

TEST REPORT

Page 1 of 1

STACK EMISSION (< 800 KW) MONITORING

Report / ULR No :	TC13674-24-0-00002339-F	Report Date :	29.07.2024
Customer Name & Address :	M/S. Kalasalingam Academy of Research and Education Anand Nagar, Srivilliputtur (Via), Krishnan Koil, Virudhunagar - 626126. Ph : 9944797390		
Sample Description :	Stack Emission (< 800 KW)	Sample Reference No :	EL-NL-SE-248-07-2024
Sample Drawn By :	Laboratory	Sample Collected Date :	26.07.2024
Sampling Time :	30 minutes	Sample Received on :	26.07.2024
Qty of Sample Received :	Thimble(1 no), Approx 50 ml Solution(1 no)	Test Commenced on :	27.07.2024
Sample Condition on Receipt :	Good	Test Completed on :	27.07.2024
Sampling Environment Condition :	Temperature:36°C	Sampling Method / Plan :	IS 11255
Sample Mark :	DG 82.5 KVA - Stamford (Cummins) (SI No:G12D150107)		
Instruments Used for Sampling :	SM Kit (ID No: EL-IT-F35) with calibration validity due on 09.11.2024		



S. No	Name of the Test	Test Method	Units	Results	Max. Permissible TNPCB Norms for 75 to 800 KVA
Chemical Testing					
1	A Stack Diameter	By Customer	m	0.15	NA
2	Ambient Temperature	SOP No.EL-SOP-ARS-15 Issue No.01 January, 1 : 2015	°C	36	NA
3	Carbon Monoxide (as CO)	SOP No.EL-SOP-SKT-12 Issue No.01 June, 24 : 2021	g/kW-hr	0.55	3.5
4	Flue Gas Temperature	Clause No.6 of IS 11255 (Part 3) : 2008	°C	112	NA
5	Flue Gas Velocity	Clause No.5 of IS 11255 (Part 3) : 2008	m/s	10.3	NA
6	Gaseous Flow Discharge	Clause No.10 of IS 11255 (Part 3) : 2008	m³/Hr	526	NA
7	Oxides of Nitrogen (as NO ₂)+ Hydrocarbon (as CH ₄)	IS 11255 (Part 7) : 2005 & SOP No.EL-SOP-SKT-12	g/kW-hr	0.11	4.0
8	Particulate Matter (PM)	IS : 11255 (Part 1) 1985	g/kW-hr	0.11	0.2
9	Sulphur Dioxide (as SO ₂)	IS 11255 (Part 2) : 1985	mg/Nm³	8.4	NA

Statement of Conformity: The concentrations of the parameters tested in the above Stack Emission are within the prescribed limits of TNPCB tolerance limits.

<-- End of Report -->

Report Verified by  Technical Personnel	For EXCELLENCE LABORATORY  Authorized Signatory
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R.REVATHI
 Technical Manager

R.S.DINAKARAN
 Quality Manager

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 6. This test results does not account the MU value in the statement of conformity unless or otherwise specified in the report.
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F.No: EL-GL-02

Excellence Laboratory

No.23/93, Fifth Street, Ram Nagar, S.S. Colony, Madurai - 625 016. ☎ 0452-4506252

TEST REPORT

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STACK EMISSION (< 800 KW) MONITORING

Report / ULR No :	TC13674-24-0-00002340-F	Report Date :	29.07.2024
Customer Name & Address :	M/S. Kalasalingam Academy of Research and Education Anand Nagar, Srivilliputtur (Via), Krishnan Koil, Virudhunagar - 626126. Ph : 9944797390		
Sample Description :	Stack Emission (< 800 KW)	Sample Reference No :	EL-NL-SE-249-07-2024
Sample Drawn By :	Laboratory	Sample Collected Date :	26.07.2024
Sampling Time :	30 minutes	Sample Received on :	26.07.2024
Qty of Sample Received :	Thimble(1 no),Approx 50 ml Solution(1 no)	Test Commenced on :	27.07.2024
Sample Condition on Receipt :	Good	Test Completed on :	27.07.2024
Sampling Environment Condition :	Temperature:36 °C	Sampling Method / Plan :	IS 11255
Sample Mark :	DG 380 KVA – Stamford (Cummins)(SINo:N121393714)		
Instruments Used for Sampling :	SM Kit (ID No: EL-IT-F35) with calibration validity due on 09.11.2024		

S. No	Name of the Test	Test Method	Units	Results	Max. Permissible TNPCB Norms for 75 to 800 KVA
Chemical Testing					
1	A Stack Diameter	By Customer	m	0.20	NA
2	Ambient Temperature	SOP No.EL-SOP-ARS-15 Issue No.01 January, 1 : 2015	°C	37	NA
3	Carbon Monoxide (as CO)	SOP No.EL-SOP-SKT-12 Issue No.01 June, 24 : 2021	g/kW-hr	0.33	3.5
4	Flue Gas Temperature	Clause No.6 of IS 11255 (Part 3) : 2008	°C	142	NA
5	Flue Gas Velocity	Clause No.5 of IS 11255 (Part 3) : 2008	m/s	19.3	NA
6	Gaseous Flow Discharge	Clause No.10 of IS 11255 (Part 3) : 2008	m³/Hr	1630	NA
7	Oxides of Nitrogen (as NO ₂)+ Hydrocarbon (as CH ₄)	IS 11255 (Part 7) : 2005 & SOP No.EL-SOP-SKT-12	g/kW-hr	0.05	4.0
8	Particulate Matter (PM)	IS : 11255 (Part 1) 1985	g/kW-hr	0.07	0.2
9	Sulphur Dioxide (as SO ₂)	IS 11255 (Part 2) : 1985	mg/Nm³	5.5	NA

Statement of Conformity: The concentrations of the parameters tested in the above Stack Emission are within the prescribed limits of TNPCB tolerance limits.

<-- End of Report -->

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TEST REPORT
STACK EMISSION (< 800 KW) MONITORING

Report / ULR No :	TC13674-24-0-00002341-F	Report Date :	29.07.2024
Customer Name & Address :	M/S. Kalasalingam Academy of Research and Education Anand Nagar, Srivilliputtur (Via), Krishnan Koil, Virudhunagar - 626126. Ph : 9944797390		
Sample Description :	Stack Emission (< 800 KW)	Sample Reference No :	EL-NL-SE-250-07-2024
Sample Drawn By :	Laboratory	Sample Collected Date :	26.07.2024
Sampling Time :	30 minutes	Sample Received on :	26.07.2024
Qty of Sample Received :	Thimble(1 no), Approx 50 ml Solution(1 no)	Test Commenced on :	27.07.2024
Sample Condition on Receipt :	Good	Test Completed on :	27.07.2024
Sampling Environment Condition :	Temperature:36°C	Sampling Method / Plan :	IS 11255
Sample Mark :	DG 180 KVA – Kirloskar (SI No:FS3M008 F47856)		
Instruments Used for Sampling :	SM Kit (ID No: EL-IT-F35) with calibration validity due on 09.11.2024		

S. No	Name of the Test	Test Method	Units	Results	Max. Permissible TNPCB Norms for 75 to 800 KVA
Chemical Testing					
1	A Stack Diameter	By Customer	m	0.15	NA
2	Ambient Temperature	SOP No.EL-SOP-ARS-15 Issue No.01 January,1 : 2015	°C	36	NA
3	Carbon Monoxide (as CO)	SOP No.EL-SOP-SKT-12 Issue No.01 June,24: 2021	g/kW-hr	0.23	3.5
4	Flue Gas Temperature	Clause No.6 of IS 11255 (Part 3) : 2008	°C	115	NA
5	Flue Gas Velocity	Clause No.5 of IS 11255 (Part 3) : 2008	m/s	11.5	NA
6	Gaseous Flow Discharge	Clause No.10 of IS 11255 (Part 3) : 2008	m ³ /Hr	582	NA
7	Oxides of Nitrogen (as NO ₂)+ Hydrocarbon (as CH ₄)	IS 11255 (Part 7) : 2005 & SOP No.EL- SOP-SKT-12	g/kW-hr	0.04	4.0
8	Particulate Matter (PM)	IS : 11255 (Part 1) 1985	g/kW-hr	0.07	0.2
9	Sulphur Dioxide (as SO ₂)	IS 11255 (Part 2) : 1985	mg/Nm ³	6.5	NA

Statement of Conformity: The concentrations of the parameters tested in the above Stack Emission are within the prescribed limits of **TNPCB** tolerance limits.

<-- End of Report -->

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Technical Manager



R.S.DINAKARAN
Quality Manager

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STACK EMISSION (< 800 KW) MONITORING

Report / ULR No :	TC13674-24-0-00002342-F	Report Date :	29.07.2024
Customer Name & Address :	M/S. Kalasalingam Academy of Research and Education Anand Nagar, Srivilliputtur (Via), Krishnan Koil, Virudhunagar - 626126. Ph : 9944797390		
Sample Description :	Stack Emission (< 800 KW)	Sample Reference No :	EL-NL-SE-251-07-2024
Sample Drawn By :	Laboratory	Sample Collected Date :	26.07.2024
Sampling Time :	30 minutes	Sample Received on :	26.07.2024
Qty of Sample Received :	Thimble(1 no),Approx 50 ml Solution(1 no)	Test Commenced on :	27.07.2024
Sample Condition on Receipt :	Good	Test Completed on :	27.07.2024
Sampling Environment Condition :	Temperature:36 C	Sampling Method / Plan :	IS 11255
Sample Mark :	DG 180 KVA – Stamford (Cummins) (SI No:N09G08212)		
Instruments Used for Sampling :	SM Kit (ID No: EL-IT-F35) with calibration validity due on 09.11.2024		

S. No	Name of the Test	Test Method	Units	Results	Max. Permissible TNPCB Norms for 75 to 800 KVA
Chemical Testing					
1	A Stack Diameter	By Customer	m	0.15	NA
2	Ambient Temperature	SOP No.EL-SOP-ARS-15 Issue No.01 January,1 : 2015	°C	36	NA
3	Carbon Monoxide (as CO)	SOP No.EL-SOP-SKT-12 Issue No.01 June,24: 2021	g/kW-hr	0.14	3.5
4	Flue Gas Temperature	Clause No.6 of IS 11255 (Part 3) : 2008	°C	95	NA
5	Flue Gas Velocity	Clause No.5 of IS 11255 (Part 3) : 2008	m/s	5.6	NA
6	Gaseous Flow Discharge	Clause No.10 of IS 11255 (Part 3) : 2008	m³/Hr	299	NA
7	Oxides of Nitrogen (as NO ₂)+ Hydrocarbon (as CH ₄)	IS 11255 (Part 7) : 2005 & SOP No.EL-SOP-SKT-12	g/kW-hr	0.03	4.0
8	Particulate Matter (PM)	IS : 11255 (Part 1) 1985	g/kW-hr	0.06	0.2
9	Sulphur Dioxide (as SO ₂)	IS 11255 (Part 2) : 1985	mg/Nm³	9.7	NA

Statement of Conformity: The concentrations of the parameters tested in the above Stack Emission are within the prescribed limits of **TNPCB** tolerance limits.

<-- End of Report -->

Report Verified by


 Technical Personnel

For EXCELLENCE LABORATORY


 Authorized Signatory

R.REVATHI
 Technical Manager

R.S.DINAKARAN
 Quality Manager

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STACK EMISSION (< 800 KW) MONITORING

Report / ULR No :	TC13674-24-0-00002343-F	Report Date :	29.07.2024
Customer Name & Address :	M/S. Kalasalingam Academy of Research and Education Anand Nagar, Srivilliputtur (Via), Krishnan Koil, Virudhunagar - 626126. Ph : 9944797390		
Sample Description :	Stack Emission (< 800 KW)	Sample Reference No :	EL-NL-SE-252-07-2024
Sample Drawn By :	Laboratory	Sample Collected Date :	26.07.2024
Sampling Time :	30 minutes	Sample Received on :	26.07.2024
Qty of Sample Received :	Thimble(1 no), Approx 50 ml Solution(1 no)	Test Commenced on :	27.07.2024
Sample Condition on Receipt :	Good	Test Completed on :	27.07.2024
Sampling Environment Condition :	Temperature: 36°C	Sampling Method / Plan :	IS 11255
Sample Mark :	DG 160 KVA – Kirloskar (SI No:BFAG0717)		
Instruments Used for Sampling :	SM Kit (ID No: EL-IT-F35) with calibration validity due on 09.11.2024		



S. No	Name of the Test	Test Method	Units	Results	Max. Permissible TNPCB Norms for 75 to 800 KVA
Chemical Testing					
1	A Stack Diameter	By Customer	m	0.2	NA
2	Ambient Temperature	SOP No.EL-SOP-ARS-15 Issue No.01 January, 1 : 2015	°C	36	NA
3	Carbon Monoxide (as CO)	SOP No.EL-SOP-SKT-12 Issue No.01 June, 24 : 2021	g/kW-hr	0.28	3.5
4	Flue Gas Temperature	Clause No.6 of IS 11255 (Part 3) : 2008	°C	64	NA
5	Flue Gas Velocity	Clause No.5 of IS 11255 (Part 3) : 2008	m/s	4.8	NA
6	Gaseous Flow Discharge	Clause No.10 of IS 11255 (Part 3) : 2008	m³/Hr	498	NA
7	Oxides of Nitrogen (as NO ₂)+ Hydrocarbon (as CH ₄)	IS 11255 (Part 7) : 2005 & SOP No.EL- SOP-SKT-12	g/kW-hr	0.07	4.0
8	Particulate Matter (PM)	IS : 11255 (Part 1) 1985	g/kW-hr	0.07	0.2
9	Sulphur Dioxide (as SO ₂)	IS 11255 (Part 2) : 1985	mg/Nm³	11.3	NA

Statement of Conformity: The concentrations of the parameters tested in the above Stack Emission are within the prescribed limits of **TNPCB** tolerance limits.

<-- End of Report -->

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R.REVATHI
 Technical Manager

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TEST REPORT

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STACK EMISSION (< 800 KW) MONITORING

Report / ULR No :	TC13674-24-0-00002344-F	Report Date :	29.07.2024
Customer Name & Address :	M/S. Kalasalingam Academy of Research and Education Anand Nagar, Srivilliputtur (Via), Krishnan Koil, Virudhunagar - 626126. Ph : 9944797390		
Sample Description :	Stack Emission (< 800 KW)	Sample Reference No :	EL-NL-SE-253-07-2024
Sample Drawn By :	Laboratory	Sample Collected Date :	26.07.2024
Sampling Time :	30 minutes	Sample Received on :	26.07.2024
Qty of Sample Received :	Thimble(1 no), Approx 50 ml Solution(1 no)	Test Commenced on :	27.07.2024
Sample Condition on Receipt :	Good	Test Completed on :	27.07.2024
Sampling Environment Condition :	Temperature:36°C	Sampling Method / Plan :	IS 11255
Sample Mark :	DG 180 KVA - Stamford (Cummins) (SI No:N11E187913)		
Instruments Used for Sampling :	SM Kit (ID No: EL-IT-F35) with calibration validity due on 09.11.2024		

S. No	Name of the Test	Test Method	Units	Results	Max. Permissible TNPCB Norms for 75 to 800 KVA
Chemical Testing					
1	A Stack Diameter	By Customer	m	0.2	NA
2	Ambient Temperature	SOP No.EL-SOP-ARS-15 Issue No.01 January,1 : 2015	°C	37	NA
3	Carbon Monoxide (as CO)	SOP No.EL-SOP-SKT-12 Issue No.01 June,24: 2021	g/kW-hr	0.39	3.5
4	Flue Gas Temperature	Clause No.6 of IS 11255 (Part 3) : 2008	°C	98	NA
5	Flue Gas Velocity	Clause No.5 of IS 11255 (Part 3) : 2008	m/s	9.3	NA
6	Gaseous Flow Discharge	Clause No.10 of IS 11255 (Part 3) : 2008	m ³ /Hr	878	NA
7	Oxides of Nitrogen (as NO ₂)+ Hydrocarbon (as CH ₄)	IS 11255 (Part 7) : 2005 & SOP No.EL-SOP-SKT-12	g/kW-hr	0.08	4.0
8	Particulate Matter (PM)	IS : 11255 (Part 1) 1985	g/kW-hr	0.16	0.2
9	Sulphur Dioxide (as SO ₂)	IS 11255 (Part 2) : 1985	mg/Nm ³	9.1	NA

Statement of Conformity: The concentrations of the parameters tested in the above Stack Emission are within the prescribed limits of **TNPCB** tolerance limits.

<-- End of Report -->

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STACK EMISSION (< 800 KW) MONITORING

Report / ULR No :	TC13674-24-0-00002345-F	Report Date :	29.07.2024
Customer Name & Address :	M/S. Kalasalingam Academy of Research and Education Anand Nagar, Srivilliputtur (Via), Krishnan Koil, Virudhunagar - 626126. Ph : 9944797390		
Sample Description :	Stack Emission (< 800 KW)	Sample Reference No :	EL-NL-SE-254-07-2024
Sample Drawn By :	Laboratory	Sample Collected Date :	26.07.2024
Sampling Time :	30 minutes	Sample Received on :	26.07.2024
Qty of Sample Received :	Thimble(1 no), Approx 50 ml Solution(1 no)	Test Commenced on :	27.07.2024
Sample Condition on Receipt :	Good	Test Completed on :	27.07.2024
Sampling Environment Condition :	Temperature:36°C	Sampling Method / Plan :	IS 11255
Sample Mark :	DG 250 KVA - Stamford (Cummins) (SI No:N121527288)		
Instruments Used for Sampling :	SM Kit (ID No: EL-IT-F35) with calibration validity due on 09.11.2024		

S. No	Name of the Test	Test Method	Units	Results	Max. Permissible TNPCB Norms for 75 to 800 KVA
Chemical Testing					
1	A Stack Diameter	By Customer	m	0.2	NA
2	Ambient Temperature	SOP No.EL-SOP-ARS-15 Issue No.01 January,1 : 2015	°C	36	NA
3	Carbon Monoxide (as CO)	SOP No.EL-SOP-SKT-12 Issue No.01 June,24: 2021	g/kW-hr	0.19	3.5
4	Flue Gas Temperature	Clause No.6 of IS 11255 (Part 3) : 2008	°C	77	NA
5	Flue Gas Velocity	Clause No.5 of IS 11255 (Part 3) : 2008	m/s	6.5	NA
6	Gaseous Flow Discharge	Clause No.10 of IS 11255 (Part 3) : 2008	m³/Hr	649	NA
7	Oxides of Nitrogen (as NO ₂)+ Hydrocarbon (as CH ₄)	IS 11255 (Part 7) : 2005 & SOP No.EL-SOP-SKT-12	g/kW-hr	0.06	4.0
8	Particulate Matter (PM)	IS : 11255 (Part 1) 1985	g/kW-hr	0.05	0.2
9	Sulphur Dioxide (as SO ₂)	IS 11255 (Part 2) : 1985	mg/Nm³	12.6	NA

Statement of Conformity: The concentrations of the parameters tested in the above Stack Emission are within the prescribed limits of TNPCB tolerance limits.

<-- End of Report -->

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F.No: EL-GL-02

Excellence Laboratory

No.23/93, Fifth Street, Ram Nagar, S.S. Colony, Madurai - 625 016. ☎ 0452-4506252

TEST REPORT

Page 1 of 1

STACK EMISSION (< 800 KW) MONITORING

Report / ULR No :	TC13674-24-0-00002346-F	Report Date :	29.07.2024
Customer Name & Address :	M/S. Kalasalingam Academy of Research and Education Anand Nagar, Srivilliputtur (Via), Krishnan Koil, Virudhunagar - 626126. Ph : 9944797390		
Sample Description :	Stack Emission (< 800 KW)	Sample Reference No :	EL-NL-SE-255-07-2024
Sample Drawn By :	Laboratory	Sample Collected Date :	26.07.2024
Sampling Time :	30 minutes	Sample Received on :	26.07.2024
Qty of Sample Received :	Thimble(1 no),Approx 50 ml Solution(1 no)	Test Commenced on :	27.07.2024
Sample Condition on Receipt :	Good	Test Completed on :	27.07.2024
Sampling Environment Condition :	Temperature:36°C	Sampling Method / Plan :	IS 11255
Sample Mark :	DG 250 KVA - Kirloskar (SI No:607699)		
Instruments Used for Sampling :	SM Kit (ID No: EL-IT-F35) with calibration validity due on 09.11.2024		

S. No	Name of the Test	Test Method	Units	Results	Max. Permissible TNPCB Norms for 75 to 800 KVA
Chemical Testing					
1	A Stack Diameter	By Customer	m	0.2	NA
2	Ambient Temperature	SOP No.EL-SOP-ARS-15 Issue No.01 January,1 : 2015	°C	36	NA
3	Carbon Monoxide (as CO)	SOP No.EL-SOP-SKT-12 Issue No.01 June,24: 2021	g/kW-hr	0.20	3.5
4	Flue Gas Temperature	Clause No.6 of IS 11255 (Part 3) : 2008	°C	95	NA
5	Flue Gas Velocity	Clause No.5 of IS 11255 (Part 3) : 2008	m/s	5.2	NA
6	Gaseous Flow Discharge	Clause No.10 of IS 11255 (Part 3) : 2008	m³/Hr	494	NA
7	Oxides of Nitrogen (as NO ₂)+ Hydrocarbon (as CH ₄)	IS 11255 (Part 7) : 2005 & SOP No.EL-SOP-SKT-12	g/kW-hr	0.05	4.0
8	Particulate Matter (PM)	IS : 11255 (Part 1) 1985	g/kW-hr	0.07	0.2
9	Sulphur Dioxide (as SO ₂)	IS 11255 (Part 2) : 1985	mg/Nm³	13.4	NA

Statement of Conformity: The concentrations of the parameters tested in the above Stack Emission are within the prescribed limits of **TNPCB** tolerance limits.

<-- End of Report -->

Report Verified by

Technical Personnel

R.REVATHI
 Technical Manager

For EXCELLENCE LABORATORY

Authorized Signatory

R.S.DINAKARAN
 Quality Manager

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TEST REPORT

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STACK EMISSION (< 800 KW) MONITORING

Report / ULR No :	TC13674-24-0-00002347-F	Report Date :	27.07.2024
Customer Name & Address :	M/S. Kalasalingam Academy of Research and Education Anand Nagar, Srivilliputtur (Via), Krishnan Koil, Virudhunagar - 626126. Ph : 9944797390		
Sample Description :	Stack Emission (< 800 KW)	Sample Reference No :	EL-NL-SE-256-07-2024
Sample Drawn By :	Laboratory	Sample Collected Date :	26.07.2024
Sampling Time :	30 minutes	Sample Received on :	26.07.2024
Qty of Sample Received :	Thimble(1 no),Approx 50 ml Solution(1 no)	Test Commenced on :	27.07.2024
Sample Condition on Receipt :	Good	Test Completed on :	27.07.2024
Sampling Environment Condition :	Temperature:36°C	Sampling Method / Plan :	IS 11255
Sample Mark :	DG 250 KVA – Kirloskar (SI No:4506216)		
Instruments Used for Sampling :	SM Kit (ID No: EL-IT-F35) with calibration validity due on 09.11.2024		

S. No	Name of the Test	Test Method	Units	Results	Max. Permissible TNPCB Norms for 75 to 800 KVA
Chemical Testing					
1	A Stack Diameter	By Customer	m	0.2	NA
2	Ambient Temperature	SOP No.EL-SOP-ARS-15 Issue No.01 January,1 : 2015	°C	36	NA
3	Carbon Monoxide (as CO)	SOP No.EL-SOP-SKT-12 Issue No.01 June,24: 2021	g/kW-hr	0.14	3.5
4	Flue Gas Temperature	Clause No.6 of IS 11255 (Part 3) : 2008	°C	58	NA
5	Flue Gas Velocity	Clause No.5 of IS 11255 (Part 3) : 2008	m/s	4.3	NA
6	Gaseous Flow Discharge	Clause No.10 of IS 11255 (Part 3) : 2008	m ³ /Hr	454	NA
7	Oxides of Nitrogen (as NO ₂)+ Hydrocarbon (as CH ₄)	IS 11255 (Part 7) : 2005 & SOP No.EL-SOP-SKT-12	g/kW-hr	0.02	4.0
8	Particulate Matter (PM)	IS : 11255 (Part 1) 1985	g/kW-hr	0.05	0.2
9	Sulphur Dioxide (as SO ₂)	IS 11255 (Part 2) : 1985	mg/Nm ³	7.6	NA

Statement of Conformity: The concentrations of the parameters tested in the above Stack Emission are within the prescribed limits of **TNPCB** tolerance limits.

<-- End of Report -->

Report Verified by

Technical Personnel

R.REVATHI
 Technical Manager

For EXCELLENCE LABORATORY

Authorized Signatory

R.S.DINAKARAN
 Quality Manager

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TEST REPORT

AMBIENT NOISE LEVEL MONITORING

Report / URL No :		TC13674-24-0-00002355-F	Report Date :		29.07.2024		
Customer Name & Address :		M/S. Kalasalingam Academy of Research and Education Anand Nagar, Srivilliputtur (Via), Krishnan Koil, Virudhunagar - 626126. Ph : 9944797390					
Sample Description :		DG Noise	Sample Reference No :		EL-NL-AN-91-07-2024		
Monitoring by :		Laboratory	Monitoring Date :		26.07.2024		
Sampling Time :		Day Time (6.00 a.m - 10.00 p.m)	Data Received on :		27.07.2024		
Sampling Environmental Condition :		Temperature:32.0°C					
Sampling Method / Plan :		IS 9989 : 1981					
Instruments Used for Sampling :		S in 1 - EL-IT-F28 with calibration validity due on 02.12.2024					
S. No	Name of the Locations	Monitoring Distance in M	Monitoring Time	Minimum dB(A)	Maximum dB(A)	L Equivalent dB(A)	Loss of Insertion Noise
1	DG 380 KVA - Stamford (Cummins) (SI No.N 121393704) Door Open Running Conditions	Site	10.00AM-11.00AM	90.3	91.0	90.8	25.6
2	DG 380 KVA - Stamford (Cummins) (SI No.N 121393704) Door Closed Running Conditions	Site	10.00AM-11.00AM	65.1	65.4	65.2	
3	DG 160 KVA - Kriloskar (SI No.BEAG 0717) Door Open Running Conditions	Site	10.00AM-11.00AM	86.2	87.5	86.9	25.8
4	DG 160 KVA - Kriloskar (SI No.BEAG 0717) Door Closed Running Conditions	Site	10.00AM-11.00AM	60.5	61.8	61.1	
5	DG 250 KVA - Stamford (Cummins) (SI No.N 121527288) Door Open Running Conditions	Site	11.00AM-12.00PM	93.2	95.6	94.0	25.3
6	DG 250 KVA - Stamford (Cummins) (SI No.N 121527288) Door Closed Running Conditions	Site	11.00AM-12.00PM	67.7	70.1	68.7	
7	DG 250 KVA - Kriloskar (SI No.607699) Door Open Running Conditions	Site	11.00AM-12.00PM	84.5	86.2	85.0	25.2
8	DG 250 KVA - Kriloskar (SI No.607699) Door Closed Running Conditions	Site	11.00AM-12.00PM	59.2	60.9	59.8	
9	DG 180 KVA - Stamford (Cummins) (SI No.NHE 187913) Door Open Running Conditions	Site	11.00AM-12.00PM	89.3	90.9	89.4	25.2
10	DG 180 KVA - Stamford (Cummins) (SI No.NHE 187913) Door Closed Running Conditions	Site	11.00AM-12.00PM	63.9	65.5	64.2	



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TEST REPORT

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11	DG 250 KVA - Kriloskar (SI No.4506216) Door Open Running Conditions	Site	12.00PM-01.00PM	83.6	85.1	84.3	25.3
12	DG 250 KVA - Kriloskar (SI No.4506216) Door Closed Running Conditions	Site	12.00PM-01.00PM	58.3	59.8	59.0	
13	DG 180 KVA - Stamford (Cummins) (SI No.N09G08212) Door Open Running Conditions	Site	12.00PM-01.00PM	87.3	89.6	88.5	25.5
14	DG 180 KVA - Stamford (Cummins) (SI No.N09G08212) Door Closed Running Conditions	Site	12.00PM-01.00PM	62.2	64.5	63.7	
15	DG 82.5 KVA - Stamford (Cummins) (SI No.G12D150107) Door Open Running Conditions	Site	12.00PM-01.00PM	84.7	85.7	85.0	25.8
16	DG 82.5 KVA - Stamford (Cummins) (SI No.G12D150107) Door Closed Running Conditions	Site	12.00PM-01.00PM	58.7	60.0	59.2	
17	DG 180 KVA - Kriloskar (SI No.FS3M008F47856) Door Open Running Conditions	Site	12.00PM-01.00PM	85.4	86.8	85.9	25.1
18	DG 180 KVA - Kriloskar (SI No.FS3M008F47856) Door Closed Running Conditions	Site	12.00PM-01.00PM	60.1	61.5	60.8	

Permissible Limit for Loss of Insertion Noise as per the CPCB Norms

Minimum 25.0

<-- End of Report -->

Report Verified by

Technical Personnel

For EXCELLENCE LABORATORY

Authorized Signatory

R.REVATHI
 Technical Manager

R.S.DINAKARAN
 Quality Manager

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