National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ENVIROTECH CALIBRATION LABORATORY, A-271, OKHLA INDUSTRIAL AREA, PHASE-1, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-2799 **Page No** 1 of 9

Validity 23/09/2020 to 22/09/2022 **Last Amended on** -

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrum	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
Permanent Facility					
1	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Timer, Time Totalizer,	Using Electronic Timer by Comparison Method	3 min to 60 min	0.75 min to 0.8 min
2	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Timer, Time Totalizer, Stop watch	Using Digital Time Calibrator by Comparison Method	1 h to 5 h	0.5 sec to 2.4 sec
3	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Timer, Time Totalizer, Stop watch	Using Digital Time Calibrator by Comparison Method	10 sec to 60 sec	0.075 sec to 0.15 sec
4	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Timer, Time Totalizer, Stop watch	Using Digital Time Calibrator by Comparison Method	5 h to 23 h	2.4 sec to 9.8 sec
5	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Timer, Time Totalizer, Stop watch	Using Digital Time Calibrator by Comparison Method	60 sec to 60 min	0.08 sec to 0.43 sec

SCOPE OF ACCREDITATION

Laboratory Name :	ENVIROTECH CALIBRATION LABORATORY, A-271, OKHLA INDUSTRIAL AREA, PHASE-1, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2799	**Page No**	2 of 9
Validity	23/09/2020 to 22/09/2022	**Last Amended on**	-

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrum	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
6	FLUID FLOW-FLOW MEASURING DEVICES	Diaphragm Gas meter, Wet gas meter, Volume totalizer, Flow Indicating device	Using PD Meter by Comparison method	0.18 m3 to 0.5 m3 at flow rate of 34 LPM to 100 LPM	2.12%
7	FLUID FLOW-FLOW MEASURING DEVICES	High Volume Sampler, Respirable Dust Sampler, Rotameter, Diaphragm Gas Meter, Flow Indicating device	Using Top Loading Calibrator by Comparison method, USEPA IO2.1	0.6 m3/min to 1.5 m3/min	1.30%
8	FLUID FLOW-FLOW MEASURING DEVICES	Pitot Tubes, Anemometer, Flow Indicating device	Using 'L' Type Pitot Tube in Wind Tunnel by Comparison method	3 m/s to 35 m/s	1.14%
9	FLUID FLOW-FLOW MEASURING DEVICES	PM2.5 Sampler, Fine Particulate Sampler, Rotameter, Diaphragm Gas Meter, Flow Indicating device	Using Low Flow Calibrator by Comparison method, 40CFR Part50 Appendix L	10 LPM to 20 LPM	1.30%
10	FLUID FLOW-FLOW MEASURING DEVICES	Rotameter, Diaphragm Gas Meter, Flow Indicating device	Using Piston Flow Calibrator by Comparison method, ASTM D5337-11	0.20 LPM to 3.0 LPM	0.045 LPM
11	FLUID FLOW-FLOW MEASURING DEVICES	Rotameter, Diaphragm Gas Meter, Flow Indicating device	Using Piston Flow Calibrator by Comparison method, ASTM D5337-11	40 ml/min to 200 ml/min	0.65 ml/min

SCOPE OF ACCREDITATION

Laboratory Name :	ENVIROTECH CALIBRATION LABORATORY, A-271, OKHLA INDUSTRIAL AREA, PHASE-1, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2799	**Page No**	3 of 9
Validity	23/09/2020 to 22/09/2022	**Last Amended on**	-

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrum	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
12	FLUID FLOW-FLOW MEASURING DEVICES	Rotameter, Diaphragm Gas Meter, Flow Indicating device	Using Piston Flow Calibrator by Comparison method, ASTM D5337-11	5 LPM to 50 LPM	0.72 LPM
13	FLUID FLOW-FLOW MEASURING DEVICES	Rotameter, Diaphragm meter, Flow measuring device	Using PD Meter by Comparison method	40 LPM to 100 LPM	1.83%
14	FLUID FLOW-FLOW MEASURING DEVICES	Rotameter, Diaphragm meter, Top loading Calibrator, Orifice Calibrator, Flow measuring device	Using PD Meter by Comparison method, USEPA IO2.1	0.6 m3/min to 1.5 m3/min	0.88%
15	FLUID FLOW-FLOW MEASURING DEVICES	Rotameter, Flow Indicating device	Using Diaphragm Gas meter by Comparison method	0.25 LPM to 3 LPM	0.03 LPM
16	FLUID FLOW-FLOW MEASURING DEVICES	Rotameter, Flow Indicating device	Using Diaphragm Gas meter by Comparison method	20 LPM to 100 LPM	1.61 LPM
17	FLUID FLOW-FLOW MEASURING DEVICES	Rotameter, Flow Indicating device	Using Diaphragm Gas meter by Comparison method	3 LPM to 20 LPM	0.15 LPM
18	MECHANICAL-ACOUSTICS	Sound level meter	Using Sound Level Calibrator by Comparison Method	94 &114 dB @ 1000 Hz	1.72 dB

SCOPE OF ACCREDITATION

Laboratory Name : ENVIROTECH CALIBRATION LABORATORY, A-271, OKHLA INDUSTRIAL AREA, PHASE-1, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-2799 **Page No** 4 of 9

Validity 23/09/2020 to 22/09/2022 **Last Amended on** -

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrum	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
19	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure Gauge, Pressure monitor, Pressure Indicator	Using Reference Pressure sensor and Pressure Calibrator by Comparison method	(-)0.8 bar to 0 bar	0.0008 bar
20	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure Gauge, Pressure monitor, Pressure Indicator (Pneumatic)	Using Reference Pressure sensor and Pressure Calibrator by Comparison method	0 bar (abs) to 2 bar (abs)	0.00030 bar
21	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure Gauge, Pressure monitor, Pressure Indicator (Pneumatic)	Using Reference Pressure Calibrator by Comparison method	0.0 bar to 2 bar	0.00048 bar
22	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure Gauge, Pressure monitor, Pressure Indicator (Pneumatic)	Using Reference Pressure sensor and Pressure Calibrator by Comparison method	1 mbar to 100 mbar	0.25 mbar
23	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure Gauge, Pressure monitor, Pressure Indicator (Pneumatic)	Using Differential Pressure meter by Comparison method	1 mbar to 100 mbar	0.70 mbar
24	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure Gauge, Pressure monitor, Pressure Indicator(Pneumatic)	Using Absolute Pressure meter & pressure comparator by Comparison method	600 mbar (abs) to 1200 mbar (abs)	0.45 mbar

SCOPE OF ACCREDITATION

Laboratory Name : ENVIROTECH CALIBRATION LABORATORY, A-271, OKHLA INDUSTRIAL AREA, PHASE-1, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-2799 **Page No** 5 of 9

Validity 23/09/2020 to 22/09/2022 **Last Amended on** -

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrum	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
25	THERMAL-TEMPERATURE	RTD, Thermocouple, Temperature Sensor with indicator	Using PT-100 Four Wire RTD with indicator using Dry Block Calibrator By Comparison Method	(-)15 °C to 110 °C	0.37°C
26	THERMAL-TEMPERATURE	RTD, Thermocouple, Temperature Sensor with indicator	Using 'S' Type Thermocouple with Indicator Using Dry Block Calibrator By Comparison Method	100 °C to 600 °C	2.0° C
27	THERMAL-TEMPERATURE	RTD, Thermocouple, Temperature Sensor with indicator	Using 'R' Type Thermocouple with indicator using Dry Block Calibrator By Comparison Method	300 °C to 1200 ° C	3.0°C
28	THERMAL-TEMPERATURE	RTD, Thermocouple, Temperature Sensor with indicator	Using Digital Thermohygrometer with sensor using Constant Temperature Chamber by Comparison method	5 °C to 50 °C	0.4°C

SCOPE OF ACCREDITATION

Laboratory Name :	ENVIROTECH CALIBRATION LABORATORY, A-271, OKHLA INDUSTRIAL AREA, PHASE-1, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2799	**Page No**	6 of 9
Validity	23/09/2020 to 22/09/2022	**Last Amended on**	-

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrum	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
Site Facility					
1	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Timer, Time Totalizer,	Using Electronic Timer by Comparison Method	3 min to 60 min	0.75 min to 0.8 min
2	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Timer, Time Totalizer, Stop watch	Using Digital Time Calibrator by Comparison Method	1 h to 5 h	0.5 sec to 2.4 sec
3	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Timer, Time Totalizer, Stop watch	Using Digital Time Calibrator by Comparison Method	10 sec to 60 sec	0.075 sec to 0.15 sec
4	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Timer, Time Totalizer, Stop watch	Using Digital Time Calibrator by Comparison Method	5 h to 23 h	2.4 sec to 9.8 sec
5	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Timer, Time Totalizer, Stop watch	Using Digital Time Calibrator by Comparison Method	60 sec to 60 min	0.08 sec to 0.43 sec

SCOPE OF ACCREDITATION

Laboratory Name :	ENVIROTECH CALIBRATION LABORATORY, A-271, OKHLA INDUSTRIAL AREA, PHASE-1, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2799	**Page No**	7 of 9
Validity	23/09/2020 to 22/09/2022	**Last Amended on**	-

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrum	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
6	FLUID FLOW-FLOW MEASURING DEVICES	High Volume Sampler, Respirable Dust Sampler, Rotameter, Diaphragm Gas Meter, Flow Indicating device	Using Top Loading Calibrator by Comparison method, USEPA IO2.1	0.6 m3/min to 1.5 m3/min	1.30%
7	FLUID FLOW-FLOW MEASURING DEVICES	PM2.5 Sampler, Fine Particulate Sampler, Rotameter, Diaphragm Gas Meter, Flow Indicating device	Using Low Flow Calibrator by Comparison method, 40CFR Part50 Appendix L	10 LPM to 20 LPM	1.30%
8	FLUID FLOW-FLOW MEASURING DEVICES	Rotameter, Diaphragm Gas Meter, Flow Indicating device	Using Piston Flow Calibrator by Comparison method, ASTM D5337-11	0.20 LPM to 3.0 LPM	0.045 LPM
9	FLUID FLOW-FLOW MEASURING DEVICES	Rotameter, Diaphragm Gas Meter, Flow Indicating device	Using Piston Flow Calibrator by Comparison method, ASTM D5337-11	40 ml/min to 200 ml/min	0.65 ml/min
10	FLUID FLOW-FLOW MEASURING DEVICES	Rotameter, Diaphragm Gas Meter, Flow Indicating device	Using Piston Flow Calibrator by Comparison method, ASTM D5337-11	5 LPM to 50 LPM	0.72 LPM
11	FLUID FLOW-FLOW MEASURING DEVICES	Rotameter, Flow Indicating device	Using Diaphragm Gas meter by Comparison method	0.25 LPM to 3 LPM	0.03 LPM

SCOPE OF ACCREDITATION

Laboratory Name :	ENVIROTECH CALIBRATION LABORATORY, A-271, OKHLA INDUSTRIAL AREA, PHASE-1, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2799	**Page No**	8 of 9
Validity	23/09/2020 to 22/09/2022	**Last Amended on**	-

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrum	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
12	FLUID FLOW-FLOW MEASURING DEVICES	Rotameter, Flow Indicating device	Using Diaphragm Gas meter by Comparison method	20 LPM to 100 LPM	1.61 LPM
13	FLUID FLOW-FLOW MEASURING DEVICES	Rotameter, Flow Indicating device	Using Diaphragm Gas meter by Comparison method	3 LPM to 20 LPM	0.15 LPM
14	MECHANICAL-ACOUSTICS	Sound level meter	Using Sound Level Calibrator by Comparison Method	94 &114 dB @ 1000 Hz	1.72 dB
15	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure Gauge, Pressure monitor, Pressure Indicator	Using Reference Pressure sensor and Pressure Calibrator by Comparison method	(-)0.8 bar to 0 bar	0.0008 bar
16	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure Gauge, Pressure monitor, Pressure Indicator (Pneumatic)	Using Reference Pressure sensor and Pressure Calibrator by Comparison method	0 bar (abs) to 2 bar (abs)	0.00030 bar
17	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure Gauge, Pressure monitor, Pressure Indicator (Pneumatic)	Using Reference Pressure Calibrator by Comparison method	0.0 bar to 2 bar	0.00048 bar
18	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure Gauge, Pressure monitor, Pressure Indicator (Pneumatic)	Using Reference Pressure sensor and Pressure Calibrator by Comparison method	1 mbar to 100 mbar	0.25 mbar

SCOPE OF ACCREDITATION

Laboratory Name :	ENVIROTECH CALIBRATION LABORATORY, A-271, OKHLA INDUSTRIAL AREA, PHASE-1, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2799	**Page No**	9 of 9
Validity	23/09/2020 to 22/09/2022	**Last Amended on**	-

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrum	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
19	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure Gauge, Pressure monitor, Pressure Indicator (Pneumatic)	Using Differential Pressure meter by Comparison method	1 mbar to 100 mbar	0.70 mbar
20	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure Gauge, Pressure monitor, Pressure Indicator(Pneumatic)	Using Absolute Pressure meter & pressure comparator by Comparison method	600 mbar (abs) to 1200 mbar (abs)	0.45 mbar
21	THERMAL-TEMPERATURE	RTD, Thermocouple, Temperature Sensor with indicator	Using PT-100 Four Wire RTD with indicator using Dry Block Calibrator By Comparison Method	(-)15 °C to 110 °C	0.37°C
22	THERMAL-TEMPERATURE	RTD, Thermocouple, Temperature Sensor with indicator	Using 'S' Type Thermocouple with Indicator Using Dry Block Calibrator By Comparison Method	100 °C to 600 °C	2.0° C
23	THERMAL-TEMPERATURE	RTD, Thermocouple, Temperature Sensor with indicator	Using 'R' Type Thermocouple with indicator using Dry Block Calibrator By Comparison Method	300 °C to 1200 ° C	3.0°C

*** CMCs represent expanded uncertainties expressed at approximately the 95% level of confidence, using a coverage factor of k = 2.**