambient Air	Sampling Method :	IS 5182:Part 14
Sample Mark:	Near Asbestos Godown		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method:6015	400
2.	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4.	Benzo-a-Pyrene (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5.	Carbon Monoxide (as CO)	mg/m ³	< 1.2	IS 5182:Part 10	2.0
6.	Lead (as Pb)	µg/m ³	< 0.1	IS 5182:Part 22	1.0
7.	Nickel (as Ni)	ng/m ³	< 0.1	IS 5182:Part 22	20
8.	Nitrogen dioxide (as NO ₂)	µg/m ³	21.7	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	25.6	IS 5182:Part 24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	56.2	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	7.5	IS 5182:Part 02	80

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

<--- End of Report --->

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



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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-2024/02/023	Report Date :	07.02.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 02/02/2024	Sample Reference No :	ECI-SM-2024/02/023
Sample Drawn By :	ECI	Sample Received On :	03.02.2024
Sample Collected Date :	02.02.2024	Test Commenced On :	03.02.2024
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	07.02.2024
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	Fibre Mill Dust Collector – (Chimney)		

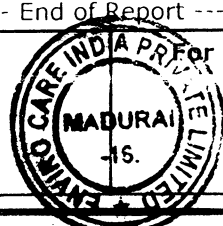
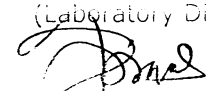
Stack Details:

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

S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	103	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	2718	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	9.7	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	1.6	IS 11255:Part 01	2.0
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

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

<--- End of Report --->

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

412, 2nd Street, Marudayyapatti, Madurai - 625 016 | 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-2024/02/022	Report Date :	07.02.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 02/02/2024	Sample Reference No :	ECI-SM-2024/02/022
Sample Drawn By :	ECI	Sample Received On :	03.02.2024
Sample Collected Date :	02.02.2024	Test Commenced On :	03.02.2024
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	07.02.2024
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	Cement Fly Storage (Chimney)		

Stack Details:

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

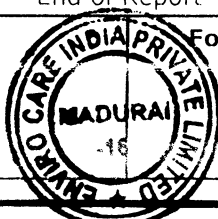
S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	59	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	< 0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	2825	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	8.9	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	< 1.0	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	33.9	IS 11255:Part 01	50
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

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

<--- End of Report --->

Verified By

S.d.



For ENVIRO CARE INDIA PRIVATE LIMITED

(Laboratory Director)

[Signature]

Authorized Signatory

112, 2nd Street, Harvey Nagar, Arasavadi, Madurai - 625 006 / Tel: 0452 401111

Email: info@ecilab.com / ecilab@ecilab.com / ecilab@ecilab.com / ecilab@ecilab.com

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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2024/02/025	Report Date :	07.02.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 02/02/2024	Sample Reference No :	ECI-SM-2024/02/025
Sample Drawn By :	ECI	Sample Received On :	03.02.2024
Sample Collected Date :	02.02.2024	Test Commenced On :	03.02.2024
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	07.02.2024
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	DG 750 KVA - (Chimney)		

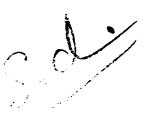
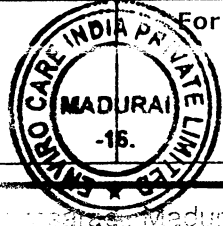
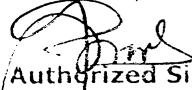
Stack Details:

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

S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	176	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)	0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	1976	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	11.4	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	36.5	IS 11255:Part 01	50
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	9.7	IS 11255:Part 02	NA

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

<--- End of Report --->

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

102, 2nd Street, Harvey Nagar, Madurai - 625016 | Tel: 0452 4355 100
Email: ias@envirocareindia.com | Web: www.envirocareindia.com

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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2024/02/026	Report Date :	07.02.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 02/02/2024	Sample Reference No :	ECI-SM-2024/02/026
Sample Drawn By :	ECI	Sample Received On :	03.02.2024
Sample Collected Date :	02.02.2024	Test Commenced On :	03.02.2024
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	07.02.2024
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	DG 380 KVA - (Chimney)		

Stack Details:

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

S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	106	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)	0.5	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	2234	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	10.9	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	23.2	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	34.7	IS 11255:Part 01	50
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	8.4	IS 11255:Part 02	NA

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

<--- End of Report --->

Verified By

S.d.



For ENVIRO CARE INDIA PRIVATE LIMITED
(Laboratory Division)

Authorized Signatory

#43, 2nd Street, Harvev Nagar, Arasaradi, Madurai - 625015 Tel: 0452-2511111
Email: info@envirocareindia.com

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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2024/02/024	Report Date :	07.02.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 02/02/2024	Sample Reference No :	ECI-SM-2024/02/024
Sample Drawn By :	ECI	Sample Received On :	03.02.2024
Sample Collected Date :	02.02.2024	Test Commenced On :	03.02.2024
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	07.02.2024
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	Pulverizer Dust Collector (Chimney)		

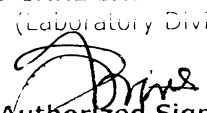
Stack Details:

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

S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	93	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	< 0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	3839	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	1.5	IS 11255:Part 01	2.0
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

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

< --- End of Report --- >

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

#43, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625010 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-2024/02/027	Report Date :	07.02.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 02/02/2024	Sample Reference No :	ECI-SM-2024/02/027
Sample Drawn By :	ECI	Sample Received On :	03.02.2024
Sample Collected Date :	02.02.2024	Test Commenced On :	03.02.2024
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	07.02.2024
Sample Description :	Stack	Sampling Method :	IS 11255 Part 01
Sample Mark:	Diesel Fired Drier-Silencer(Diesel)		

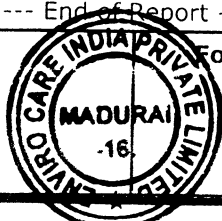
Stack Details:

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

S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	94	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	2006	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	33.6	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	38.2	IS 11255:Part 01	50
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	11.8	IS 11255:Part 02	NA

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

<--- End of Report --->



For ENVIRO CARE INDIA PRIVATE LIMITED
(Laboratory Division)

Verified By

S.d.

Authorized Signatory

#43, 2nd Street, Harvey Nagar, Araseer, Madurai - 625016 / Tel: 0452-2551002
Email: lab@envirocareil.com / www.envirocareil.com

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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-NM-2024/02/007	Report Date :	07.02.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 02/02/2024	Sample Reference No :	ECI-NM-2024/02/007
Sample Description :	Noise	Monitoring Date :	02.02.2024
Monitored By :	ECI	Data Received On :	03.02.2024

S.No	Locations	Day Time	
		Minimum	Maximum
1.	Near Main Gate	53.2	58.2
2.	Admin Office Area	63.1	64.6
3.	Stack Yard Area	56.2	59.3
4.	Toilet Area	60.2	62.5
5.	Canteen Area	61.3	63.5
6.	DG Room	85.2	87.2
7.	Main Machine Area	86.2	88.3
8.	RM Section	75.0	76.8
9.	Stripping Machine Area	87.4	89.6
10.	Work Shop Area	78.5	79.0

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

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

<--- End of Report --->

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

#01, 2nd Street, Harvey Nagar, Arasaradi, Madurai - 625016 Tel: 0452 4355107
Email: lab@envirocareindia.com | Web: www.envirocareindia.com

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TC 6226

TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-NM-2024/02/008	Report Date :	07.02.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 02/02/2024	Sample Reference No :	ECI-NM-2024/02/008
Sample Description :	Noise	Monitoring Date :	02.02.2024
Monitored By :	ECI	Data Received On :	03.02.2024
S.No	Locations	Night Time	
		Minimum	Maximum
1.	Near Main Gate	46.2	48.8
2.	Admin Office Area	54.2	56.3
3.	Stack Yard Area	49.8	53.2
4.	Toilet Area	54.5	58.2
5.	Canteen Area	43.2	46.7
6.	DG Room	70.2	74.0
7.	Main Machine Area	88.2	89.5
8.	RM Section	68.2	70.2
9.	Stripping Machine Area	86.4	88.3
10.	Work Shop Area	69.2	74.2
Unit	dB (A)		
Max. Permissible Limit for Noise (Factories Rules, 1950)	90		
Reference Method	IS 9989		
Opinion : In the above mentioned locations meets the requirements of Factories Act Rules.			
<--- End of Report --->			
Verified By :	For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory) Authorized Signatory		



#43, 2nd Street, E. V. S. Nagar, Arasaradi, Madurai - 625016 Tel: 0452 4055102

Email: info@envirocare.org Website: www.envirocare.org**Note:** 1. The results relate only to this item tested.

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RAMCO INDUSTRIES LIMITED

Deputy General Manager - Works,
Ramco Industries Limited,
SIPCOT Industrial Area,
Gangaikondan,
TIRUNELVELI, Tamil Nadu.

Arakkonam

Date: 01.03.2024

We are giving below the count report of fibre dust samples received from Gangaikondan factory for the month of Feb 2024.

Ref.No.	Date of sampling	Location	S/P	Flow Rate (ml/min)	Sampling duration (min)	Fibre Count (nos)	Fibre concentration (litre)
1	02.02.2024	ASBESTOS STORAGE GODOWN	S	1000	240	14	0.005
2	07.02.2024	BAG OPENING DEVICE / ERM	P	1000	240	12	0.005
3	03.02.2024	SLURRY MIXER	S	1000	240	5	0.002
4	05.02.2024	SHEETING MACHINE	P	1000	240	8	0.010
5	09.02.2024	CORRUGATOR	P	1000	240	8	0.013
6	08.02.2024	MOULDING AREA	P	1000	240	10	0.009
7	10.02.2024	LABORATORY	P	1000	240	4	0.006
8	06.02.2024	LOADING AREA	S	1000	240	6	0.013
9	12.02.2024	NEAR MAIN GATE(OUT SIDE)	S	1000	240	3	0.007
10	04.02.2024	SEGREGATION	P	1000	240	7	0.015
11	06.02.2024	SALVAGE	S	1000	240	8	0.019
12	11.02.2024	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

for S. Jay

SENIOR MANAGER QUALITY



RAMCO INDUSTRIES LIMITED

Deputy General Manager - Works,
Ramco Industries Limited,
SIPCOT Industrial Area,
Gangaikondan,
TIRUNELVELI, Tamil Nadu.

Arakkonam

Date:01.03.2024

We are giving below the count report of fibre dust samples received from Gangaikondan factory for the month of Feb 2024.

Ref.No	Date	Location	Sampling status	Duration in minutes	Volume of Air in CC/Min	No of Fibres	Fibre Concentration (F/CC)
13	02.02.24	Fiber De-Stack	*	10	10000	3	0.0159
14	02.02.24	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

S. S. Sanyal
SENIOR MANAGER QUALITY



TEST REPORT

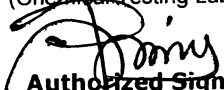
Accredited by NABL (Chemical & Biological)

Report No:	ECI-AAQ-2024/03/036	Report Date:	08.03.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No: 12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference:	IWO Date: 04/03/2024	Sample Reference No:	ECI-AAQ-2024/03/036
Sample Drawn By:	ECI	Sample Received On:	05.03.2024
Sample Collected Date:	04.03.2024	Test Commenced On:	05.03.2024
Qty of Sample Received:	Filter Paper & 25ml Solution	Test Completed On:	08.03.2024
Sample Description:	Ambient Air	Sampling Method:	IS 5182:Part 14
Sample Mark:	Near Main Gate		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method:6015	400
2.	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4.	Benzo-a-Pyrene (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5.	Carbon Monoxide (as CO)	mg/m ³	< 1.2	IS 5182:Part 10	2.0
6.	Lead (as Pb)	µg/m ³	< 0.1	IS 5182:Part 22	1.0
7.	Nickel (as Ni)	ng/m ³	< 0.1	IS 5182:Part 22	20
8.	Nitrogen dioxide (as NO ₂)	µg/m ³	18.7	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	22.5	IS 5182 Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	57.2	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	10.4	IS 5182:Part 02	80

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

<--- End of Report --->

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

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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-AAQ-2024/03/034	Report Date :	08.03.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 04/03/2024	Sample Reference No :	ECI-AAQ-2024/03/034
Sample Drawn By :	ECI	Sample Received On :	05.03.2024
Sample Collected Date :	04.03.2024	Test Commenced On :	05.03.2024
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	08.03.2024
Sample Description :	Ambient Air	Sampling Method :	IS 5182:Part 14
Sample Mark:	Near Stack Yard		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible Limits of CPCB
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method:6015	400
2.	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4.	Benzo-a-Pyrene (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5.	Carbon Monoxide (as CO)	mg/m ³	< 1.2	IS 5182:Part 10	2.0
6.	Lead (as Pb)	µg/m ³	< 0.1	IS 5182:Part 22	1.0
7.	Nickel (as Ni)	ng/m ³	< 0.1	IS 5182:Part 22	20
8.	Nitrogen dioxide (as NO ₂)	µg/m ³	22.9	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	30.1	IS 5182 Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	63.6	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	7.2	IS 5182:Part 02	80

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

<--- End of Report --->

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



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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-AAQ-2024/03/033	Report Date :	08.03.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 04/03/2024	Sample Reference No :	ECI-AAQ-2024/03/033
Sample Drawn By :	ECI	Sample Received On :	05.03.2024
Sample Collected Date :	04.03.2024	Test Commenced On :	05.03.2024
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	08.03.2024
Sample Description :	Ambient Air	Sampling Method :	IS 5182:Part 14
Sample Mark:	Near Guest House		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method:6015	400
2.	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4.	Benzo-a-Pyrene (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5.	Carbon Monoxide (as CO)	mg/m ³	< 1.2	IS 5182:Part 10	2.0
6.	Lead (as Pb)	µg/m ³	< 0.1	IS 5182:Part 22	1.0
7.	Nickel (as Ni)	ng/m ³	< 0.1	IS 5182:Part 22	20
8.	Nitrogen dioxide (as NO ₂)	µg/m ³	31.2	IS 5182:Part 06	80
9.	Ozone (as O ₃)	µg/m ³	< 9.8	IS 5182:Part 09	180
10.	Particulate Matter (PM _{2.5})	µg/m ³	23.3	IS 5182 Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	48.6	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	13.1	IS 5182:Part 02	80

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

<--- End of Report --->

Verified By : *S.d.*

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-2024/03/035	Report Date	08.03.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference	IWO Date: 04/03/2024	Sample Reference No.	ECI-AAQ-2024/03/035
Sample Drawn By	ECI	Sample Received On	05.03.2024
Sample Collected Date	04.03.2024	Test Commenced On	05.03.2024
Qty of Sample Received	Filter Paper & 25ml Solution	Test Completed On	08.03.2024
Sample Description	Ambient Air	Sampling Method	IS 5182:Part 14
Sample Mark	Near Asbestos Godown		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of CPCB
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	NIOSH Method:6015	400
2.	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4.	Benzo-a-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	23.6	IS 5182:Part 06	80
9.	Ozone (as O ₃)	µg/m ³	< 9.8	IS 5182:Part 09	180
10.	Particulate Matter (PM _{2.5})	µg/m ³	27.9	IS 5182 Part:24	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	58.5	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	9.3	IS 5182:Part 02	80

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

<--- End of Report --->

Verified By : 

For ENVIRO CARE INDIA PRIVATE LIMITED
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Authorized Signatory



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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2024/03/008	Report Date :	08.03.2024		
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352				
Customer Reference :	IWO Date: 04/03/2024	Sample Reference No :	ECI-SM-2024/03/008		
Sample Drawn By :	ECI	Sample Received On :	05.03.2024		
Sample Collected Date :	04.03.2024	Test Commenced On :	05.03.2024		
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	08.03.2024		
Sample Description :	Stack	Sampling Method :	IS 11255 :Part 01		
Sample Mark:	Fibre Mill Dust Collector – (Chimney)				
Stack Details:					
S. No	Details	Unit	Value		
1.	Port hole Height from G Level	m	5.0		
2.	Stack Diameter at port hole	m	0.35		
3.	Stack Height from G Level	m	26.0		
4.	Ambient Temperature	°C	32		
S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	111	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	2584	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	9.4	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	< 1.0	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	1.8	IS 11255:Part 01	2.0
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA
Opinion : In the above mentioned Parameter meets the requirements of TNPCB standards NA -- Not Applicable.					
<--- End of Report --->					
Verified By		For ENVIRO CARE INDIA PRIVATE LIMITED (Laboratory Division) Authorized Signatory			

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TEST REPORT

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Report No :	ECI-SM-2024/03/007	Report Date :	08.03.2024		
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352				
Customer Reference :	IWO Date: 04/03/2024	Sample Reference No :	ECI-SM-2024/03/007		
Sample Drawn By :	ECI	Sample Received On :	05.03.2024		
Sample Collected Date :	04.03.2024	Test Commenced On :	05.03.2024		
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	08.03.2024		
Sample Description :	Stack	Sampling Method :	IS 11255 :Part 01		
Sample Mark:	Cement Fly Storage (Chimney)				
Stack Details:					
S. No	Details	Unit	Value		
1.	Port hole Height from G Level	m	5.0		
2.	Stack Diameter at port hole	m	0.35		
3.	Stack Height from G Level	m	23.5		
4.	Ambient Temperature	°C	32		
S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	57	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	< 0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	2923	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	< 1.0	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	35.8	IS 11255:Part 01	50
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA
Opinion : In the above mentioned Parameter meets the requirements of TNPCB standards NA – Not Applicable.					
<--- End of Report --->					
Verified By	For ENVIRO CARE INDIA PRIVATE LIMITED (Laboratory Division) Authorized Signatory				

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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2024/03/010	Report Date :	08.03.2024		
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352				
Customer Reference :	IWO Date: 04/03/2024	Sample Reference No :	ECI-SM-2024/03/010		
Sample Drawn By :	ECI	Sample Received On :	05.03.2024		
Sample Collected Date :	04.03.2024	Test Commenced On :	05.03.2024		
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	08.03.2024		
Sample Description :	Stack	Sampling Method :	IS 11255 :Part 01		
Sample Mark:	DG 750 KVA - (Chimney)				
Stack Details:					
S. No	Details	Unit	Value		
1.	Port hole Height from G Level	m	5.0		
2.	Stack Diameter at port hole	m	0.30		
3.	Stack Height from G Level	m	15.0		
4.	Ambient Temperature	°C	32		
S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	186	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	0.5	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	0.3	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	1807	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	30.5	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	38.2	IS 11255:Part 01	50
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	11.4	IS 11255:Part 02	NA
Opinion : In the above mentioned Parameter meets the requirements of TNPCB standards NA – Not Applicable.					
<--- End of Report --->					
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TEST REPORT

Accredited by NABL - Chemical & Biological

Report No :	ECI-SM-2024/03/012	Report Date :	08.03.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 04/03/2024	Sample Reference No :	ECI-SM-2024/03/012
Sample Drawn By :	ECI	Sample Received On :	05.03.2024
Sample Collected Date :	04.03.2024	Test Commenced On :	05.03.2024
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	08.03.2024
Sample Description :	Stack	Sampling Method :	IS 11255 :Part 01
Sample Mark:	DG 380 KVA - (Chimney)		

Stack Details:

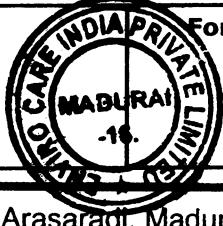
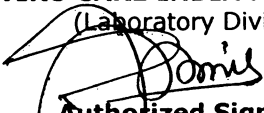
S. No	Details	Unit	Value
1.	Port hole Height from G Level	m	5.0
2.	Stack Diameter at port hole	m	0.30
3.	Stack Height from G Level	m	6.0
4.	Ambient Temperature	°C	32

S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	118	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	1958	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	9.9	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	25.6	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	32.9	IS 11255:Part 01	50
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	10.2	IS 11255:Part 02	NA

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

NA – Not Applicable.

<--- End of Report --->

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

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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2024/03/009	Report Date :	08.03.2024		
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352				
Customer Reference :	IWO Date: 04/03/2024	Sample Reference No :	ECI-SM-2024/03/009		
Sample Drawn By :	ECI	Sample Received On :	05.03.2024		
Sample Collected Date :	04.03.2024	Test Commenced On :	05.03.2024		
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	08.03.2024		
Sample Description :	Stack	Sampling Method :	IS 11255 :Part 01		
Sample Mark:	Pulverizer Dust Collector (Chimney)				
Stack Details:					
S. No	Details	Unit	Value		
1.	Port hole Height from G Level	m	6.0		
2.	Stack Diameter at port hole	m	0.40		
3.	Stack Height from G Level	m	9.0		
4.	Ambient Temperature	°C	32		
S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	88	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	3623	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	1.3	IS 11255:Part 01	2.0
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA
Opinion : In the above mentioned Parameter meets the requirements of TNPCB standards NA – Not Applicable.					
<--- End of Report --->					
Verified By		 ENVIRO CARE INDIA PRIVATE LIMITED (Laboratory Division) Authorized Signatory			

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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No :	ECI-SM-2024/03/011	Report Date :	08.03.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 04/03/2024	Sample Reference No :	ECI-SM-2024/03/011
Sample Drawn By :	ECI	Sample Received On :	05.03.2024
Sample Collected Date :	04.03.2024	Test Commenced On :	05.03.2024
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	08.03.2024
Sample Description :	Stack	Sampling Method :	IS 11255 :Part 01
Sample Mark:	Diesel Fired Drier-Silencer(Diesel)		

Stack Details:

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

S. No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCB norms for General Emission Standards
1.	Stack Temperature	°C	102	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	1921	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	31.6	IS 11255:Part 07	NA
7.	Particulate Matter (PM)	mg/Nm ³	40.8	IS 11255:Part 01	50
8.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	19.5	IS 11255:Part 02	NA

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

NA – Not Applicable.

<--- End of Report --->

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

#43, 2nd Street, Harvey Nagar, Aradurai, 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-2024/03/010	Report Date :	08.03.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Date: 04/03/2024	Sample Reference No :	ECI-NM-2024/03/010
Sample Description :	Noise	Monitoring Date :	04.03.2024
Monitored By :	ECI	Data Received On :	05.03.2024
S.No	Locations	Day Time	
		Minimum	Maximum
1.	Near Main Gate	54.2	57.5
2.	Admin Office Area	61.3	63.0
3.	Stack Yard Area	57.0	58.6
4.	Toilet Area	59.3	61.5
5.	Canteen Area	60.6	62.7
6.	DG Room	83.1	86.2
7.	Main Machine Area	85.4	87.4
8.	RM Section	73.2	76.2
9.	Stripping Machine Area	86.3	88.6
10.	Work Shop Area	80.2	81.3
Unit	dB (A)		
Max. Permissible Limit for Noise (Factories Rules, 1950)	90		
Reference Method	IS 9989		
Opinion: In the above mentioned locations meets the requirements of Factories Act Rules			
<--- End of Report --->			
Verified By :	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

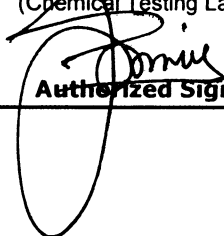
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TEST REPORT

Accredited by NABL (Chemical & Biological)

Report No.	ECI-NM-2024/03/011	Report Date	08.03.2024
Customer Name & Address	M/s. Ramco Industries Ltd Plot No: 12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference	IWO Date: 04/03/2024	Sample Reference No	ECI-NM-2024/03/011
Sample Description	Noise	Issued Date	04.03.2024
Monitored by	ECI	Issued Date	05.03.2024
S.No	Locations	Night Time	
		Minimum	Maximum
1.	Near Main Gate	47.1	48.6
2.	Admin Office Area	53.5	56.2
3.	Stack Yard Area	48.2	51.6
4.	Toilet Area	53.5	54.8
5.	Canteen Area	44.2	45.0
6.	DG Room	68.5	71.3
7.	Main Machine Area	87.2	88.9
8.	RM Section	67.3	69.4
9.	Stripping Machine Area	84.8	87.1
10.	Work Shop Area	64.2	68.4
Unit	dB (A)		
Max. Permissible Limit for Noise (Factories Rules, 1950)	90		
Reference Method	IS 9989		
Opinion : In the above mentioned locations meets the requirements of Factories Act Rules.			
<--- End of Report --->			
Verified By : 	For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory)  Authorized Signatory		



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

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RAMCO INDUSTRIES LIMITED

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

Arakkonam

Date: 29.03.2024

We are giving below the count report of fibre dust samples received from Gangaikondan factory for the month of March 2024.

Ref.No.	Date of sampling	Location	S/P	Flow Rate (ml/min)	Sampling duration (min)	Fibre Count (nos)	Fibre concentration (f/cc)
1	02.03.2024	ASBESTOS STORAGE GODOWN	S	1000	240	10	0.022
2	01.03.2024	BAG OPENING DEVICE / ERM	P	1000	240	12	0.026
3	05.03.2024	SLURRY MIXER	S	1000	240	7	0.015
4	08.03.2024	SHEETING MACHINE	P	1000	240	6	0.013
5	10.03.2024	CORRUGATOR	P	1000	240	8	0.018
6	04.03.2024	MOULDING AREA	P	1000	240	6	0.013
7	01.03.2024	LABORATORY	P	1000	240	#	#
8	06.03.2024	LOADING AREA	S	1000	240	8	0.018
9	03.03.2024	NEAR MAIN GATE(OUT SIDE)	S	1000	240	5	0.011
10	07.03.2024	SEGREGATION	P	1000	240	8	0.018
11	03.03.2024	SALVAGE	S	1000	240	7	0.015
12	06.03.2024	PULVERIZER	P	1000	240	9	0.020

Remarks:-

*P-Personal

*S-Static

Un able to process

for S. Jay

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: 29.03.2024

We are giving below the count report of fibre dust samples received from Gangaikondan factory for the month of March 2024.

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	04.03.2024	Fiber De-Stack	*	10	10000	4	0.0212
14	04.03.2024	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

for S. Bay
SENIOR MANAGER QUALITY