



TEST REPORT

Report No :	TC622621000000133F	Report Date :	16.04.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Dt: 12/04/2021	Sample Reference No :	ECI-AAQ-2021/04/004
Sample Drawn By :	ECI	Sample Received On :	10.04.2021
Sample Collected Date :	09.04.2021	Test Commenced On :	12.04.2021
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	16.04.2021
Sample Description :	Ambient Air	Sampling Method :	IS 5182:P14
Sample Mark:	Near Main Gate		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of NAAQs (Industrial, Residential)
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	IS 11255:Part 06	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	ECI-SOP-SAM-08	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	18.2	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	32.5	EPA 40 CFR Part 50 Appendix L	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	66.4	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	8.3	IS 5182:Part 02	80

<--- End of Report --->

Verified By :

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

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

Authorized Signatory



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

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

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





TEST REPORT

Accredited by NABL (Chemical & Biological)
Recognized by BIS as per IS : 14543 : 2018

Report No :	TC622621000000130F	Report Date :	16.04.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangalkondan Tirunelveli Dist-627352		
Customer Reference :	IWO Dt: 12/04/2021	Sample Reference No :	ECI-AAQ-2021/04/001
Sample Drawn By :	ECI	Sample Received On :	10.04.2021
Sample Collected Date :	09.04.2021	Test Commenced On :	12.04.2021
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	16.04.2021
Sample Description :	Ambient Air	Sampling Method :	IS 5182:P14
Sample Mark:	Near Asbestos Godown		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of NAAQs (Industrial, Residential)
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	IS 11255:Part 06	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	ECI-SOP-SAM-08	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	18.4	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	31.2	EPA 40 CFR Part 50 Appendix L	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	64.8	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	8.4	IS 5182:Part 02	80

<--- End of Report --->

Verified By : *[Signature]*

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

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Authorized Signatory

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TEST REPORT

Report No :	TC622621000000132F	Report Date :	16.04.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Dt: 12/04/2021	Sample Reference No :	ECI-AAQ-2021/04/003
Sample Drawn By :	ECI	Sample Received On :	10.04.2021
Sample Collected Date :	09.04.2021	Test Commenced On :	12.04.2021
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	16.04.2021
Sample Description :	Ambient Air	Sampling Method :	IS 5182:P14
Sample Mark:	Near Stack Yard		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of NAAQs (Industrial, Residential)
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	IS 11255:Part 06	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	ECI-SOP-SAM-08	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	20.7	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	26.3	EPA 40 CFR Part 50 Appendix L	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	54.1	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	9.5	IS 5182:Part 02	80

<--- End of Report --->

Verified By : *[Signature]*

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

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

[Signature]
Authorized Signatory



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Report No :	TC622621000000131F	Report Date :	16.04.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcol Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO DI: 12/04/2021	Sample Reference No :	ECI-AAQ-2021/04/002
Sample Drawn By :	ECI-	Sample Received On :	10.04.2021
Sample Collected Date :	09.04.2021	Test Commenced On :	12.04.2021
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	16.04.2021
Sample Description :	Ambient Air	Sampling Method :	IS 5182:P14
Sample Mark:	Near Guest House		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of NAAQs (Industrial, Residential)
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	IS 11255:Part 06	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	ECI-SOP-SAM-08	2.0
6.	Lead (as Pb)	µg/m ³	< 0.1	IS 5182:Part 22	1.0
7.	Nickel (as Ni)	ng/m ³	< 0.1	IS 5182:Part 22	20
8.	Nitrogen dioxide (as NO ₂)	µg/m ³	10.9	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	16.4	EPA 40 CFR Part 50 Appendix L	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	30.6	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	4.9	IS 5182:Part 02	80

<--- End of Report --->

Verified By :

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

Authorized Signatory

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TC 5226

TEST REPORT

Report No :	TC622621000000135F	Report Date :	16.04.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO DI: 12/04/2021	Sample Reference No :	ECI-SM-2021/04/002
Sample Drawn By :	ECI	Sample Received On :	10.04.2021
Sample Collected Date :	09.04.2021	Test Commenced On :	12.04.2021
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	16.04.2021
Sample Description :	Slack	Sampling Method :	IS :11255:P1
Sample Mark:	Fiber 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	2814	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	8.4	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	< 5.0	IS 11255:Part 07 & IS 5182 :Part 06	NA
7.	Particulate Matter (PM)	mg/Nm ³	1.6	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	37	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 2.5	IS 11255:Part 02	NA

<--- End of Report --->

Verified By :

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

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TEST REPORT

Accredited by **NABL** (Chemical & Biological)
Recognized by **BIS** as per IS : 14543 : 2016

Report No :	TC622621000000134F	Report Date :	16.04.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Dt: 12/04/2021	Sample Reference No :	ECI-SM-2021/04/001
Sample Drawn By :	ECI	Sample Received On :	10.04.2021
Sample Collected Date :	09.04.2021	Test Commenced On :	12.04.2021
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	16.04.2021
Sample Description :	Stack	Sampling Method :	IS :11255:P1
Sample Mark:	Cement Fly Storage		

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	2847	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	8.5	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	< 5.0	IS 11255:Part 07 & IS 5182 :Part 06	NA
7.	Particulate Matter (PM)	mg/Nm ³	21.8	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	35	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 2.5	IS 11255:Part 02	NA

<--- End of Report --->

Verified By : *[Signature]*

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

[Signature]
Authorized Signatory



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Report No :	TC622621000000136F	Report Date :	16.04.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcol Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Dt: 12/04/2021	Sample Reference No :	ECI-SM-2021/04/003
Sample Drawn By :	ECI	Sample Received On :	10.04.2021
Sample Collected Date :	09.04.2021	Test Commenced On :	12.04.2021
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	16.04.2021
Sample Description :	Slack	Sampling Method :	IS :11255:P1
Sample Mark:	Pulverizer Dust Collector		

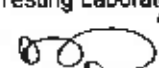
S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max.Permissible TNPGB norms for General Emission Standards
1.	Ambient Temperature	°C	32	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	< 0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	3689	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	8.5	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	< 5.0	IS 11255:Part 07 & IS 5182 :Part 06	NA
7.	Particulate Matter (PM)	mg/Nm ³	1.0	IS 11255:Part 01	2.0
8.	Port hole Height from G Level	m	6.0	---	NA
9.	Slack Diameter at port hole	m	0.40	---	NA
10.	Slack Height from G Level	m	9.0	---	NA
11.	Slack Temperature	°C	39	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 2.5	IS 11255:Part 02	NA

<--- End of Report --->

Verified By : 

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)


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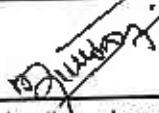
TEST REPORT

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Recognized by BIS as per IS : 14543 : 2016

Report No :	TC622621000000137F	Report Date :	16.04.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO DI: 12/04/2021	Sample Reference No :	ECI-SM-2021/04/004
Sample Drawn By :	ECI	Sample Received On :	10.04.2021
Sample Collected Date :	09.04.2021	Test Commenced On :	12.04.2021
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	16.04.2021
Sample Description :	Stack	Sampling Method :	IS : 11255:P1
Sample Mark:	DG 750 KVA - Silencer (Diesel)		

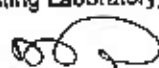
S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max.Permissible TNPCC norms for General Emission Standards
1.	Ambient Temperature	°C	32	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	0.6	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	0.6	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	1834	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	8.7	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	26.5	IS 11255:Part 07 & IS 5182 :Part 06	NA
7.	Particulate Matter (PM)	mg/Nm ³	49.6	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	15.0	---	NA
11.	Stack Temperature	°C	87	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	13.2	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**
(Chemical Testing Laboratory)


Authorized Signatory



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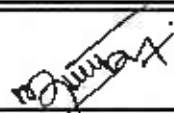
TEST REPORT

Accredited by NABL (Chemical & Biological)
Recognized by BIS as per IS : 14543 : 2016

Report No :	TC622621000000138F	Report Date :	16.04.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Dt: 12/04/2021	Sample Reference No :	ECI-NM-2021/04/001
Sample Description :	Noise	Monitoring Date :	09.04.2021
Monitored By :	ECI	Data Received On :	10.04.2021

S.No	Locations	Day Time	
		Minimum	Maximum
1.	Admin Office Area	64.0	66.8
2.	Canteen Area	64.3	65.0
3.	DG Room	71.4	72.7
4.	Main Machine Area	73.7	74.3
5.	RM Section	70.9	71.5
6.	Stack Yard Area	58.5	59.3
7.	Stripping Machine Area	68.9	69.6
8.	Toilet Area	64.7	65.6
9.	Work Shop Area	68.3	69.0
10.	Near Main Gate	62.5	63.8
Unit		dB (A)	
TNPCB Max. Permissible Limit for Day Time (Industrial Area)		75	
Reference Method		IS 9989	

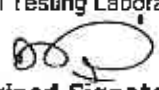
<--- End of Report --->

Verified By : 

Remarks : In the above mentioned locations meets the requirements of TNPCB standards.

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)




Authorized Signatory

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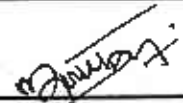
TEST REPORT

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Recognized by BIS as per IS : 14543 : 2016

Report No :	TC622621000000139F	Report Date :	16.04.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipco Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Dt: 12/04/2021	Sample Reference No :	ECI-NM-2021/04/002
Sample Description :	Noise	Monitoring Date :	09.04.2021
Monitored By :	ECI	Data Received On :	10.04.2021

S.No	Locations	Night Time	
		Minimum	Maximum
1.	Admin Office Area	61.8	62.5
2.	Canteen Area	63.9	65.7
3.	DG Room	68.3	69.5
4.*	Main Machine Area	65.7	68.3
5.	RM Section	64.6	67.5
6.	Slack Yard Area	57.6	58.3
7.	Stripping Machine Area	63.0	68.6
8.	Toilet Area	63.5	65.0
9.	Work Shop Area	66.9	68.0
10.	Near Main Gate	61.8	62.5
Unit		dB (A)	
TNPCB Max. Permissible Limit for Night Time (Industrial Area)		70	
Reference Method		IS 9989	

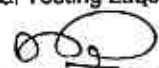
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For **ENVIRO CARE INDIA PRIVATE LIMITED**
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RAMCO INDUSTRIES LIMITED

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

Arakkonam
Date: 23/04/2021

We are giving below the count report of fibre dust samples received from Gangaikondan factory for the month of April 2021.

Ref.No.	Date of sampling	Location	S/P	Flow Rate (ml/min)	Sampling duration (min)	Fibre Count (nos)	Fibre concentration (ffcc)
1	08.04.2021	ASBESTOS STORAGE GODOWN	S	1000	240	5	0.011
2	09.04.2021	BAG OPENING DEVICE / ERM	P	1000	240	8	0.018
3	10.04.2021	SLURRY MIXER	S	1000	240	8	0.018
4	10.04.2021	SHEETING MACHINE	P	1000	240	7	0.015
5	11.04.2021	CORRUGATOR	P	1000	240	6	0.013
6	12.04.2021	MOULDING AREA	P	1000	240	8	0.018
7	13.04.2021	LABORATORY	P	1000	240	9	0.020
8	14.04.2021	LOADING AREA	S	1000	240	7	0.015
9	15.04.2021	NEAR MAIN GATE (OUT SIDE)	S	1000	240	8	0.018
10	16.04.2021	SEGREGATION	P	1000	240	7	0.015
11	16.04.2021	SALVAGE	S	1000	240	6	0.013
12	17.04.2021	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: 23/04/2021

We are giving below the count report of fibre dust samples received from Gangaikondan factory for the month of April 2021.

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	10.04.2021	Fiber De-Stack	*	10	10000	7	0.037
14	10.04.2021	Pulverizer De-Stack	*	10	10000	7	0.037

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



Enviro Care®
INDIA PRIVATE LIMITED
ISO 9001 : 2008 Certified Company
ISO 14001 : 2004 Certified Company
OHSAS : 18001 : 2007 Certified Company

TEST REPORT

Accredited by **NABL** (Chemical & Biological)
Recognized by **BIS** as per IS : 14543 : 2016

Report No :	ECI-AAQ-2021/05/017	Report Date :	15.05.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Dt: 08/05/2021	Sample Reference No :	ECI-AAQ-2021/05/017
Sample Drawn By :	ECI	Sample Received On :	10.05.2021
Sample Collected Date :	08.05.2021	Test Commenced On :	10.05.2021
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	15.05.2021
Sample Description :	Ambient Air	Sampling Method :	IS 5182:P14
Sample Mark:	Near Main Gate		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of NAAQs (Industrial, Residential)
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	IS 11255:Part 06	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	ECI-SOP-SAM-08	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	34.5	EPA 40 CFR Part 50 Appendix L	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	71.6	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	9.7	IS 5182:Part 02	80

<--- End of Report --->

Verified By : *[Signature]*

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

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



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TEST REPORT

Accredited by **NABL** (Chemical & Biological)
Recognized by **BIS** as per IS : 14543 : 2016

Report No :	ECI-AAQ-2021/05/014	Report Date :	15.05.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipool Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO DI: 08/05/2021	Sample Reference No :	ECI-AAQ-2021/05/014
Sample Drawn By :	ECI	Sample Received On :	10.05.2021
Sample Collected Date :	08.05.2021	Test Commenced On :	10.05.2021
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	15.05.2021
Sample Description :	Ambient Air	Sampling Method :	IS 5182:P14
Sample Mark:	Near Asbestos Godown		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of NAAQs (Industrial, Residential)
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	IS 11255:Part 06	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	ECI-SOP-SAM-08	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	19.2	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	34.1	EPA 40 CFR Part 50 Appendix L	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	59.8	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	9.3	IS 5182:Part 02	80

<--- End of Report --->

Verified By : *[Signature]*

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

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



[Signature]
Authorized Signatory

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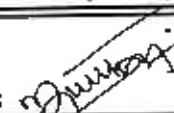
TEST REPORT

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Report No :	ECI-AAQ-2021/05/016	Report Date :	15.05.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Dt: 08/05/2021	Sample Reference No :	ECI-AAQ-2021/05/016
Sample Drawn By :	ECI	Sample Received On :	10.05.2021
Sample Collected Date :	08.05.2021	Test Commenced On :	10.05.2021
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	15.05.2021
Sample Description :	Ambient Air	Sampling Method :	IS 5182:P14
Sample Mark:	Near Stack Yard		

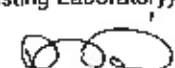
S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of NAAQs (Industrial, Residential)
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	IS 11255:Part 06	400
2.	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3.	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4.	Benzo-a-Pyrine (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5.	Carbon Monoxide (as CO)	mg/m ³	< 1.2	ECI-SOP-SAM-08	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	28.4	EPA 40 CFR Part 50 Appendix L	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	59.2	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	11.5	IS 5182:Part 02	80

<--- End of Report --->

Verified By : 

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

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


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TEST REPORT

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Report No :	ECI-AAQ-2021/05/015	Report Date :	15.05.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcol Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Dt: 08/05/2021	Sample Reference No :	ECI-AAQ-2021/05/015
Sample Drawn By :	ECI	Sample Received On :	10.05.2021
Sample Collected Date :	08.05.2021	Test Commenced On :	10.05.2021
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	15.05.2021
Sample Description :	Ambient Air	Sampling Method :	IS 5182:P14
Sample Mark:	Near Guest House		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of NAAQs (Industrial, Residential)
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	IS 11255:Part 06	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	ECI-SOP-SAM-08	2.0
6.	Lead (as Pb)	µg/m ³	< 0.1	IS 5182:Part 22	1.0
7.	Nickel (as Ni)	ng/m ³	< 0.1	IS 5182:Part 22	20
8.	Nitrogen dioxide (as NO ₂)	µg/m ³	12.8	IS 5182:Part 06	80
9.	Ozone (as O ₃)	µg/m ³	< 9.8	IS 5182:Part 09	180
10.	Particulate Matter (PM _{2.5})	µg/m ³	18.5	EPA 40 CFR Part 50 Appendix L	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	36.2	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 :

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

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

Authorized Signatory



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TEST REPORT

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Recognized by **BIS** as per IS : 14543 : 2016

Report No :	ECI-SM-2021/05/024	Report Date :	15.05.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Dt: 08/05/2021	Sample Reference No :	ECI-SM-2021/05/024
Sample Drawn By :	ECI	Sample Received On :	10.05.2021
Sample Collected Date :	08.05.2021	Test Commenced On :	10.05.2021
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	15.05.2021
Sample Description :	Slack	Sampling Method :	IS :11255:P1
Sample Mark:	Fiber Mill Dust Collector - Chimney		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max.Perm(issible TNPGB 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	2814	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	8.4	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	< 1.0	IS 11255:Part 07 & IS 5182 :Part 06	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	37	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 : *[Signature]*

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

[Signature]
Authorized Signatory



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TC 6226

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TEST REPORT

Report No :	ECI-SM-2021/05/023	Report Date :	15.05.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcol Industrial Growth Centre Gangalkondan Tirunelveli Dist-627352		
Customer Reference :	IWO Dt: 08/05/2021	Sample Reference No :	ECI-SM-2021/05/023
Sample Drawn By :	ECI	Sample Received On :	10.05.2021
Sample Collected Date :	08.05.2021	Test Commenced On :	10.05.2021
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	15.05.2021
Sample Description :	Stack	Sampling Method :	IS :11255:P1
Sample Mark:	Cement Fly Storage		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max.Permissible TNPCE 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	2647	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	8.5	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	< 1.0	IS 11255:Part 07 & IS 5182 :Part 06	NA
7.	Particulate Matter (PM)	mg/Nm ³	26.3	IS 11255:Part 01	50
8.	Port hole Height from G Level	m	5.0	---	NA
9.	Stack Diameter at port hole	m	0.35	---	NA
10.	Stack Height from G Level	m	23.5	---	NA
11.	Stack Temperature	°C	35	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 TNPCE 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)

Recognized by BIS as per IS : 14543 : 2016

Report No :	ECI-SM-2021/05/021	Report Date :	15.05.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Dt: 08/05/2021	Sample Reference No :	ECI-SM-2021/05/021
Sample Drawn By :	ECI	Sample Received On :	10.05.2021
Sample Collected Date :	08.05.2021	Test Commenced On :	10.05.2021
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	15.05.2021
Sample Description :	Stack	Sampling Method :	IS :11255:P1
Sample Mark:	Pulverizer Dust Collector		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max.Permissible TNPCL norms for General Emission Standards
1.	Ambient Temperature	°C	32	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	< 0.2	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	3689	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	8.5	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	< 1.0	IS 11255:Part 07 & IS 5182 :Part 06	NA
7.	Particulate Matter (PM)	mg/Nm ³	1.3	IS 11255:Part 01	2.0
8.	Port hole Height from G Level	m	6.0	---	NA
9.	Stack Diameter at port hole	m	0.40	---	NA
10.	Stack Height from G Level	m	9.0	---	NA
11.	Stack Temperature	°C	39	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

<--- End of Report --->

Verified By :

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

Authorized Signatory

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TEST REPORT

Accredited by **NABL** (Chemical & Biological)
Recognized by BIS as per IS : 14543 : 2016

Report No :	ECI-SM-2021/05/022	Report Date :	15.05.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipool Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Dt: 08/05/2021	Sample Reference No :	ECI-SM-2021/05/022
Sample Drawn By :	ECI	Sample Received On :	10.05.2021
Sample Collected Date :	08.05.2021	Test Commenced On :	10.05.2021
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	15.05.2021
Sample Description :	Stack	Sampling Method :	IS :11255:P1
Sample Mark:	DG 750 KVA - Silencer (Diesel)		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max.Permissible TNPCE norms for General Emission Standards
1.	Ambient Temperature	°C	32	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	0.6	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	0.6	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	1834	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	8.7	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	34.1	IS 11255:Part 07 & IS 5182 :Part 06	NA
7.	Particulate Matter (PM)	mg/Nm ³	48.2	IS 11255:Part 01	50
8.	Port hole Height from G Level	m	5.0	---	NA
9.	Stack Diameter at port hole	m	0.30	---	NA
10.	Stack Height from G Level	m	15.0	---	NA
11.	Stack Temperature	°C	87	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	16.5	IS 11255:Part 02	NA

<--- End of Report --->

Verified By :

Remarks : In the above mentioned stack meets the requirements of TNPCE 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)
Recognized by BIS as per IS : 14543 : 2016

Report No :	ECI-NM-2021/05/013	Report Date :	15.05.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Dt: 08/05/2021	Sample Reference No :	ECI-NM-2021/05/013
Sample Description :	Noise	Monitoring Date :	08.05.2021
Monitored By :	ECI	Data Received On :	10.05.2021
S.No	Locations	Day Time	
		Minimum	Maximum
1.	Admin Office Area	61.3	62.5
2.	Canteen Area	66.2	67.4
3.	DG Room	72.1	73.6
4.	Main Machine Area	72.8	74.1
5.	RM Section	69.2	70.8
6.	Stack Yard Area	54.6	55.2
7.	Stripping Machine Area	66.8	67.6
8.	Toilet Area	62.7	63.4
9.	Work Shop Area	65.1	66.5
10.	Near Main Gate	63.8	64.9
Unit		dB (A)	
TNPB Max. Permissible Limit for Day Time (Industrial Area)		75	
Reference Method		IS 9989	
<--- End of Report --->			
Verified By :			
Remarks:	In the above mentioned locations meets the requirements of TNPB standards.		
		For ENVIRO CARE INDIA PRIVATE LIMITED (Chemical Testing Laboratory)	
		 Authorized Signatory	

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TEST REPORT

Accredited by **NABL** (Chemical & Biological)
Recognized by BIS as per IS : 14543 : 2015

Report No :	ECI-NM-2021/05/014	Report Date :	15.05.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipco Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO DI: 08/05/2021	Sample Reference No :	ECI-NM-2021/05/014
Sample Description :	Noise	Monitoring Date :	08.05.2021
Monitored By :	ECI	Data Received On :	10.05.2021

S.No	Locations	Night Time	
		Minimum	Maximum
1.	Admin Office Area	62.5	63.4
2.	Canteen Area	65.2	66.7
3.	DG Room	66.1	67.3
4.	Main Machine Area	60.5	61.2
5.	RM Section	63.8	64.9
6.	Slack Yard Area	58.3	59.5
7.	Stripping Machine Area	61.9	63.4
8.	Toilet Area	66.2	67.5
9.	Work Shop Area	63.7	64.8
10.	Near Main Gate	65.4	66.9
Unit		dB (A)	
TNPCB Max. Permissible Limit for Night Time (Industrial Area)		70	
Reference Method		IS 9989	

<--- End of Report --->

Verified By :

Remarks : In the above mentioned locations meets the requirements of TNPCB standards

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: 17/06/2021

We are giving below the count report of fibre dust samples received from Gangaikondan factory for the month of May 2021.

Ref.No.	Date of sampling	Location	S/P	Flow Rate (ml/min)	Sampling duration (min)	Fibre Count (nos)	Fibre concentration (f/cc)
1	08.05.2021	ASBESTOS STORAGE GODOWN	S	1000	240	5	0.011
2	09.05.2021	BAG OPENING DEVICE / ERM	P	1000	240	10	0.022
3	10.05.2021	SLURRY MIXER	S	1000	240	6	0.013
4	11.05.2021	SHEETING MACHINE	P	1000	240	5	0.011
5	12.05.2021	CORRUGATOR	P	1000	240	6	0.013
6	13.05.2021	MOULDING AREA	P	1000	240	8	0.016
7	14.05.2021	LABORATORY	P	1000	240	4	0.009
8	15.05.2021	LOADING AREA	S	1000	240	6	0.013
9	16.05.2021	NEAR MAIN GATE (OUT SIDE)	S	1000	240	4	0.009
10	17.05.2021	SEGREGATION	P	1000	240	6	0.013
11	18.05.2021	SALVAGE	S	1000	240	14	0.031
12	19.05.2021	PULVERIZER	P	1000	240	11	0.024

Remarks:-

* P- Personal

* S- Static

Un able to process

SENIOR MANAGER QUALITY

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



RAMCO INDUSTRIES LIMITED

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

Arakkonam

Date: 17/06/2021

We are giving below the count report of fibre dust samples received from Gangaikondan factory for the month of May 2021.

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	10.05.2021	Fiber De-Stack	*	10	10000	7	0.037
14	10.05.2021	Pulverizer De-Stack	*	10	10000	5	0.027

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)
Recognized by BIS as per IS : 14543 : 2018

Report No :	ECI-AAQ-2021/06/009	Report Date :	08.06.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcol Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Dt: 04/06/2021	Sample Reference No :	ECI-AAQ-2021/06/009
Sample Drawn By :	ECI	Sample Received On :	05.06.2021
Sample Collected Date :	04.06.2021	Test Commenced On :	05.06.2021
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	08.06.2021
Sample Description :	Ambient Air	Sampling Method :	IS 5182:P14
Sample Mark:	Near Main Gate		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of NAAQs (Industrial, Residential)
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	IS 11255:Part 06	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	ECI-SOP-SAM-08	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	17.5	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	29.8	EPA 40 CFR Part 50 Appendix L	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	64.3	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	8.8	IS 5182:Part 02	80

<--- End of Report --->

Verified By : *[Signature]*

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

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

[Signature]
Authorized Signatory



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TEST REPORT

Accredited by **NABL** (Chemical & Biological)
Recognized by BIS as per IS : 14543 : 2016

Report No :	ECI-AAQ-2021/06/010	Report Date :	08.06.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Dt: 04/06/2021	Sample Reference No :	ECI-AAQ-2021/06/010
Sample Drawn By :	ECI	Sample Received On :	05.06.2021
Sample Collected Date :	04.06.2021	Test Commenced On :	05.06.2021
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	08.06.2021
Sample Description :	Ambient Air	Sampling Method :	IS 5182:P14
Sample Mark:	Near Asbestos Godown		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of NAAQs (Industrial, Residential)
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	IS 11255:Part 06	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	ECI-SOP-SAM-08	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	18.3	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	31.9	EPA 40 CFR Part 50 Appendix L	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	62.5	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	8.6	IS 5182:Part 02	80

<--- End of Report --->

Verified By : *[Signature]*

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

[Signature]
Authorized Signatory



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TEST REPORT

Accredited by **NABL** (Chemical & Biological)
Recognized by BIS as per IS : 14543 : 2016

Report No :	ECI-AAQ-2021/06/008	Report Date :	08.06.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Dt: 04/06/2021	Sample Reference No :	ECI-AAQ-2021/06/008
Sample Drawn By :	ECI	Sample Received On :	05.06.2021
Sample Collected Date :	04.06.2021	Test Commenced On :	05.06.2021
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	08.06.2021
Sample Description :	Ambient Air	Sampling Method :	IS 5182:P14
Sample Mark:	Near Stack Yard		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of NAAQs (Industrial, Residential)
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	IS 11255:Part 06	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	ECI-SOP-SAM-08	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	26.3	EPA 40 CFR Part 50 Appendix L	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	56.1	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	10.5	IS 5182:Part 02	80

<--- End of Report --->

Verified By : *[Signature]*

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)



[Signature]
Authorized Signatory

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TEST REPORT

Accredited by **NABL** (Chemical & Biological)
Recognized by BIS as per IS : 14543 : 2016

Report No :	ECI-AAQ-2021/06/011	Report Date :	15.05.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Dt: 04/06/2021	Sample Reference No :	ECI-AAQ-2021/06/011
Sample Drawn By :	ECI	Sample Received On :	05.06.2021
Sample Collected Date :	04.06.2021	Test Commenced On :	05.06.2021
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	08.06.2021
Sample Description :	Ambient Air	Sampling Method :	IS 5182:P14
Sample Mark:	Near Guest House		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of NAAQs (Industrial, Residential)
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	IS 11255:Part 06	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	ECI-SOP-SAM-08	2.0
6.	Lead (as Pb)	µg/m ³	< 0.1	IS 5182:Part 22	1.0
7.	Nickel (as Ni)	ng/m ³	< 0.1	IS 5182:Part 22	20
8.	Nitrogen dioxide (as NO ₂)	µg/m ³	10.9	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	16.4	EPA 40 CFR Part 50 Appendix L	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	34.1	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	5.2	IS 5182:Part 02	80

<--- End of Report --->

Verified By : *[Signature]*

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

[Signature]
Authorized Signatory



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TEST REPORT

Accredited by **NABL** (Chemical & Biological)
Recognized by BIS as per IS : 14543 : 2016

Report No :	ECI-SM-2021/06/007	Report Date :	08.06.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcol Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Dt: 04/06/2021	Sample Reference No :	ECI-SM-2021/06/007
Sample Drawn By :	ECI	Sample Received On :	05.06.2021
Sample Collected Date :	04.06.2021	Test Commenced On :	05.06.2021
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	08.06.2021
Sample Description :	Slack	Sampling Method :	IS :11255:P1
Sample Mark:	Fiber Mill Dust Collector - Chimney		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max.Permissible TNPCE 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	2814	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	8.4	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	< 1.0	IS 11255:Part 07 & IS 5182 :Part 06	NA
7.	Particulate Matter (PM)	mg/Nm ³	1.2	IS 11255:Part 01	2.0
8.	Port hole Height from G Level	m	5.0	---	NA
9.	Slack Diameter at port hole	m	0.35	---	NA
10.	Slack Height from G Level	m	26.0	---	NA
11.	Stack Temperature	°C	37	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 : *[Signature]*

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

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TC 6226



TEST REPORT

Accredited by NABL (Chemical & Biological)
Recognized by BIS as per IS : 14543 : 2016

Report No :	ECI-SM-2021/06/008	Report Date :	08.06.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Dt: 04/06/2021	Sample Reference No :	ECI-SM-2021/06/008
Sample Drawn By :	ECI	Sample Received On :	05.06.2021
Sample Collected Date :	04.06.2021	Test Commenced On :	05.06.2021
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	08.06.2021
Sample Description :	Stack	Sampling Method :	IS :11255:P1
Sample Mark:	Cement Fly Storage		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max.Permissible TNPCE 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	2847	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	8.5	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	< 1.0	IS 11255:Part 07 & IS 5182 :Part 06	NA
7.	Particulate Matter (PM)	mg/Nm ³	29.5	IS 11255:Part 01	50
8.	Port hole Height from G Level	m	5.0	---	NA
9.	Stack Diameter at port hole	m	0.35	---	NA
10.	Stack Height from G Level	m	23.5	---	NA
11.	Stack Temperature	°C	35	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 : *[Signature]*

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

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TEST REPORT

Accredited by **NABL** (Chemical & Biological)
Recognized by BIS as per IS : 14543 : 2016

Report No :	ECI-SM-2021/06/005	Report Date :	08.06.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcol Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Dt: 04/06/2021	Sample Reference No :	ECI-SM-2021/06/005
Sample Drawn By :	ECI	Sample Received On :	05.06.2021
Sample Collected Date :	04.06.2021	Test Commenced On :	05.06.2021
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	08.06.2021
Sample Description :	Slack	Sampling Method :	IS :11255:P1
Sample Mark:	Pulverizer Dust Collector		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCE 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	3689	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	8.5	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	< 1.0	IS 11255:Part 07 & IS 5182 :Part 06	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.	Slack Diameter at port hole	m	0.40	---	NA
10.	Slack Height from G Level	m	9.0	---	NA
11.	Slack Temperature	°C	39	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 : *[Signature]*

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

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

[Signature]
Authorized Signatory

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TEST REPORT

Accredited by NABL (Chemical & Biological)
Recognized by BIS as per IS : 14543 : 2016

Report No :	ECI-SM-2021/06/006	Report Date :	08.06.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Dt: 04/06/2021	Sample Reference No :	ECI-SM-2021/06/006
Sample Drawn By :	ECI	Sample Received On :	05.06.2021
Sample Collected Date :	04.06.2021	Test Commenced On :	05.06.2021
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	08.06.2021
Sample Description :	Stack	Sampling Method :	IS :11255:P1
Sample Mark:	DG 750 KVA - Silencer (Diesel)		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCE norms for General Emission Standards
1.	Ambient Temperature	°C	32	IS 11255:Part 03	NA
2.	Carbon dioxide (as CO ₂)	% (v/v)	0.8	IS 13270	NA
3.	Carbon Monoxide (as CO)	% (v/v)	0.6	IS 13270	1.0
4.	Flow rate	Nm ³ /hr	1834	IS 11255:Part 03	NA
5.	Flue Gas velocity	m/sec	8.7	IS 11255:Part 03	NA
6.	Oxides of Nitrogen (as NO _x)	mg/Nm ³	36.2	IS 11255:Part 07 & IS 5182 :Part 06	NA
7.	Particulate Matter (PM)	mg/Nm ³	48.9	IS 11255:Part 01	50
8.	Port hole Height from G Level	m	5.0	----	NA
9.	Stack Diameter at port hole	m	0.30	----	NA
10.	Stack Height from G Level	m	15.0	----	NA
11.	Stack Temperature	°C	87	IS 11255:Part 03	NA
12.	Sulphur Dioxide (as SO ₂)	mg/Nm ³	17.5	IS 11255:Part 02	NA

<--- End of Report --->

Verified By : *[Signature]*

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)



[Signature]
Authorized Signatory

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TEST REPORT

Accredited by **NABL** (Chemical & Biological)
Recognized by BIS as per IS - 14543 : 2016

Report No :	ECI-NM-2021/06/003	Report Date :	08.06.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Dt: 04/06/2021	Sample Reference No :	ECI-NM-2021/06/003
Sample Description :	Noise	Monitoring Date :	04.06.2021
Monitored By :	ECI	Data Received On :	05.06.2021

S.No	Locations	Day Time	
		Minimum	Maximum
1.	Admin Office Area	63.4	64.7
2.	Canteen Area	67.2	68.1
3.	DG Room	71.6	72.5
4.	Main Machine Area	73.2	74.1
5.	RM Section	68.3	69.7
6.	Stack Yard Area	56.8	57.9
7.	Stripping Machine Area	68.3	69.2
8.	Toilet Area	64.8	65.9
9.	Work Shop Area	69.2	70.5
10.	Near Main Gate	65.8	67.1
Unit		dB (A)	
TNPCB Max. Permissible Limit for Day Time (Industrial Area)		75	
Reference Method		IS 9989	

<--- End of Report --->

Verified By : *[Signature]*

Remarks: In the above mentioned locations meets the requirements of TNPCB standards.

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



[Signature]
Authorized Signatory

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TEST REPORT

Accredited by **NABL** (Chemical & Biological)
Recognized by BIS as per IS : 14543 : 2016

Report No :	ECI-NM-2021/06/004	Report Date :	08.06.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipco Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Dt: 04/06/2021	Sample Reference No :	ECI-NM-2021/06/004
Sample Description :	Noise	Monitoring Date :	04.06.2021
Monitored By :	ECI	Data Received On :	05.06.2021

S.No	Locations	Night Time	
		Minimum	Maximum
1.	Admin Office Area	65.2	66.8
2.	Canteen Area	65.8	67.2
3.	DG Room	66.6	67.9
4.	Main Machine Area	62.8	63.9
5.	RM Section	66.9	69.9
6.	Slack Yard Area	57.3	58.6
7.	Stripping Machine Area	64.8	65.9
8.	Toilet Area	68.3	69.4
9.	Work Shop Area	67.2	68.5
10.	Near Main Gate	67.2	68.2
Unit		dB (A)	
TNPCB Max. Permissible Limit for Night Time (Industrial Area)		70	
Reference Method		IS 9989	

<--- End of Report --->

Verified By : *[Signature]*

Remarks : In the above mentioned locations meets the requirements of TNPCB standards

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



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Authorized Signatory

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RAMCO INDUSTRIES LIMITED

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

Arakkonam

Date: 30/06/2021

We are giving below the count report of fibre dust samples received from Gangaikondan factory for the month of June-21.

Ref.No.	Date of sampling	Location	S/P	Flow Rate (m/min)	Sampling duration (min)	Fibre Count (nos)	Fibre concentration (/cc)
1	01.06.2021	ASBESTOS STORAGE GODOWN	S	1000	240	15	0.033
2	02.06.2021	BAG OPENING DEVICE / ERM	P	1000	240	5	0.011
3	03.06.2021	SLURRY MIXER	S	1000	240	11	0.024
4	04.06.2021	SHEETING MACHINE	P	1000	240	13	0.029
5	05.06.2021	CORRUGATOR	P	1000	240	6	0.013
6	06.06.2021	MOULDING AREA	P	1000	240	12	0.026
7	07.06.2021	LABORATORY	P	1000	240	16	0.035
8	08.06.2021	LOADING AREA	S	1000	240	18	0.040
9	09.06.2021	HEAT MAIN GATE (DUT SIDE)	S	1000	240	14	0.031
10	10.06.2021	SEGREGATION	P	1000	240	10	0.022
11	11.06.2021	SALVAGE	S	1000	240	15	0.033
12	12.06.2021	PULVERIZER	P	1000	240	17	0.037

Remarks:-

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

*P- Personal

*S- Static

Un able to process


SENIOR QUALITY MANAGER



RAMCO INDUSTRIES LIMITED

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

Arakkonam

Date: 30/06/2021

We are giving below the count report of fibre dust samples received from Gangaikondan factory for the month of June'21.

Ref.No	Date of sampling	Location	Sampling status	Duration in minutes	Volume of Air in CC/Min	No of Fibres	Fibre Concentration (F/CC)
13	05.06.2021	Fiber De-Stack	*	10	10000	5.00	0.027
14	05.06.2021	Pulverizer De-Stack	*	10	10000	7.00	0.037

Remarks:-

*P-Personal

*S-Static

Un able to process

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

[Signature]
SENIOR QUALITY MANAGER



TC 6226

Accredited by NABL (Chemical & Biological)
Recognized by BIS as per IS: 14543:2015

TEST REPORT

Report No :	ECI-AAQ-2021/07/176	Report Date :	22.07.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No. 12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627362		
Customer Reference :	IWD DI: 16/07/2021	Sample Reference No :	ECI-AAQ-2021/07/176
Sample Drawn By :	ECI	Sample Received On :	17.07.2021
Sample Collected Date :	16.07.2021	Test Commenced On :	17.07.2021
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	22.07.2021
Sample Description :	Ambient Air	Sampling Method :	IS 5182:P14
Sample Mark:	Near Main Gate		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of NAAQs (Industrial, Residential)
1	Ammonia (as NH ₃)	µg/m ³	< 1.0	IS 11255:Part 06	400
2	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	5.0
3	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4	Benzo-a-Pyrene (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5	Carbon Monoxide (as CO)	mg/m ³	< 1.2	ECI-SOP-SAM-08	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	30.2	EPA 40 CFR Part 50 Appendix L	60
11	Respirable Particulate Matter (PM ₁₀)	µg/m ³	61.7	IS 5182:Part 23	100
12	Sulphur Dioxide (as SO ₂)	µg/m ³	8.5	IS 5182:Part 02	80

<--- End of Report --->

Verified By :

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

Authorized Signatory

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ISO 9001: 2008 Certified Company
ISO 14001: 2004 Certified Company
ON 548: 18001: 2007 Certified Company

Accredited by NABL (Chemical & Biological)
Recognized by BIS as per IS : 14543 : 2016

TEST REPORT

Report No :	ECI-AAQ-2021/07/177	Report Date :	22.07.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipco Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Dt: 16/07/2021	Sample Reference No :	ECI-AAQ-2021/07/177
Sample Drawn By :	ECI	Sample Received On :	17.07.2021
Sample Collected Date :	16.07.2021	Test Commenced On :	17.07.2021
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	22.07.2021
Sample Description :	Ambient Air	Sampling Method :	IS 5182:P14
Sample Mark:	Near Asbestos Godown		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of NAAQs (Industrial, Residential)
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	IS 11255:Part 06	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	ECI-SOP-SAM-08	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	19.2	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	32.2	EPA 40 CFR Part 50 Appendix L	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	65.7	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	8.3	IS 5182:Part 02	80

<--- End of Report --->

Verified By :

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

Authorized Signatory



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TC 6226

 Accredited by **NABL** (Chemical & Biological)
 Recognized by **BIS** as per IS : 14543 : 2016
TEST REPORT

Report No :	ECI-AAQ-2021/07/175	Report Date :	22.07.2021
Customer Name & Address	M/s Ramco Industries Ltd Plot No 12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO DI-16/07/2021	Sample Reference No :	ECI-AAQ-2021/07/175
Sample Drawn By :	ECI	Sample Received On :	17.07.2021
Sample Collected Date :	16.07.2021	Test Commenced On :	17.07.2021
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	22.07.2021
Sample Description :	Ambient Air	Sampling Method :	IS 5182 P14
Sample Mark:	Near Stack Yard		

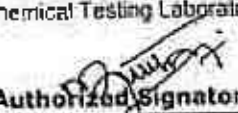
S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of NAAQs (Industrial, Residential)
1	Ammonia (as NH ₃)	µg/m ³	< 1.0	IS 11255:Part 06	400
2	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4	Benzo-a-Pyrene (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5	Carbon Monoxide (as CO)	mg/m ³	< 1.2	ECI-SOP-SAM-08	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	22.6	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	27.5	EPA 40 CFR Part 50 Appendix L	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	10.1	IS 5182:Part 02	80

<--- End of Report --->

Verified By :

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

For ENVIRO CARE INDIA PRIVATE LIMITED
 (Chemical Testing Laboratory)


 Authorized Signatory

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TC 6226

ISO 9001:2008 Certified Company
ISO 14001:2004 Certified Company
OHSAS 18001:2007 Certified Company

TEST REPORT

Accredited by NABL (Chemical & Biological)
Recognized by BIS as per IS - 14543 - 2016

Report No :	ECI-AAQ-2021/07/178	Report Date :	22.07.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sapcon Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Dt: 16/07/2021	Sample Reference No :	ECI-AAQ-2021/07/178
Sample Drawn By :	ECI	Sample Received On :	17.07.2021
Sample Collected Date :	16.07.2021	Test Commenced On :	17.07.2021
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	22.07.2021
Sample Description :	Ambient Air	Sampling Method :	IS 5182:P14
Sample Mark:	Near Guest House		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible Limits of NAAQs (Industrial, Residential)
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	IS 11255:Part 06	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	ECI-SOP-SAM-08	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	11.5	IS 5182:Part 06	80
9	Ozone (as O ₃)	µg/m ³	< 9.8	IS 5182:Part 09	180
10	Particulate Matter (PM _{2.5})	µg/m ³	17.2	EPA 40 CFR Part 50 Appendix L	50
11	Respirable Particulate Matter (PM ₁₀)	µg/m ³	36.3	IS 5182:Part 23	100
12	Sulphur Dioxide (as SO ₂)	µg/m ³	5.0	IS 5182:Part 02	80

<--- End of Report --->

Verified By :

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

Authorized Signatory

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Accredited by NABL (Chemical & Biological)
Recognized by BIS as per IS - 14543: 2016

TEST REPORT

Report No :	ECI-SM-2021/07/160	Report Date :	22.07.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No 12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Dt: 16/07/2021	Sample Reference No :	ECI-SM-2021/07/160
Sample Drawn By :	ECI	Sample Received On :	17.07.2021
Sample Collected Date :	16.07.2021	Test Commenced On :	17.07.2021
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	22.07.2021
Sample Description :	Stack	Sampling Method :	IS : 11255:PI
Sample Mark:	Fiber Mill Dust Collector - Chimney		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCE 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 G
4.	Flow rate	Nm ³ /hr	2756	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 & IS 5162 :Part 06	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	37	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 TNPCE standards with respect to the parameters tested
NA - Not Applicable

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

Authorized Signatory

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TC 8226


Enviro Care
INDIA PRIVATE LIMITED

 ISO 9001:2015 Certified Company
 ISO 14001:2015 Certified Company
 ISO 45001:2018 Certified Company

TEST REPORT

 Accredited by NABL (Chemical & Biological)
 Recognized by BIS as per IS : 14543 : 2016

Report No :	ECI-SM-2021/07/181	Report Date :	22.07.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No.12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWD Ch. 16/07/2021	Sample Reference No :	ECI-SM-2021/07/181
Sample Drawn By :	ECI	Sample Received On :	17.07.2021
Sample Collected Date :	15.07.2021	Test Commenced On :	17.07.2021
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	22.07.2021
Sample Description :	Slack	Sampling Method :	IS : 11255:P1
Sample Mark:	Cement Fly Storage		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCE 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	2512	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 & IS 5182:Part 06	NA
7.	Particulate Matter (PM)	mg/Nm ³	26.3	IS 11255:Part 01	50
8.	Port hole Height from G Level	m	5.0		NA
9.	Stack Diameter at port hole	m	0.35		NA
10.	Stack Height from G Level	m	23.5		NA
11.	Stack Temperature	°C	34	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 slack meets the requirements of TNPCE standards with respect to 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)
Recognized by BIS as per IS: 14543: 2016

Report No :	ECI-SM-2021/07/178	Report Date :	22.07.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No. 12A, Sipcol Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	NVO Dt: 16/07/2021	Sample Reference No :	ECI-SM-2021/07/178
Sample Drawn By :	ECI	Sample Received On :	17.07.2021
Sample Collected Date :	16.07.2021	Test Commenced On :	17.07.2021
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	22.07.2021
Sample Description :	Stack	Sampling Method :	IS: 11255:Part 1
Sample Mark:	Pulverizer Dust Collector		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCL norms for General Emission Standards
1	Ambient Temperature	°C	32	IS 11255:Part 03	NA
2	Carbon dioxide (as CO ₂)	% (v/v)	< 0.2	IS 13270	NA
3	Carbon Monoxide (as CO)	% (v/v)	< 0.2	IS 13270	1.0
4	Flow rate	Nm ³ /hr	3547	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 & IS 5182 :Part 06	NA
7	Particulate Matter (PM)	mg/Nm ³	1.3	IS 11255:Part 01	2.0
8	Port hole Height from G Level	m	6.0	---	NA
9	Stack Diameter at port hole	m	0.40	---	NA
10	Stack Height from G Level	m	9.0	---	NA
11	Stack Temperature	°C	37	IS 11255:Part 03	NA
12	Sulphur Dioxide (as SO ₂)	mg/Nm ³	< 1.0	IS 11255:Part 02	NA

<--- End of Report --->

Verified By :

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

Authorized Signatory

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TC 6226

**Enviro Care**
INDIA PRIVATE LIMITEDISO 9001:2015 Certified Company
ISO 14001:2015 Certified Company
OHSAS 18001:2007 Certified Company**TEST REPORT**

Accredited by NABL (Chemical & Biological)

Recognized by BIS as per IS: 14543:2016

Report No :	ECI-SM-2021/07/179	Report Date :	22.07.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcol Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Dt: 16/07/2021	Sample Reference No :	ECI-SM-2021/07/179
Sample Drawn By :	ECI	Sample Received On :	17.07.2021
Sample Collected Date :	16.07.2021	Test Commenced On :	17.07.2021
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	22.07.2021
Sample Description :	Slack	Sampling Method :	IS :11255:P1
Sample Mark:	DG 750 KVA - 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)	0.6	IS 13270	NA
3	Carbon Monoxide (as CO)	% (v/v)	0.6	IS 13270	1.0
4	Flow rate	Nm ³ /hr	1798	IS 11255:Part 03	NA
5	Flue Gas velocity	m/sec	0.4	IS 11255:Part 03	NA
6	Oxides of Nitrogen (as NO _x)	mg/Nm ³	38.8	IS 11255:Part 07 & IS 5182 :Part 06	NA
7	Particulate Matter (PM)	mg/Nm ³	47.2	IS 11255:Part 01	50
8	Port hole Height from G Level	m	5.0	---	NA
9	Stack Diameter at port hole	m	0.30	---	NA
10	Stack Height from G Level	m	15.0	---	NA
11	Stack Temperature	°C	87	IS 11255:Part 03	NA
12	Sulphur Dioxide (as SO ₂)	mg/Nm ³	18.2	IS 11255:Part 02	NA

<--- End of Report --->

Verified By :

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

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



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TEST REPORT

Report No :	ECI-NM-2021/07/077	Report Date :	22.07.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No 12A, Sipcol Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Dt: 16/07/2021	Sample Reference No :	ECI-NM-2021/07/077
Sample Description :	Noise	Monitoring Date :	16.07.2021
Monitored By :	ECI	Data Received On :	17.07.2021

S.No	Locations	Day Time	
		Minimum	Maximum
1.	Admin Office Area	63.4	64.7
2.	Canteen Area	67.2	68.1
3.	DG Room	71.6	72.5
4.	Main Machine Area	73.2	74.1
5.	RM Section	68.3	69.7
6.	Stack Yard Area	56.8	57.9
7.	Stripping Machine Area	68.3	69.2
8.	Toilet Area	64.8	65.9
9.	Work Shop Area	69.2	70.5
10.	Near Main Gate	65.8	67.1
Unit		dB (A)	
TNPCB Max. Permissible Limit for Day Time (Industrial Area)		75	
Reference Method		IS 9889	

<--- End of Report --->

Verified By :

Remarks: In the above mentioned locations meets the requirements of TNPCB standards.

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

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TEST REPORT

Report No :	ECI-NM-2021/07/078	Report Date :	22.07.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWD Dt: 16/07/2021	Sample Reference No :	ECI-NM-2021/07/078
Sample Description :	Noise	Monitoring Date :	16.07.2021
Monitored By :	ECI	Data Received On :	17.07.2021

S.No	Locations	Night Time	
		Minimum	Maximum
1.	Admin Office Area	65.2	66.8
2.	Canteen Area	65.8	67.2
3.	DG Room	66.8	67.9
4.	Main Machine Area	62.8	63.9
5.	RM Section	68.9	69.9
6.	Stack Yard Area	57.3	58.6
7.	Stripping Machine Area	64.8	65.9
8.	Toilet Area	68.3	69.4
9.	Work Shop Area	67.2	68.5
10.	Near Main Gate	67.2	68.2
Unit		dB (A)	
TNPCB Max. Permissible Limit for Night Time (Industrial Area)		70	
Reference Method		IS 9989	

<--- End of Report --->

Verified By :

Remarks : In the above mentioned locations meets the requirements of TNPCB standards

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)



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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.

Arakkondam

Date: 05/08/2021

We are giving below the count report of fibre dust samples received from Gangaikondan factory for the month of July '21.

Ref.No.	Date of sampling	Location	S/P	Flow Rate (ml/min)	Sampling duration (min)	Fibre Count (nos)	Fibre concentration (ff/cc)
1	02.07.2021	ASBESTOS STORAGE GODOWN	S	1000	240	11	0.024
2	03.07.2021	BAG OPENING DEVICE / ERM	P	1000	240	10	0.022
3	04.07.2021	SILURRY MIXER	S	1000	240	11	0.024
4	05.07.2021	SHEETING MACHINE	P	1000	240	19	0.042
5	06.07.2021	CORRUGATOR	P	1000	240	5	0.011
6	07.07.2021	MOULDING AREA	P	1000	240	22	0.048
7	08.07.2021	LABORATORY	P	1000	240	9	0.020
8	08.07.2021	LOADING AREA	S	1000	240	8	0.018
9	09.07.2021	NEAT MAIN GATE(OUT SIDE)	S	1000	240	11	0.024
10	10.07.2021	SEGREGATION	P	1000	240	7	0.015
11	12.07.2021	SALVAGE	S	1000	240	5	0.011
12	14.07.2021	PULVERIZER	P	1000	240	7	0.015

Remarks:-

*P- Personal

*S- Static

Un able to process

Fh

SENIOR QUALITY MANAGER

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



RAMCO INDUSTRIES LIMITED

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

Arakkonam

Date: 05/08/2021

We are giving below the count report of fibre dust samples received from Gangaikondan factory for the month of July'21.

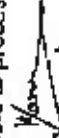
Ref.No	Date of sampling	Location	Sampling status	Duration in minutes	Volume of Air in CC/Min	No of Fibres	Fibre Concentration (F/CC)
13	16.07.2021	Fiber De-Slack	*	10	10000	5	0.027
14	16.07.2021	Pulverizer De-Slack	*	10	10000	6	0.032

Remarks:-

*P- Personal

*S- Static

Un able to process

For 

SENIOR QUALITY MANAGER

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

TEST REPORT

Accredited by NABL (Chemical & Biological)
Recognized by BIS as per IS: 14543: 2016

Report No :	ECI-AAQ-2021/08/052	Report Date :	13 08 2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No 12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Dt: 16/07/2021	Sample Reference No :	ECI-AAQ-2021/08/052
Sample Drawn By :	ECI	Sample Received On :	10 08 2021
Sample Collected Date :	09 08 2021	Test Commenced On :	10 08 2021
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	13 08 2021
Sample Description :	Ambient Air	Sampling Method :	IS 5182 P14
Sample Mark:	Near Main Gate		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of NAAQs (Industrial Residential)
1	Ammonia (as NH ₃)	µg/m ³	< 1.0	IS 11255:Part 06	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	ECI-SOP-SAM-08	2.0
6	Lead (as Pb)	µg/m ³	< 0.1	IS 5182:Part 22	1.0
7	Nickel (as Ni)	ng/m ³	< 0.1	IS 5182:Part 22	20
8	Nitrogen dioxide (as NO ₂)	µg/m ³	23.5	IS 5182 Part 06	80
9	Ozone (as O ₃)	µg/m ³	< 9.8	IS 5182:Part 09	180
10	Particulate Matter (PM _{2.5})	µg/m ³	35.2	EPA 40 CFR Part 50 Appendix L	50
11	Respirable Particulate Matter (PM ₁₀)	µg/m ³	72.4	IS 5182 Part 23	100
12	Sulphur Dioxide (as SO ₂)	µg/m ³	9.0	IS 5182 Part 02	80

<--- End of Report --->

Verified By : 

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

Authorized Signatory



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TEST REPORT

Accredited by NABL (Chemical & Biological)
Recognized by BIS as per IS : 14543 : 2016

Report No :	ECI-AAQ-2021/08/053	Report Date :	13.08.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No 12A, Sipcol Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO DI 16/07/2021	Sample Reference No :	ECI-AAQ-2021/08/053
Sample Drawn By :	ECI	Sample Received On :	10.08.2021
Sample Collected Date :	09.08.2021	Test Commenced On :	10.08.2021
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	13.08.2021
Sample Description :	Ambient Air	Sampling Method :	IS 5182/P14
Sample Mark:	Near Asbestos Godown		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of NAAQS (Industrial, Residential)
1	Ammonia (as NH ₃)	µg/m ³	< 1.0	IS 11255:Part 06	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	Benz[a]-Pyrene (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5	Carbon Monoxide (as CO)	mg/m ³	< 1.2	ECI-SOP-SAM-08	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	17.4	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	30.2	EPA 40 CFR Part 50 Appendix L	60
11	Respirable Particulate Matter (PM ₁₀)	µg/m ³	61.7	IS 5182:Part 23	100
12	Sulphur Dioxide (as SO ₂)	µg/m ³	7.8	IS 5182:Part 02	80

<--- End of Report --->

Verified By : *[Signature]*

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)



[Signature]
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TEST REPORT

Accredited by NABL (Chemical & Biological)
Recognized by BIS as per IS : 14543 : 2016

Report No :	ECI-AAQ-2021/00051	Report Date :	13 08 2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No 12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO DL 16/07/2021	Sample Reference No :	ECI-AAQ-2021/00051
Sample Drawn By :	ECI	Sample Received On :	10 08 2021
Sample Collected Date :	09 08 2021	Test Commenced On :	10 08 2021
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	13 08 2021
Sample Description :	Ambient Air	Sampling Method :	IS 5182:P14
Sample Mark:	Near Slack Yard		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of NAAQs (Industrial, Residential)
1	Ammonia (as NH ₃)	µg/m ³	< 1.0	IS 11255:Part 06	400
2	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	60
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	ECI-SOP-SAM-08	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	26.5	EPA 40 CFR Part 50 Appendix I	60
11	Respirable Particulate Matter (PM ₁₀)	µg/m ³	59.3	IS 5182:Part 23	160
12	Sulphur Dioxide (as SO ₂)	µg/m ³	9.9	IS 5182:Part 02	80

<--- End of Report --->

Verified By : *[Signature]*

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)



Authorized Signatory *[Signature]*

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TEST REPORT

Accredited by NABL (Chemical & Biological)
Recognized by BIS as per IS : 14543 : 2016

Report No :	ECI-AAQ-2021/08/054	Report Date :	13.08.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No. 12A, Sipcol Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Dt: 16/07/2021	Sample Reference No :	ECI-AAQ-2021/08/054
Sample Drawn By :	ECI	Sample Received On :	10.08.2021
Sample Collected Date :	09.08.2021	Test Commenced On :	10.08.2021
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	13.08.2021
Sample Description :	Ambient Air	Sampling Method :	IS 5182 P14
Sample Mark:	Near Guest House		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of NAAQs (Industrial, Residential)
1	Ammonia (as NH ₃)	µg/m ³	< 1.0	IS 11255:Part 06	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	ECI-SOP-SAM-08	2.0
6	Lead (as Pb)	µg/m ³	< 0.1	IS 5182:Part 22	1.0
7	Nickel (as Ni)	ng/m ³	< 0.1	IS 5182:Part 22	20
8	Nitrogen dioxide (as NO ₂)	µg/m ³	10.5	IS 5182:Part 06	80
9	Ozone (as O ₃)	µg/m ³	< 9.6	IS 5182:Part 09	180
10	Particulate Matter (PM _{2.5})	µg/m ³	18.5	EPA 40 CFR Part 50 Appendix L	60
11	Respirable Particulate Matter (PM ₁₀)	µg/m ³	38.4	IS 5182:Part 23	100
12	Sulphur Dioxide (as SO ₂)	µg/m ³	4.2	IS 5182:Part 02	80

--- End of Report ---

Verified By : *[Signature]*

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)



[Signature]
Authorized Signatory

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TEST REPORT

Accredited by NABL (Chemical & Biological)
Recognized by BIS as per IS : 14543 : 2010

Report No :	ECI-SM-2021/08/077	Report Date :	13 08 2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Dt. 09/08/2021	Sample Reference No :	ECI-SM-2021/08/077
Sample Drawn By :	ECI	Sample Received On :	10 08 2021
Sample Collected Date :	09 08 2021	Test Commenced On :	10 08 2021
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	13 08 2021
Sample Description :	Slack	Sampling Method :	IS : 11255:P1
Sample Mark:	Fiber Mill Dust Collector - Chimney		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCE 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	2814	IS 11255:Part 03	NA
5	Flue Gas velocity	m/sec	8.5	IS 11255:Part 03	NA
6	Oxides of Nitrogen (as NO _x)	mg/Nm ³	< 1.0	IS 11255:Part 07 & IS 5182 :Part 05	NA
7	Particulate Matter (PM)	mg/Nm ³	1.6	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	39	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 : *[Signature]*

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

[Signature]
Authorized Signatory

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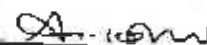
TEST REPORT

Accredited by NABL (Chemical & Biological)
Recognized by BIS as per IS : 14543 : 2016

Report No :	ECI-SM-2021/08/078	Report Date :	13 08 2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No 12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO DL 09/08/2021	Sample Reference No :	ECI-SM-2021/08/078
Sample Drawn By :	ECI	Sample Received On :	10 08 2021
Sample Collected Date :	09.08.2021	Test Commenced On :	10 08 2021
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	13 08 2021
Sample Description :	Slack	Sampling Method :	IS -11255 P1
Sample Mark:	Cement Fly Storage		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max.Permmissible TNPCE 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	2415	IS 11255:Part 03	NA
5	Flue Gas velocity	m/sec	8.0	IS 11255:Part 03	NA
6	Oxides of Nitrogen (as NO _x)	mg/Nm ³	< 1.0	IS 11255:Part 07 & IS 5182 :Part 06	NA
7	Particulate Matter (PM)	mg/Nm ³	25.1	IS 11255:Part 01	50
8	Port hole Height from G Level	m	5.0	---	NA
9	Stack Diameter at port hole	m	0.35	---	NA
10	Stack Height from G Level	m	23.5	---	NA
11	Stack Temperature	°C	34	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 slack meets the requirements of TNPCE 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)
Recognized by BIS as per IS: 14543:2016

Report No :	ECI-SM-2021/08/075	Report Date :	13.08.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No. 12A Sipco Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO DL 09/08/2021	Sample Reference No :	ECI-SM-2021/08/075
Sample Drawn By :	ECI	Sample Received On :	10.08.2021
Sample Collected Date :	09.08.2021	Test Commenced On :	10.08.2021
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	13.08.2021
Sample Description :	Stack	Sampling Method :	IS 11255:P1
Sample Mark:	Pulverizer Dust Collector		

S No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max Permissible TNPCE 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	3652	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 & IS 5182 :Part 05	NA
7	Particulate Matter (PM)	mg/Nm ³	1.5	IS 11255:Part 01	2.0
8	Port hole Height from G Level	m	6.0	---	NA
9	Stack Diameter at port hole	m	0.40	---	NA
10	Stack Height from G Level	m	9.0	---	NA
11	Stack Temperature	°C	35	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 : *[Signature]*

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)



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Authorized Signatory

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TEST REPORT

Accredited by NABL (Chemical & Biological)
Recognized by BIS as per IS: 14543: 2016

Report No :	ECI-SM-2021/08/076	Report Date :	13.08.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No 12A Sipcol Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Dt: 09/08/2021	Sample Reference No :	ECI-SM-2021/08/076
Sample Drawn By :	ECI	Sample Received On :	10.08.2021
Sample Collected Date :	09.08.2021	Test Commenced On :	10.08.2021
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	13.08.2021
Sample Description :	Stack	Sampling Method :	IS :11255:P1
Sample Mark:	DG 750 KVA - Silencer (Diesel)		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCE norms for General Emission Standards
1	Ambient Temperature	°C	32	IS 11255:Part 03	NA
2	Carbon dioxide (as CO ₂)	% (v/v)	0.6	IS 13270	NA
3	Carbon Monoxide (as CO)	% (v/v)	0.6	IS 13270	1.0
4	Flow rate	Nm ³ /hr	1825	IS 11255:Part 03	NA
5	Flue Gas velocity	m/sec	8.0	IS 11255:Part 03	NA
6	Oxides of Nitrogen (as NO _x)	mg/Nm ³	49.5	IS 11255:Part 07 & IS 5182, Part 06	NA
7	Particulate Matter (PM)	mg/Nm ³	48.2	IS 11255:Part 01	50
8	Port hole Height from G Level	m	5.0	---	NA
9	Stack Diameter at port hole	m	0.30	---	NA
10	Stack Height from G Level	m	15.0	---	NA
11	Stack Temperature	°C	90	IS 11255:Part 03	NA
12	Sulphur Dioxide (as SO ₂)	mg/Nm ³	23.6	IS 11255:Part 02	NA

--- End of Report ---

Verified By : *[Signature]*

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

[Signature]
Authorized Signatory



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- Note:**
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 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.
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 6. Any dispute arising out of this report is subjected to Madurai Jurisdiction Only.



TEST REPORT

Accredited by **HABL** (Chemical & Biological)
 Recognized by BIS as per IS : 14543 : 2015

Report No :	ECI-NM-2021/08/025	Report Date :	13 08 2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No.12A, Sipco Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Dt: 09 08 2021	Sample Reference No :	ECI-NM-2021/08/025
Sample Description :	Noise	Monitoring Date :	09 08 2021
Monitored By :	ECI	Data Received On :	10 08 2021

S.No	Locations	Day Time	
		Minimum	Maximum
1.	Admin Office Area	63.4	64.7
2.	Canteen Area	67.2	68.1
3.	DG Room	71.6	72.5
4.	Main Machine Area	73.2	74.1
5.	RM Section	68.3	69.7
6.	Stack Yard Area	56.8	57.9
7.	Stripping Machine Area	68.3	69.2
8.	Toilet Area	64.8	65.9
9.	Work Shop Area	69.2	70.5
10.	Near Main Gate	65.8	67.1
Unit		dB (A)	
TNPCB Max. Permissible Limit for Day Time (Industrial Area)		75	
Reference Method		IS 9889	

<--- End of Report --->

Verified By : *[Signature]*

Remarks: In the above mentioned locations meets the requirements of TNPCB standards.

For ENVIRO CARE INDIA PRIVATE LIMITED
 (Chemical Testing Laboratory)

[Signature]
 Authorized Signatory



CHENNAI Tel : +91 (44) 42857084
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TEST REPORT

Accredited by **NABL** (Chemical & Biological)
Recognized by BIS as per IS : 14543 : 2015

Report No :	ECI-MM-2021/08/026	Report Date :	13.08.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No. 12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Dt. 08.08.2021	Sample Reference No :	ECI-MM-2021/08/026
Sample Description :	Noise	Monitoring Date :	09.08.2021
Monitored By :	ECI	Data Received On :	10.08.2021

S.No	Locations	Night Time	
		Minimum	Maximum
1	Admin Office Area	65.2	66.8
2	Canteen Area	65.8	67.2
3	DG Room	65.8	67.9
4	Main Machine Area	62.8	63.9
5	RM Section	68.9	69.9
6	Slack Yard Area	57.3	58.6
7	Stripping Machine Area	64.8	65.9
8	Toilet Area	66.3	69.4
9	Work Shop Area	67.2	68.5
10	Near Main Gate	67.2	68.2

Unit	dB (A)
TNPSB Max. Permissible Limit for Night Time (Industrial Area)	70
Reference Method	IS 9989

<--- End of Report --->

Verified By : 

Remarks : In the above mentioned locations meets the requirements of TNPSB standards

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: 16/09/2021

We are giving below the count report of fibre dust samples received from Gangaikondan factory for the month of Aug 2021.

Ref.No.	Date of sampling	Location	S/P	Flow Rate (ml/min)	Sampling duration (min)	Fibre Count (nos)	Fibre concentration (f/cc)
1	02.08.2021	ASBESTOS STORAGE GODOWN	S	1000	240	10	0.022
2	03.08.2021	BAG OPENING DEVICE / RM	P	1000	240	9	0.020
3	04.08.2021	SLURRY MIXER	S	1000	240	8	0.018
4	05.08.2021	SHEETING MACHINE	P	1000	240	9	0.020
5	05.08.2021	CORRUGATOR	P	1000	240	8	0.018
6	07.08.2021	MOULDING AREA	P	1000	240	7	0.015
7	08.08.2021	LABORATORY	P	1000	240	9	0.020
8	09.08.2021	LOADING AREA	S	1000	240	8	0.018
9	10.08.2021	NEAT MAIN GATE (OUT SIDE)	S	1000	240	10	0.022
10	11.08.2021	SEGREGATION	P	1000	240	9	0.020
11	11.08.2021	SALVAGE	S	1000	240	8	0.018
12	12.08.2021	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

16/09/21

SENIOR MANAGER QUALITY



RAMCO INDUSTRIES LIMITED

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

Araakkonam

Date: 19/08/2021

We are giving below the count report of Fibre dust samples received from Gangaikondan factory for the month of Aug 2021.

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	09.08.2021	Fiber De-Slack	*	10	10000	9	0.047
14	09/08.2021	Pulverizer De-Slack	*	10	10000	10	0.053

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

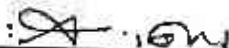
TEST REPORT

Accredited by NABL (Chemical & Biological)
 Recognized by BIS as per IS-14003-2010

Report No :	ECI-AAQ-2021/09/089	Report Date :	17/09/2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangalkondan Tirunelveli Dist-627352		
Customer Reference :	IWO Dt: 16/07/2021	Sample Reference No :	ECI-AAQ-2021/09/089
Sample Drawn By :	ECI	Sample Received On :	14/09/2021
Sample Collected Date :	13/09/2021	Test Commenced On :	14/09/2021
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	17/09/2021
Sample Description :	Ambient Air	Sampling Method :	IS 5182:P14
Sample Mark:	Near Main Gate		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of NAAQS (Industrial, Residential)
1	Ammonia (as NH ₃)	µg/m ³	< 1.0	IS 11255:Part 06	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	ECI-SOP-SAM-08	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	37.1	EPA 40 CFR Part 50 Appendix L	60
11	Respirable Particulate Matter (PM ₁₀)	µg/m ³	75.2	IS 5182:Part 23	100
12	Sulphur Dioxide (as SO ₂)	µg/m ³	9.5	IS 5182 Part 02	80

--- End of Report --->

Verified By: 

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

For ENVIRO CARE INDIA PRIVATE LIMITED
 (Chemical Testing Laboratory)


 Authorized Signatory



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

2. Any correction not detected shall invalidate the report.

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

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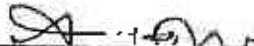
TEST REPORT

Accredited by NABL (Chemical & Biological)
Recognized by BIS as per IS : 14543 : 2014

Report No :	ECI-AAQ-2021/09/090	Report Date :	17.09.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No 12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Dt: 16/07/2021	Sample Reference No :	ECI-AAQ-2021/09/090
Sample Drawn By :	ECI	Sample Received On :	14.09.2021
Sample Collected Date :	13.09.2021	Test Commenced On :	14.09.2021
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	17.09.2021
Sample Description :	Ambient Air	Sampling Method :	IS 5182:P14
Sample Mark:	Near Asbestos Godown		

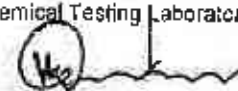
S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of NAAQs (Industrial, Residential)
1	Ammonia (as NH ₃)	µg/m ³	< 1.0	IS 11255:Part 06	400
2	Arsenic (as As)	ng/m ³	< 0.1	IS 5182:Part 22	6.0
3	Benzene (C ₆ H ₆)	µg/m ³	< 1.0	IS 5182:Part 11	5.0
4	Benzo-a-Pyrine (BaP)	ng/m ³	< 1.0	IS 5182:Part 12	1.0
5	Carbon Monoxide (as CO)	mg/m ³	< 1.2	ECI-SOP-SAM-08	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	16.8	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	28.6	EPA 40 CFR Part 50 Appendix L	60
11	Respirable Particulate Matter (PM ₁₀)	µg/m ³	59.1	IS 5182:Part 23	100
12	Sulphur Dioxide (as SO ₂)	µg/m ³	7.2	IS 5182:Part 02	80

<--- End of Report --->

Verified By : 

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)


Authorized Signatory



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

2. Any correction or modification 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.

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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)
Recognized by BIS as per IS 1541:2010

Report No :	ECI-AAQ-2021/09/088	Report Date :	17.09.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No.12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWC DL 16/07/2021	Sample Reference No :	ECI-AAQ-2021/09/088
Sample Drawn By :	ECI	Sample Received On :	14.09.2021
Sample Collected Date :	13.09.2021	Test Commenced On :	14.09.2021
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	17.09.2021
Sample Description :	Ambient Air	Sampling Method :	IS 5182 P14
Sample Mark:	Near Stack Yard		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of NAAQs (Industrial, Residential)
1	Ammonia (as NH ₃)	µg/m ³	< 1.0	IS 11255:Part 06	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	ECI-SOP-SAM-06	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	22.6	IS 5182:Part 06	80
9	Ozone (as O ₃)	µg/m ³	< 9.6	IS 5182:Part 09	180
10	Particulate Matter (PM _{2.5})	µg/m ³	29.6	EPA 40 CFR Part 50 Appendix L	60
11	Respirable Particulate Matter (PM ₁₀)	µg/m ³	61.4	IS 5182:Part 23	100
12	Sulphur Dioxide (as SO ₂)	µg/m ³	10.1	IS 5182:Part 02	80

< --- End of Report --- >

Verified By : 

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)


Authorized Signatory



Note :

- The results valid only for the samples tested.
- Any correction or alteration made invalidates this report.
- Report shall not be reproduced anywhere except in full and in the same format without the permission of the laboratory.
- These information by the client is to be used for more than 15 days from date of issue of the report.
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- Any dispute arising out of the report is subject to Madurai jurisdiction only.



TEST REPORT

Accredited by NABL (Chemical & Biological)

Recognized by BIS as per IS : 14543 : 2015

Report No :	ECI-AAQ-2021/09/091	Report Date :	17 09 2021
Customer Name & Address	M/s, Ramco Industries Ltd Plot No.12A, Sipcol Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Dt: 16/07/2021	Sample Reference No :	ECI-AAQ-2021/09/091
Sample Drawn By :	ECI	Sample Received On :	14 09 2021
Sample Collected Date :	13 09 2021	Test Commenced On :	14 09 2021
Qty of Sample Received :	Filter Paper & 25ml Solution	Test Completed On :	17 09 2021
Sample Description :	Ambiant Air	Sampling Method :	IS 5182 P 14
Sample Mark:	Near Guest House		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Permissible limits of NAAQs (Industrial, Residential)
1.	Ammonia (as NH ₃)	µg/m ³	< 1.0	IS 11255:Part 06	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	ECI-SOP-SAM-08	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	9.6	IS 5182:Part 06	80
9.	Ozone (as O ₃)	µg/m ³	< 9.8	IS 5182:Part 09	190
10.	Particulate Matter (PM _{2.5})	µg/m ³	19.2	EPA 40 CFR Part 50 Appendix L	60
11.	Respirable Particulate Matter (PM ₁₀)	µg/m ³	41.6	IS 5182:Part 23	100
12.	Sulphur Dioxide (as SO ₂)	µg/m ³	3.1	IS 5182:Part 02	80

<--- End of Report --->

Verified By : 

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

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)


Authorized Signatory



Note: The result is valid only for the item tested.

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2. Report shall not be reproduced in whole or in part without the permission of the laboratory.

3. This report is valid only for the test items and shall not be valid for more than 15 days from the date of issuance of the report.

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

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



TEST REPORT

Report No :	ECI-SM-2021/09/142	Report Date :	17.09.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No.12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO DI: 09/08/2021	Sample Reference No :	ECI-SM-2021/09/142
Sample Drawn By :	ECI	Sample Received On :	14.09.2021
Sample Collected Date :	13.09.2021	Test Commenced On :	14.09.2021
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	17.09.2021
Sample Description :	Stack	Sampling Method :	IS:11255:P1
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	2743	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 & IS 5162 :Part 06	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	36	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



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



TEST REPORT

Accredited by NABL (Chemical & Biological)
Recognized by BIS as per IS : 14543 : 2010

Report No :	ECI-SM-2021/09/143	Report Date :	17.09.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO Dt: 09/08/2021	Sample Reference No :	ECI-SM-2021/09/143
Sample Drawn By :	ECI	Sample Received On :	14.09.2021
Sample Collected Date :	13.09.2021	Test Commenced On :	14.09.2021
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	17.09.2021
Sample Description :	Stack	Sampling Method :	IS :11255:P1
Sample Mark:	Cement Fly Storage		

S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max.Permisable 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	2704	IS 11255:Part 03	NA
5	Flue Gas velocity	m/sec	8.0	IS 11255:Part 03	NA
6	Oxides of Nitrogen (as NO _x)	mg/Nm ³	< 1.0	IS 11255:Part 07 & IS 5182 :Part 06	NA
7	Particulate Matter (PM)	mg/Nm ³	22.1	IS 11255:Part 01	50
8	Port hole Height from G Level	m	5.0	---	NA
9	Stack Diameter at port hole	m	0.35	---	NA
10	Stack Height from G Level	m	23.5	---	NA
11	Stack Temperature	°C	34	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



Note : This report is valid only for the parameters tested.

2. Any person not mentioned above in this report

3. This 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, this report will not be retained for more than 15 days from date of issuance of report.

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

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



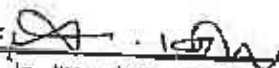
TEST REPORT

Accredited by NABL (Chemical & Biological)
Recognized by BIS as per IS : 14543 : 2016

Report No :	ECI-SM-2021/09/140	Report Date :	17.09.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangakondan Tirunelveli Dist-627352		
Customer Reference :	IWO DL 09/08/2021	Sample Reference No :	ECI-SM-2021/09/140
Sample Drawn By :	ECI	Sample Received On :	14.09.2021
Sample Collected Date :	13.09.2021	Test Commenced On :	14.09.2021
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	17.09.2021
Sample Description :	Stack	Sampling Method :	IS :11255:P1
Sample Mark:	Pulverizer Dust Collector		

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	3664	IS 11255:Part 03	NA
5	Flue Gas velocity	m/sec	8.5	IS 11255:Part 03	NA
6	Oxides of Nitrogen (as NO _x)	mg/Nm ³	< 1.0	IS 11255:Part 07 & IS 5162 :Part 06	NA
7	Particulate Matter (PM)	mg/Nm ³	1.3	IS 11255:Part 01	2.0
8	Port hole Height from G Level	m	6.0	---	NA
9	Stack Diameter at port hole	m	0.40	---	NA
10	Stack Height from G Level	m	9.0	---	NA
11	Stack Temperature	°C	38	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



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

2. Any correction not reported shall invalidate this report.

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

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

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

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



TEST REPORT

Accredited by NABL (Chemical & Biological)
 Recognized by BIS as per IS - 14543 : 2016

Report No :	ECI-SM-2021/09/141	Report Date :	17.09.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No: 12A, Sipcot Industrial Growth Centre Gangakondan Tirunelveli Dist-627352		
Customer Reference :	IWC DI: 09/08/2021	Sample Reference No :	ECI-SM-2021/09/141
Sample Drawn By :	ECI	Sample Received On :	14.09.2021
Sample Collected Date :	13.09.2021	Test Commenced On :	14.09.2021
Qty of Sample Received :	Thimble & 50 ml Soln	Test Completed On :	17.09.2021
Sample Description :	Stack	Sampling Method :	IS : 11255:P1
Sample Mark:	DG 750 KVA - Silencer (Diesel)		

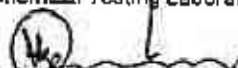
S.No	PARAMETERS	UNITS	RESULTS	TEST METHOD	Max. Permissible TNPCE norms for General Emission Standards
1	Ambient Temperature	°C	32	IS 11255:Part 03	NA
2	Carbon dioxide (as CO ₂)	% (v/v)	0.6	IS 13270	NA
3	Carbon Monoxide (as CO)	% (v/v)	0.6	IS 13270	1.0
4	Flow rate	Nm ³ /hr	1804	IS 11255:Part 03	NA
5	Flue Gas velocity	m/sec	8.9	IS 11255:Part-03	NA
6	Oxides of Nitrogen (as NO _x)	mg/Nm ³	48.5	IS 11255:Part 07 & IS 5182 :Part 06	NA
7	Particulate Matter (PM)	mg/Nm ³	46.2	IS 11255:Part 01	50
8	Port hole Height from G Level	m	5.0	---	NA
9	Stack Diameter at port hole	m	0.30	---	NA
10	Stack Height from G Level	m	15.0	---	NA
11	Stack Temperature	°C	99	IS 11255:Part 03	NA
12	Sulphur Dioxide (as SO ₂)	mg/Nm ³	22.6	IS 11255:Part 02	NA

<--- End of Report --->

Verified By : 

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

For ENVIRO CARE INDIA PRIVATE LIMITED
 (Chemical Testing Laboratory)


 Authorized Signatory



Note : The results relate only to the item tested.

2. Any correction or addition shall invalidate the report.

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

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

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

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



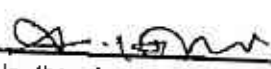
TEST REPORT

Accredited by NABL (Chemical & Biological)
Recognized by BIS as per IS: 14543:2015

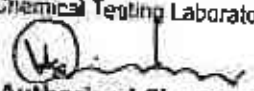
Report No :	ECI-NM-2021/09/053	Report Date :	17.09.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcoo Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Customer Reference :	IWO DI: 09.08.2021	Sample Reference No :	ECI-NM-2021/09/053
Sample Description :	Noise	Monitoring Date :	13.09.2021
Monitored By :	ECI	Data Received On :	14.09.2021

S.No	Locations	Day Time	
		Minimum	Maximum
1.	Admin Office Area		
2.	Canteen Area	85.5	67.1
3.	DG Room	59.3	71.4
4.	Main Machine Area	70.5	72.8
5.	RM Section	71.2	73.6
6.	Stack Yard Area	67.7	89.2
7.	Stripping Machine Area	58.1	80.1
8.	Toilet Area	66.6	68.2
9.	Work Shop Area	65.5	68.0
10.	Near Main Gate	70.1	72.5
Unit		66.2	68.3
TNPCB Max. Permissible Limit for Day Time (Industrial Area)		dB (A)	
Reference Method		75	
		IS 9989	

<--- End of Report --->

Verified By : 

Remarks: In the above mentioned locations meets the requirements of TNPCB standards.

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)

Authorized Signatory



Note:

- The results are only valid for the test conducted.
- Any correction or alteration shall be made in the test report.
- Report shall not be reproduced anywhere except in full and in the same format without the permission of the laboratory.
- Unless informed by customer, the test items will not be retained for more than 15 days from date of issue of test report.
- Liability of our laboratory is limited to the service rendered.
- Any dispute arising out of the report is subject to Madurai Jurisdiction Only.



TEST REPORT

Accredited by NABL (Chemical & Biological)
Recognized by BIS as per IS: 14541:2016

Report No :	ECI-NM-2021/09/054	Report Date :	17.09.2021
Customer Name & Address	M/s. Ramco Industries Ltd Plot No:12A, Sipcot Industrial Growth Centre Gangaikondan Tirunelveli Dist-627352		
Cratioener Reference :	IWO DU 09.08.2021	Sample Reference No :	ECI-NM-2021/09/054
Sample Description :	Noise	Monitoring Date :	13.09.2021
Monitored By :	ECI	Data Received On :	14.09.2021

S.No	Locations	Night Time	
		Minimum	Maximum
1.	Admin Office Area	62.2	64.1
2.	Canteen Area	67.1	68.3
3.	OG Room	67.3	68.2
4.	Main Machine Area	68.2	69.7
5.	RM Section	64.4	65.1
6.	Slack Yard Area	55.5	58.7
7.	Stripping Machine Area	60.3	62.2
8.	Toilet Area	61.1	63.6
9.	Work Shop Area	66.2	69.4
10.	Near Main Gate	63.3	65.1
Unit		dB (A)	
TNPCB Max. Permissible Limit for Night Time (Industrial Area)		70	
Reference Method		IS 9969	

<--- End of Report --->

Verified By : 

Remarks : In the above mentioned locations meets the requirements of TNPCB standards

For ENVIRO CARE INDIA PRIVATE LIMITED
(Chemical Testing Laboratory)


Authorized Signatory



Note: 1. The results are valid only for the test period.

2. Any correction or alteration shall be made in 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 analyzed for more than 15 days from date of receipt of test items.

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

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





RAMCO INDUSTRIES LIMITED

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

Arakkonam

Date: 16/09/2021

We are giving below the count report of fibre dust samples received from Gangaikondan factory for the month of Aug 2021.

Ref.No.	Date of sampling	Location	S/P	Flow Rate (ml/min)	Sampling duration (min)	Fibre Count (nos)	Fibre concentration (f/cc)
1	10.09.2021	ASBESTOS STORAGE GODDOWN	S	1000	240	9	0.020
2	11.09.2021	BAG OPENING DEVICE / ERM	P	1000	240	7	0.015
3	11.09.2021	SLURRY MIXER	S	1000	240	7	0.015
4	12.09.2021	SHEETING MACHINE	P	1000	240	8	0.019
5	12.09.2021	CORRUGATOR	P	1000	240	9	0.020
6	13.09.2021	MOULDING AREA	P	1000	240	10	0.022
7	13.09.2021	LABORATORY	P	1000	240	8	0.018
8	05.09.2021	LOADING AREA	S	1000	240	10	0.022
9	05.09.2021	NEAT MAIN GATE (OUT SIDE)	S	1000	240	9	0.020
10	07.09.2021	SEGREGATION	P	1000	240	9	0.020
11	08.09.2021	SALVAGE	S	1000	240	8	0.018
12	09.09.2021	PULVERIZER	P	1000	240	10	0.022

Remarks:-

* P- Personal
* S- Static
* Unable 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: 16/09/2021

We are giving below the count report of fibre dust samples received from Gangaikondan factory for the month of Aug 2021.

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	13.09.2021	Fiber On-Stack	.	10	10000	11	0.058
14	13.09.2021	Pulverizer On-Stack	.	10	10000	8	0.042

Remarks:-

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

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

SENIOR MANAGER QUALITY