National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-4061 **Page No** 1 of 49

Validity 24/09/2024 to 23/09/2026 **Last Amended on** 22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	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-Alternating Current (< 1 GHz) (Measure)	AC Current @ 50 Hz	Using 6½ Digit Multimeter by Direct Method	100 µA to 100 mA	0.2 %
2	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 50 Hz	Using 6½ Digit Multimeter by Direct Method	100 mA to 10 A	0.2 % to 0.315 %
3	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 50 Hz	Using 6½ Digit Multimeter by Direct Method	10 V to 1000 V	0.11 %
4	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 50 Hz	Using 6½ Digit Multimeter by Direct Method	100 mV to 10 V	0.12 % to 0.11 %
5	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz	Using 5½ Digit Multifunction Calibrator by Direct Method	100 µA to 20 mA	0.107 % to 0.15 %

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4061	**Page No**	2 of 49
Validity	24/09/2024 to 23/09/2026	**Last Amended on**	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
6	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz	Using 5½ Digit Multifunction Calibrator by Direct Method	2 A to 10 A	0.85 % to 0.55 %
7	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz	Using 5½ Digit Multifunction Calibrator by Direct Method	20 mA to 2 A	0.15 % to 0.85 %
8	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC High Current @ 50 Hz	Using 5½ Digit Multifunction Calibrator with Current Coil (CTR 1 : 100) by Direct Method	10 A to 600 A	1.1 % to 1.172 %
9	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 50 Hz	Using 5½ Digit Multifunction Calibrator by Direct Method	1 mV to 200 mV	0.9 % to 0.1 %
10	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 50 Hz	Using 5½ Digit Multifunction Calibrator by Direct Method	200 mV to 200 V	0.1 % to 0.19 %

SCOPE OF ACCREDITATION

Laboratory Name : QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-4061 **Page No** 3 of 49

Validity 24/09/2024 to 23/09/2026 **Last Amended on** 22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
11	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 50 Hz	Using 5½ Digit Multifunction Calibrator by Direct Method	200 V to 1000 V	0.19 % to 0.125 %
12	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6½ Digit Multimeter by Direct Method	100 mA to 10 A	0.07 % to 0.19 %
13	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6½ Digit Multimeter by Direct Method	50 µA to 100 mA	1.35 % to 0.07 %
14	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6½ Digit Multimeter by Direct Method	1 mV to 100 mV	0.487 % to 0.01 %
15	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6½ Digit Multimeter by Direct Method	10 V to 1000 V	0.01 % to 0.07 %
16	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6½ Digit Multimeter by Direct Method	100 mV to 10 V	0.01 %

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4061	**Page No**	4 of 49
Validity	24/09/2024 to 23/09/2026	**Last Amended on**	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
17	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance - 2 Wire	Using 6½ Digit Multimeter by Direct Method	1 Mohm to 100 Mohm	0.02 % to 0.362 %
18	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance - 2 Wire	Using 6½ Digit Multimeter by Direct Method	10 ohm to 1 Mohm	0.02 %
19	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance - 2 Wire	Using 6½ Digit Multimeter by Direct Method	100 Mohm to 1000 Mohm	0.362 % to 1.38 %
20	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance - 2 Wire @ 1000 V	Using Digital Insulation Tester by Direct Method	1 Gohm to 40 Gohm	3.84 % to 4.31 %
21	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance - 2 Wire @ 2500 V	Using Digital Insulation Tester by Direct Method	1 Gohm to 100 Gohm	3.84 % to 4.31 %
22	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance - 2 Wire @ 500 V	Using Digital Insulation Tester by Direct Method	1 Gohm to 10 Gohm	3.84 % to 4.31 %

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4061	**Page No**	5 of 49
Validity	24/09/2024 to 23/09/2026	**Last Amended on**	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
23	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance - 2 Wire @ 5000 V	Using Digital Insulation Tester by Direct Method	1 Gohm to 1 Tohm	3.84 % to 4.31 %
24	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance - 4 Wire	Using Digital Micro Ohm Meter by Direct Method	1 mohm to 10 ohm	1.5 %
25	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance - 4 Wire	Using Digital Micro Ohm Meter by Direct Method	50 µohm to 1 mohm	1.5 %
26	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using 5½ Digit Multifunction Calibrator by Direct Method	100 µA to 20 mA	1.47 % to 0.197 %
27	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using 5½ Digit Multifunction Calibrator by Direct Method	2 A to 10 A	0.15 % to 0.165 %
28	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using 5½ Digit Multifunction Calibrator by Direct Method	20 mA to 2 A	0.197 % to 0.15 %

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4061	**Page No**	6 of 49
Validity	24/09/2024 to 23/09/2026	**Last Amended on**	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
29	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC High Current	Using 5½ Digit Multifunction Calibrator with Current Coil (CTR 1 : 100) by Direct Method	10 A to 600 A	0.1 % to 0.68 %
30	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using 5½ Digit Multifunction Calibrator by Direct Method	1 mV to 200 mV	0.73 % to 0.011 %
31	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using 5½ Digit Multifunction Calibrator by Direct Method	200 mV to 200 V	0.011 % to 0.025 %
32	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using 5½ Digit Multifunction Calibrator by Direct Method	200 V to 1000 V	0.025 % to 0.01 %
33	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	RTD (PT 100)	Using Digital Thermometer by Direct Method	(-) 200 °C to 500 °C	2.2 °C

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4061	**Page No**	7 of 49
Validity	24/09/2024 to 23/09/2026	**Last Amended on**	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
34	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple B Type	Using Digital Thermometer by Direct Method	600 °C to 1800 °C	2.5 °C
35	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple E Type	Using Digital Thermometer by Direct Method	(-) 200 °C to 600 °C	0.91 °C
36	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple J Type	Using Digital Thermometer by Direct Method	(-) 200 °C to 1200 °C	0.7 °C
37	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple K Type	Using Digital Thermometer by Direct Method	(-) 200 °C to 1300 °C	0.7 °C
38	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple N Type	Using Digital Thermometer by Direct Method	(-) 200 °C to 1300 °C	0.83 °C
39	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple R Type	Using Digital Thermometer by Direct Method	0 to 1700 °C	1.28 °C

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	CC-4061
Page No	8 of 49
Validity	24/09/2024 to 23/09/2026
Last Amended on	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
40	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple S Type	Using Digital Thermometer by Direct Method	0 to 1700 °C	1.3 °C
41	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple T Type	Using Digital Thermometer by Direct Method	(-) 200 °C to 400 °C	0.75 °C
42	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD (PT 100)	Using Multifunction Process Calibrator by Direct Method	(-) 200 °C to 650 °C	0.48 °C
43	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple B Type	Using Multifunction Process Calibrator by Direct Method	600 °C to 1800 °C	2.5 °C
44	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple E Type	Using Multifunction Process Calibrator by Direct Method	(-) 200 °C to 600 °C	0.6 °C
45	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple J Type	Using Multifunction Process Calibrator by Direct Method	(-) 200 °C to 1200 °C	0.47 °C

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4061	**Page No**	9 of 49
Validity	24/09/2024 to 23/09/2026	**Last Amended on**	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
46	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple K Type	Using Mutifunction Process Calibrator by Direct Method	(-) 200 °C to 1200 °C	0.7 °C
47	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple N Type	Using Multifunction Process Calibrator by Direct Method	(-) 200 °C to 1300 °C	0.71 °C
48	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple R Type	Using Multifunction Process Calibrator by Direct Method	100 °C to 1700 °C	0.8 °C
49	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple S Type	Using Multifunction Process Calibrator by Direct Method	100 °C to 1700 °C	0.93 °C
50	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple T Type	Using Multifunction Process Calibrator by Direct Method	0 °C to 400 °C	0.49 °C
51	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Frequency	Using 6½ Digit Multimeter by Direct Method	10 Hz to 1 MHz	0.07 % to 0.06 %

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4061	**Page No**	10 of 49
Validity	24/09/2024 to 23/09/2026	**Last Amended on**	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
52	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Digital Time Calibrator by Comparison Method	100 ms to 86400 s	0.014 s to 3.9 s
53	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Frequency	Using 5½ Digit Multifunction Calibrator by Direct Method	45 Hz to 1000 Hz	0.25 %
54	MECHANICAL-ACCELERATION AND SPEED	Digital Tachometer, RPM Sensor with Indicator - Contact Type	Using Digital Tachometer, RPM Source by Comparison Method	> 100 rpm to 600 rpm	3.18 rpm
55	MECHANICAL-ACCELERATION AND SPEED	Digital Tachometer, RPM Sensor with Indicator - Contact Type	Using Digital Tachometer, RPM Source by Comparison Method	> 50 rpm to 100 rpm	2.81 rpm
56	MECHANICAL-ACCELERATION AND SPEED	Digital Tachometer, RPM Sensor with Indicator - Contact Type	Using Digital Tachometer, RPM Source by Comparison Method	> 600 rpm to 4500 rpm	12.5 rpm
57	MECHANICAL-ACCELERATION AND SPEED	Digital Tachometer, RPM Sensor with Indicator - Contact Type	Using Digital Tachometer, RPM Source by Comparison Method	10 rpm to 50 rpm	1.32 rpm
58	MECHANICAL-ACCELERATION AND SPEED	Digital Tachometer, RPM Sensor with Indicator - Non Contact Type	Using Digital Tachometer, RPM Source by Comparison Method	> 100 rpm to 600 rpm	1.75 rpm

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4061	**Page No**	11 of 49
Validity	24/09/2024 to 23/09/2026	**Last Amended on**	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
59	MECHANICAL-ACCELERATION AND SPEED	Digital Tachometer, RPM Sensor with Indicator - Non Contact Type	Using Digital Tachometer, RPM Source by Comparison Method	> 20000 rpm to 40000 rpm	24 rpm
60	MECHANICAL-ACCELERATION AND SPEED	Digital Tachometer, RPM Sensor with Indicator - Non Contact Type	Using Digital Tachometer, RPM Source by Comparison Method	> 50 rpm to 100 rpm	1.5 rpm
61	MECHANICAL-ACCELERATION AND SPEED	Digital Tachometer, RPM Sensor with Indicator - Non Contact Type	Using Digital Tachometer, RPM Source by Comparison Method	> 600 rpm to 6000 rpm	3.5 rpm
62	MECHANICAL-ACCELERATION AND SPEED	Digital Tachometer, RPM Sensor with Indicator - Non Contact Type	Using Digital Tachometer, RPM Source by Comparison Method	> 6000 rpm to 20000 rpm	12.5 rpm
63	MECHANICAL-ACCELERATION AND SPEED	Digital Tachometer, RPM Sensor with Indicator - Non Contact Type	Using Digital Tachometer, RPM Source by Comparison Method	> 60000 rpm to 90000 rpm	55 rpm
64	MECHANICAL-ACCELERATION AND SPEED	Digital Tachometer, RPM Sensor with Indicator - Non Contact Type	Using Digital Tachometer, RPM Source by Comparison Method	10 rpm to 50 rpm	1.25 rpm
65	MECHANICAL-ACCELERATION AND SPEED	Digital Tachometer, RPM Sensor with Indicator - Non Contact Type	Using Digital Tachometer, RPM Source by Comparison Method	> 40000 rpm to 60000 rpm	38 rpm

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4061	**Page No**	12 of 49
Validity	24/09/2024 to 23/09/2026	**Last Amended on**	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
66	MECHANICAL-ACOUSTICS	Sound Level Meter @ 1 kHz	Using Sound Level Calibrator by Direct Method	114 dB	0.4 dB
67	MECHANICAL-ACOUSTICS	Sound Level Meter @ 1 kHz	Using Sound Level Calibrator by Direct Method	94 dB	0.4 dB
68	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Caliper - Vernier / Dial / Digital (L.C.: 0.01 mm)	Using Slip Gauge Set and Caliper Checker by Comparison Method	0 to 300 mm	14 µm
69	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Caliper - Vernier / Dial / Digital (L.C.: 0.01 mm)	Using Slip Gauge Set and Caliper Checker by Comparison Method	0 to 600 mm	20.4 µm
70	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth Micrometer (L.C.: 0.01 mm)	Using Slip Gauge Set, Slip Gauge Accessories Set & Caliper Checker by Comparison Method	0 to 25 mm	7.6 µm
71	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Thickness Gauge (L.C.: 0.01 mm)	Using Slip Gauge Set by Comparison Method	0 to 50 mm	11.3 µm

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	CC-4061
Page No	13 of 49
Validity	24/09/2024 to 23/09/2026
Last Amended on	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
72	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer (L.C.: 0.001 mm)	Using Slip Gauge Set by Comparison Method	0 to 100 mm	3.2 µm
73	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Feeler Gauge	Using Digital Micrometer by Comparison Method	0.04 mm to 1 mm	2.85 µm
74	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge - Vernier / Digital / Dial (L.C.: 0.01 mm)	Using Slip Gauge Set, Caliper Checker, Dial Test Indicator and Surface Plate by Comparison Method	0 to 300 mm	14 µm
75	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge - Vernier / Digital / Dial (L.C.: 0.01 mm)	Using Slip Gauge Set, Caliper Checker, Dial Test Indicator and Surface Plate by Comparison Method	0 to 600 mm	14.2 µm
76	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Measuring Steel Scale, Steel Ruler (L.C.: 1 mm)	Using Tape & Scale Measuring Machine by Direct Method	0 to 1000 mm	284.23 µm

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4061	**Page No**	14 of 49
Validity	24/09/2024 to 23/09/2026	**Last Amended on**	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
77	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Measuring Tape, Pie Tape, Steel Tape, Woven Metallic, Glass Fiber Tape (L.C.: 0.5 mm & Coarser)	Using Tape & Scale Measuring Machine by Direct Method	0 to 50 m	285 x sqrt (L) µm, where L is in meter
78	MECHANICAL-PRESSURE INDICATING DEVICES	Analog / Digital - Pressure Gauge, Pressure Transmitter, Pressure Controller, Pressure Transducer, Pressure Switch - Hydraulic Medium	Using Digital Pressure Gauge, Digital Multimeter & Pressure Comparator by Comparison Method DKD-R 6-1	0 to 700 bar	2.1 bar
79	MECHANICAL-PRESSURE INDICATING DEVICES	Analog / Digital - Pressure Gauge, Pressure Transmitter, Pressure Controller, Pressure Transducer, Pressure Switch - Hydraulic Medium	Using Digital Pressure Gauge, Digital Multimeter & Pressure Comparator by Comparison Method DKD-R 6-1	0 to 70 bar	0.16 bar

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4061	**Page No**	15 of 49
Validity	24/09/2024 to 23/09/2026	**Last Amended on**	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
80	MECHANICAL-PRESSURE INDICATING DEVICES	Analog / Digital - Pressure Gauge, Pressure Transmitter, Pressure Transducer, Pressure Switch - Pneumatic Medium	Using Digital Pressure Gauge, Digital Multimeter & Pressure Comparator by Comparison Method DKD-R 6-1	0 to 30 bar	0.071 bar
81	MECHANICAL-PRESSURE INDICATING DEVICES	Digital / Analog - Vacuum Gauge, Vacuum Transmitter, Vacuum Transducer - Pneumatic Medium	Using Digital Pressure Gauge, Digital Multimeter & Vacuum Pump by Comparison Method DKD-R 6-1	(-) 0.9 bar to 0 bar	0.008 bar
82	MECHANICAL-VOLUME	Measuring Cylinder, Volumetric Flask @ 27 °C	Using Weighing Balance (Readability : 10 mg) and Distilled Water by Gravimetric Method as per ISO 4787:2021	> 1000 ml to 5000 ml	1.4 ml
83	MECHANICAL-VOLUME	Measuring Cylinder, Volumetric Flask @ 27 °C	Using Weighing Balance (Readability : 100 mg) and Distilled Water by Gravimetric Method as per ISO 4787:2021	> 5000 ml to 10000 ml	2.6 ml

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4061	**Page No**	16 of 49
Validity	24/09/2024 to 23/09/2026	**Last Amended on**	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
84	MECHANICAL-VOLUME	Micropipette @ 27 °C	Using Weighing Balance (Readability : 0.01 mg) and Distilled Water by Gravimetric Method as per ISO 8655-6:2022	100 µl to 1000 µl	0.75 µl
85	MECHANICAL-VOLUME	Pipette, Burette, Measuring Cylinder, Volumetric Flask @ 27 °C	Using Weighing Balance (Readability : 0.01 mg) and Distilled Water by Gravimetric Method as per ISO 4787:2021	> 10 ml to 50 ml	0.5 ml
86	MECHANICAL-VOLUME	Pipette, Burette, Measuring Cylinder, Volumetric Flask @ 27 °C	Using Weighing Balance (Readability : 1 mg) and Distilled Water by Gravimetric Method as per ISO 4787:2021	> 200 ml to 500 ml	0.2 ml
87	MECHANICAL-VOLUME	Pipette, Burette, Measuring Cylinder, Volumetric Flask @ 27 °C	Using Weighing Balance (Readability : 0.1 mg) and Distilled Water by Gravimetric Method as per ISO 4787:2021	> 50 ml to 200 ml	0.5 ml

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4061	**Page No**	17 of 49
Validity	24/09/2024 to 23/09/2026	**Last Amended on**	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
88	MECHANICAL-VOLUME	Pipette, Burette, Measuring Cylinder, Volumetric Flask @ 27 °C	Using Weighing Balance (Readability : 0.01 mg) and Distilled Water by Gravimetric Method as per ISO 4787:2021	1 ml to 10 ml	3.2 µl
89	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Balance Accuracy Class I and Coarser (Readability: 0.1 mg)	Using E1 Class Weights by Comparison Method as per OIML R 76-1	0 to 220 g	0.3 mg
90	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Balance Accuracy Class I and Coarser (Readability: 0.1 mg)	Using E1 Class Weights by Comparison Method as per OIML R 76-1	0 to 75 g	0.3 mg
91	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Balance Accuracy Class II and Coarser (Readability: 10 mg)	Using E1 & F1 Class Weights by Comparison Method as per OIML R 76-1	0 to 6 kg	500 mg
92	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Balance Accuracy Class III and Coarser (Readability: 100 mg)	Using E1 & F1 Class Weights by Comparison Method as per OIML R 76-1	0 to 25 kg	0.3 g
93	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Balance Accuracy Class IIII (Readability: 5 g)	Using E1 & F1 Class Weights by Comparison Method as per OIML R 76-1	0 to 100 kg	6.4 g

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	CC-4061
Page No	18 of 49
Validity	24/09/2024 to 23/09/2026
Last Amended on	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
94	MECHANICAL-WEIGHTS	Accuracy Class F1 & Coarser	Using E1 Class Weight, Mass Comparator of Range 80 g (Readability : 0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R 111-1	1 g	0.02 mg
95	MECHANICAL-WEIGHTS	Accuracy Class F1 & Coarser	Using E1 Class Weight, Mass Comparator of Range 80 g (Readability : 0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R 111-1	10 g	0.03 mg
96	MECHANICAL-WEIGHTS	Accuracy Class F1 & Coarser	Using E1 Class Weight, Mass Comparator of Range 220 g (Readability : 0.1 mg) by Substitution Method (ABBA Cycle) as per OIML R 111-1	100 g	0.1 mg

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	CC-4061
Page No	19 of 49
Validity	24/09/2024 to 23/09/2026
Last Amended on	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
97	MECHANICAL-WEIGHTS	Accuracy Class F1 & Coarser	Using E1 Class Weight, Mass Comparator of Range 80 g (Readability : 0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R 111-1	100 mg	0.012 mg
98	MECHANICAL-WEIGHTS	Accuracy Class F1 & Coarser	Using E1 Class Weight, Mass Comparator of Range 80 g (Readability : 0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R 111-1	2 g	0.03 mg
99	MECHANICAL-WEIGHTS	Accuracy Class F1 & Coarser	Using E1 Class Weight, Mass Comparator of Range 80 g (Readability : 0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R 111-1	20 g	0.05 mg

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	CC-4061
Page No	20 of 49
Validity	24/09/2024 to 23/09/2026
Last Amended on	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
100	MECHANICAL-WEIGHTS	Accuracy Class F1 & Coarser	Using E1 Class Weight, Mass Comparator of Range 220 g (Readability : 0.1 mg) by Substitution Method (ABBA Cycle) as per OIML R 111-1	200 g	0.2 mg
101	MECHANICAL-WEIGHTS	Accuracy Class F1 & Coarser	Using E1 Class Weight, Mass Comparator of Range 80 g (Readability : 0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R 111-1	200 mg	0.012 mg
102	MECHANICAL-WEIGHTS	Accuracy Class F1 & Coarser	Using E1 Class Weight, Mass Comparator of Range 80 g (Readability : 0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R 111-1	5 g	0.03 mg

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	CC-4061
Page No	21 of 49
Validity	24/09/2024 to 23/09/2026
Last Amended on	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
103	MECHANICAL-WEIGHTS	Accuracy Class F1 & Coarser	Using E1 Class Weight, Mass Comparator of Range 80 g (Readability : 0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R 111-1	50 g	0.05 mg
104	MECHANICAL-WEIGHTS	Accuracy Class F1 & Coarser	Using E1 Class Weight, Mass Comparator of Range 80 g (Readability : 0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R 111-1	50 mg	0.012 mg
105	MECHANICAL-WEIGHTS	Accuracy Class F1 & Coarser	Using E1 Class Weight, Mass Comparator of Range 80 g (Readability : 0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R 111-1	500 mg	0.02 mg

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	CC-4061
Page No	22 of 49
Validity	24/09/2024 to 23/09/2026
Last Amended on	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
106	MECHANICAL-WEIGHTS	Accuracy Class F2 & Coarser	Using E1 Class Weight, Mass Comparator of Range 80 g (Readability : 0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R 111-1	1 mg	0.012 mg
107	MECHANICAL-WEIGHTS	Accuracy Class F2 & Coarser	Using E1 Class Weight, Mass Comparator of Range 80 g (Readability : 0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R 111-1	10 mg	0.012 mg
108	MECHANICAL-WEIGHTS	Accuracy Class F2 & Coarser	Using E1 Class Weight, Mass Comparator of Range 80 g (Readability : 0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R 111-1	2 mg	0.012 mg

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	CC-4061
Page No	23 of 49
Validity	24/09/2024 to 23/09/2026
Last Amended on	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
109	MECHANICAL-WEIGHTS	Accuracy Class F2 & Coarser	Using E1 Class Weight, Mass Comparator of Range 80 g (Readability : 0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R 111-1	20 mg	0.012 mg
110	MECHANICAL-WEIGHTS	Accuracy Class F2 & Coarser	Using F1 Class Weight, Mass Comparator of Range 6 kg (Readability : 0.01 g) by Substitution Method (ABBA Cycle) as per OIML R 111-1	5 kg	22 mg
111	MECHANICAL-WEIGHTS	Accuracy Class F2 & Coarser	Using E1 Class Weight, Mass Comparator of Range 80 g (Readability : 0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R 111-1	5 mg	0.012 mg

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4061	**Page No**	24 of 49
Validity	24/09/2024 to 23/09/2026	**Last Amended on**	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
112	MECHANICAL-WEIGHTS	Accuracy Class M1 & Coarser	Using F1 Class Weight, Mass Comparator of Range 1 kg (Readability : 1 mg) by Substitution Method (ABBA Cycle) as per OIML R 111-1	1 kg	15 mg
113	MECHANICAL-WEIGHTS	Accuracy Class M1 & Coarser	Using F1 Class Weight, Mass Comparator of Range 25 kg (Readability : 0.1 g) by Substitution Method (ABBA Cycle) as per OIML R 111-1	20 kg	121 mg
114	MECHANICAL-WEIGHTS	Accuracy Class M1 & Coarser	Using F1 Class Weight, Mass Comparator of Range 25 kg (Readability : 0.1 g) by Substitution Method (ABBA Cycle) as per OIML R 111-1	10 kg	121 mg

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4061	**Page No**	25 of 49
Validity	24/09/2024 to 23/09/2026	**Last Amended on**	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
115	MECHANICAL-WEIGHTS	Accuracy Class M1 & Coarser	Using F1 Class Weight, Mass Comparator of Range 6 kg (Readability : 0.01 g) by Substitution Method (ABBA Cycle) as per OIML R 111-1	2 kg	15 mg
116	MECHANICAL-WEIGHTS	Accuracy Class M2 & Coarser	Using F1 Class Weight, Mass Comparator of Range 1 kg (Readability : 1 mg) by Substitution Method (ABBA Cycle) as per OIML R 111-1	500 g	10 mg
117	MECHANICAL-WEIGHTS	Accuracy Class M3	Using F1 Class Weight, Mass Comparator of Range 100 kg (Readability : 5 g) by Substitution Method (ABBA Cycle) as per OIML R 111-1	50 kg	6000 mg

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4061	**Page No**	26 of 49
Validity	24/09/2024 to 23/09/2026	**Last Amended on**	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
118	THERMAL-SPECIFIC HEAT & HUMIDITY	Digital & Analog Hygrometer, Humidity / Temperature Sensor with Indicator / Controller/ Recorder / Data Logger ,Transmitter, Thermo-Hygrometer @ 50 %RH	Using 4 Wire RTD (PT 100) with 6½ Digit Multimeter, RH Indicator with Sensor & Temperature / Humidity Chamber by Comparison Method	5 °C to 60 °C	0.35 °C
119	THERMAL-SPECIFIC HEAT & HUMIDITY	Digital & Analog Hygrometer, RH Sensor / Transmitter with Controller / Indicator / Recorder / Data Logger @ 25°C	Using RH Sensor with Indicator, 6½ Digit Multimeter & Temperature / Humidity Chamber by Comparison Method	30 %RH to 95 %RH	1.71 %RH
120	THERMAL-SPECIFIC HEAT & HUMIDITY	Humidity Chamber / Environment Chamber - Multi Position (Minimum 9 Sensors) @ 25°C	Using RH Transmitter Sensors & Data Logger by Comparison Method	10 % RH to 95 % RH	2 % RH
121	THERMAL-SPECIFIC HEAT & HUMIDITY	Indicator with Sensor of Humidity Chamber / Generation Chamber - Single Position @ 25°C	Using RH Sensor with Indicator by Comparison Method	10 %RH to 95 %RH	1.65 %RH

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4061	**Page No**	27 of 49
Validity	24/09/2024 to 23/09/2026	**Last Amended on**	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
122	THERMAL-TEMPERATURE	Industrial Furnace - Multi Position (Minimum 9 Sensors)	Using Multi-Point Data Logger with N Type Thermocouples by Comparison Method	500 °C to 1200 °C	6.23 °C
123	THERMAL-TEMPERATURE	Industrial Furnace, Oven - Multi Position (Minimum 9 Sensors)	Using Multi-Point Data Logger with N Type Thermocouples by Comparison Method	250 °C to 500 °C	2.54 °C
124	THERMAL-TEMPERATURE	Liquid in Glass Thermometer	Using 4 Wire RTD (PT 100) with 6½ Digit Multimeter & Low Temperature Bath (Methane Oil - Medium) by Comparison Method	(-) 40 °C to 50 °C	0.69 °C
125	THERMAL-TEMPERATURE	Liquid in Glass Thermometer	Using 4 Wire RTD (PT 100) with 6½ Digit Multimeter & Oil bath by Comparison Method	50 °C to 250 °C	0.7 °C
126	THERMAL-TEMPERATURE	Radiation Pyrometer, IR Thermometer (Non - Contact Type) (Emissivity 0.95)	Using Radiation Pyrometer & Black Body Source by Comparison Method	> 600 °C to 900 °C	5.61 °C

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4061	**Page No**	28 of 49
Validity	24/09/2024 to 23/09/2026	**Last Amended on**	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
127	THERMAL-TEMPERATURE	Radiation Pyrometer, IR Thermometer (Non - Contact Type) (Emissivity 0.95)	Using Radiation Pyrometer & Black Body Source by Comparison Method	50 °C to 600 °C	4.3 °C
128	THERMAL-TEMPERATURE	Temperature Gauge, Digital Thermometer, RTD, Thermocouple with & without Controller / Indicator / Data Logger / Recorder / Transmitter	Using 4 Wire RTD (PT 100) with 6½ Digit Multimeter & Cryobath (Liquid Nitrogen) by Comparison Method	(-) 196 °C	0.95 °C
129	THERMAL-TEMPERATURE	Temperature Gauge, Digital Thermometer, RTD, Thermocouple with & without Controller / Indicator / Data Logger / Recorder / Transmitter	Using 4 Wire RTD (PT 100) with 6½ Digit Multimeter & Dry Block Furnace by Comparison Method	250 °C to 300 °C	1.3 °C
130	THERMAL-TEMPERATURE	Temperature Gauge, Digital Thermometer, RTD, Thermocouple with & without Controller / Indicator / Data Logger / Recorder / Transmitter	Using 4 Wire RTD (PT 100) with 6½ Digit Multimeter & Oil Bath by Comparison Method	50 °C to 250 °C	0.35 °C

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4061	**Page No**	29 of 49
Validity	24/09/2024 to 23/09/2026	**Last Amended on**	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
131	THERMAL-TEMPERATURE	Temperature Gauge, Digital Thermometer, RTD, Thermocouple with &without Controller / Indicator / Data Logger / Recorder / Transmitter	Using 4 Wire RTD (PT 100) with 6½ Digit Multimeter & Low Temperature Bath by Comparison Method	(-) 40 °C to 50 °C	0.34 °C
132	THERMAL-TEMPERATURE	Temperature Gauge, Digital Thermometer, Thermocouple with & without Controller / Indicator / Data Logger / Recorder / Transmitter	Using S Type Thermocouple with 6½ Digit Multimeter & Dry Block Furnace by Comparison Method	300 °C to 700 °C	2.21 °C
133	THERMAL-TEMPERATURE	Temperature Gauge, Digital Thermometer, Thermocouple with & without Controller / Indicator / Data Logger / Recorder / Transmitter	Using S Type Thermocouple with 6½ Digit Multimeter & Dry Block Furnace by Comparison Method	700 °C to 1200 °C	2.75 °C

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4061	**Page No**	30 of 49
Validity	24/09/2024 to 23/09/2026	**Last Amended on**	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
134	THERMAL-TEMPERATURE	Temperature Indicator with Sensor of Freezer, Oven, Environment Chamber, Liquid Bath, Oil Bath, Dry Block Furnace - Single Position	Using 4 Wire RTD (PT 100) with 6½ Digit Multimeter by Comparison Method	(-) 40 °C to 300 °C	0.4 °C
135	THERMAL-TEMPERATURE	Temperature Indicator with Sensor of Muffle Furnace, Dry Block Furnace - Single Position	Using S Type Thermocouple with 6½ Digit Multimeter by Comparison Method	300 °C to 700 °C	2.1 °C
136	THERMAL-TEMPERATURE	Temperature Indicator with Sensor of Muffle Furnace, Dry Block Furnace - Single Position	Using S Type Thermocouple with 6½ Digit Multimeter by Comparison Method	700 °C to 1200 °C	2.75 °C

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4061	**Page No**	31 of 49
Validity	24/09/2024 to 23/09/2026	**Last Amended on**	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	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-Alternating Current (< 1 GHz) (Measure)	AC Current @ 50 Hz	Using 6½ Digit Multimeter by Direct Method	100 µA to 100 mA	0.2 %
2	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 50 Hz	Using 6½ Digit Multimeter by Direct Method	100 mA to 10 A	0.2 % to 0.315 %
3	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Current @ 50 Hz	Using Current Transformer & 6½ Digit Multimeter by Direct Method	10 A to 1000 A	1.41 % to 1.903 %
4	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Voltage @ 50 Hz	Using HV Probe with DMM by Direct Method	1 kV to 28 kV	2.9 % to 2.67 %

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4061	**Page No**	32 of 49
Validity	24/09/2024 to 23/09/2026	**Last Amended on**	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
5	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 50 Hz	Using 6½ Digit Multimeter by Direct Method	10 V to 1000 V	0.11 %
6	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 50 Hz	Using 6½ Digit Multimeter by Direct Method	100 mV to 10 V	0.12 % to 0.11 %
7	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz	Using 5½ Digit Multifunction Calibrator by Direct Method	100 µA to 20 mA	0.107 % to 0.15 %
8	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz	Using 5½ Digit Multifunction Calibrator by Direct Method	2 A to 10 A	0.85 % to 0.55 %
9	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz	Using 5½ Digit Multifunction Calibrator by Direct Method	20 mA to 2 A	0.15 % to 0.85 %

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4061	**Page No**	33 of 49
Validity	24/09/2024 to 23/09/2026	**Last Amended on**	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
10	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC High Current @ 50 Hz	Using 5½ Digit Multifunction Calibrator with Current Coil (CTR 1 : 100) by Direct Method	10 A to 600 A	1.1 % to 1.172 %
11	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 50 Hz	Using 5½ Digit Multifunction Calibrator by Direct Method	1 mV to 200 mV	0.9 % to 0.1 %
12	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 50 Hz	Using 5½ Digit Multifunction Calibrator by Direct Method	200 mV to 200 V	0.1 % to 0.19 %
13	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 50 Hz	Using 5½ Digit Multifunction Calibrator by Direct Method	200 V to 1000 V	0.19 % to 0.125 %
14	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6½ Digit Multimeter by Direct Method	100 mA to 10 A	0.07 % to 0.19 %

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4061	**Page No**	34 of 49
Validity	24/09/2024 to 23/09/2026	**Last Amended on**	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
15	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6½ Digit Multimeter by Direct Method	50 µA to 100 mA	1.35 % to 0.07 %
16	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC High Current	Using Shunt and 6½ Digit Multimeter by Direct Method	10 A to 600 A	1.67 % to 1.5 %
17	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC High Voltage	Using HV Probe with 6½ DMM by Direct Method	1 kV to 35 kV	4 % to 5.21 %
18	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6½ Digit Multimeter by Direct Method	1 mV to 100 mV	0.487 % to 0.01 %
19	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6½ Digit Multimeter by Direct Method	10 V to 1000 V	0.01 % to 0.07 %
20	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6½ Digit Multimeter by Direct Method	100 mV to 10 V	0.01 %

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4061	**Page No**	35 of 49
Validity	24/09/2024 to 23/09/2026	**Last Amended on**	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
21	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance - 2 Wire	Using 6½ Digit Multimeter by Direct Method	1 Mohm to 100 Mohm	0.02 % to 0.362 %
22	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance - 2 Wire	Using 6½ Digit Multimeter by Direct Method	10 ohm to 1 Mohm	0.02 %
23	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance - 2 Wire	Using 6½ Digit Multimeter by Direct Method	100 Mohm to 1000 Mohm	0.362 % to 1.38 %
24	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance - 2 Wire @ 1000 V	Using Digital Insulation Tester by Direct Method	1 Gohm to 40 Gohm	3.84 % to 4.31 %
25	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance - 2 Wire @ 2500 V	Using Digital Insulation Tester by Direct Method	1 Gohm to 100 Gohm	3.84 % to 4.31 %
26	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance - 2 Wire @ 500 V	Using Digital Insulation Tester by Direct Method	1 Gohm to 10 Gohm	3.84 % to 4.31 %

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4061	**Page No**	36 of 49
Validity	24/09/2024 to 23/09/2026	**Last Amended on**	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
27	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance - 2 Wire @ 5000 V	Using Digital Insulation Tester by Direct Method	1 Gohm to 1 Tohm	3.84 % to 4.31 %
28	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance - 4 Wire	Using Digital Micro Ohm Meter by Direct Method	1 mohm to 10 ohm	1.5 %
29	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance - 4 Wire	Using Digital Micro Ohm Meter by Direct Method	50 µohm to 1 mohm	1.5 %
30	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using 5½ Digit Multifunction Calibrator by Direct Method	100 µA to 20 mA	1.47 % to 0.197 %
31	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using 5½ Digit Multifunction Calibrator by Direct Method	2 A to 10 A	0.15 % to 0.165 %
32	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using 5½ Digit Multifunction Calibrator by Direct Method	20 mA to 2 A	0.197 % to 0.15 %

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4061	**Page No**	37 of 49
Validity	24/09/2024 to 23/09/2026	**Last Amended on**	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
33	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC High Current	Using 5½ Digit Multifunction Calibrator with Current Coil (CTR 1 : 100) by Direct Method	10 A to 600 A	0.1 % to 0.68 %
34	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using 5½ Digit Multifunction Calibrator by Direct Method	1 mV to 200 mV	0.73 % to 0.011 %
35	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using 5½ Digit Multifunction Calibrator by Direct Method	200 mV to 200 V	0.011 % to 0.025 %
36	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using 5½ Digit Multifunction Calibrator by Direct Method	200 V to 1000 V	0.025 % to 0.01 %
37	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	RTD (PT 100)	Using Digital Thermometer by Direct Method	(-) 200 °C to 500 °C	2.2 °C

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4061	**Page No**	38 of 49
Validity	24/09/2024 to 23/09/2026	**Last Amended on**	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
38	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple B Type	Using Digital Thermometer by Direct Method	600 °C to 1800 °C	2.5 °C
39	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple E Type	Using Digital Thermometer by Direct Method	(-) 200 °C to 600 °C	0.91 °C
40	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple J Type	Using Digital Thermometer by Direct Method	(-) 200 °C to 1200 °C	0.7 °C
41	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple K Type	Using Digital Thermometer by Direct Method	(-) 200 °C to 1300 °C	0.7 °C
42	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple N Type	Using Digital Thermometer by Direct Method	(-) 200 °C to 1300 °C	0.83 °C
43	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple R Type	Using Digital Thermometer by Direct Method	0 to 1700 °C	1.28 °C

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4061	**Page No**	39 of 49
Validity	24/09/2024 to 23/09/2026	**Last Amended on**	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
44	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple S Type	Using Digital Thermometer by Direct Method	0 to 1700 °C	1.3 °C
45	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Thermocouple T Type	Using Digital Thermometer by Direct Method	(-) 200 °C to 400 °C	0.75 °C
46	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD (PT 100)	Using Multifunction Process Calibrator by Direct Method	(-) 200 °C to 650 °C	0.48 °C
47	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple B Type	Using Multifunction Process Calibrator by Direct Method	600 °C to 1800 °C	2.5 °C
48	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple E Type	Using Multifunction Process Calibrator by Direct Method	(-) 200 °C to 600 °C	0.6 °C
49	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple J Type	Using Multifunction Process Calibrator by Direct Method	(-) 200 °C to 1200 °C	0.47 °C

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4061	**Page No**	40 of 49
Validity	24/09/2024 to 23/09/2026	**Last Amended on**	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
50	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple K Type	Using Mutifunction Process Calibrator by Direct Method	(-) 200 °C to 1200 °C	0.7 °C
51	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple N Type	Using Multifunction Process Calibrator by Direct Method	(-) 200 °C to 1300 °C	0.71 °C
52	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple R Type	Using Multifunction Process Calibrator by Direct Method	100 °C to 1700 °C	0.8 °C
53	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple S Type	Using Multifunction Process Calibrator by Direct Method	100 °C to 1700 °C	0.93 °C
54	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Thermocouple T Type	Using Multifunction Process Calibrator by Direct Method	0 °C to 400 °C	0.49 °C
55	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Frequency	Using 6½ Digit Multimeter by Direct Method	10 Hz to 1 MHz	0.07 % to 0.06 %

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4061	**Page No**	41 of 49
Validity	24/09/2024 to 23/09/2026	**Last Amended on**	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
56	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Digital Time Calibrator by Comparison Method	100 ms to 86400 s	0.014 s to 3.9 s
57	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Frequency	Using 5½ Digit Multifunction Calibrator by Direct Method	45 Hz to 1000 Hz	0.25 %
58	MECHANICAL-ACCELERATION AND SPEED	Digital Tachometer, RPM Sensor with Indicator - Contact Type	Using Digital Tachometer, RPM Source by Comparison Method	> 100 rpm to 600 rpm	3.18 rpm
59	MECHANICAL-ACCELERATION AND SPEED	Digital Tachometer, RPM Sensor with Indicator - Contact Type	Using Digital Tachometer, RPM Source by Comparison Method	> 50 rpm to 100 rpm	2.81 rpm
60	MECHANICAL-ACCELERATION AND SPEED	Digital Tachometer, RPM Sensor with Indicator - Contact Type	Using Digital Tachometer, RPM Source by Comparison Method	> 600 rpm to 4500 rpm	12.5 rpm
61	MECHANICAL-ACCELERATION AND SPEED	Digital Tachometer, RPM Sensor with Indicator - Contact Type	Using Digital Tachometer, RPM Source by Comparison Method	10 rpm to 50 rpm	1.32 rpm
62	MECHANICAL-ACCELERATION AND SPEED	Digital Tachometer, RPM Sensor with Indicator - Non Contact Type	Using Digital Tachometer, RPM Source by Comparison Method	> 100 rpm to 600 rpm	1.75 rpm

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4061	**Page No**	42 of 49
Validity	24/09/2024 to 23/09/2026	**Last Amended on**	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
63	MECHANICAL-ACCELERATION AND SPEED	Digital Tachometer, RPM Sensor with Indicator - Non Contact Type	Using Digital Tachometer, RPM Source by Comparison Method	> 20000 rpm to 40000 rpm	24 rpm
64	MECHANICAL-ACCELERATION AND SPEED	Digital Tachometer, RPM Sensor with Indicator - Non Contact Type	Using Digital Tachometer, RPM Source by Comparison Method	> 50 rpm to 100 rpm	1.5 rpm
65	MECHANICAL-ACCELERATION AND SPEED	Digital Tachometer, RPM Sensor with Indicator - Non Contact Type	Using Digital Tachometer, RPM Source by Comparison Method	> 600 rpm to 6000 rpm	3.5 rpm
66	MECHANICAL-ACCELERATION AND SPEED	Digital Tachometer, RPM Sensor with Indicator - Non Contact Type	Using Digital Tachometer, RPM Source by Comparison Method	> 6000 rpm to 20000 rpm	12.5 rpm
67	MECHANICAL-ACCELERATION AND SPEED	Digital Tachometer, RPM Sensor with Indicator - Non Contact Type	Using Digital Tachometer, RPM Source by Comparison Method	> 60000 rpm to 90000 rpm	55 rpm
68	MECHANICAL-ACCELERATION AND SPEED	Digital Tachometer, RPM Sensor with Indicator - Non Contact Type	Using Digital Tachometer, RPM Source by Comparison Method	10 rpm to 50 rpm	1.25 rpm
69	MECHANICAL-ACCELERATION AND SPEED	Digital Tachometer, RPM Sensor with Indicator - Non Contact Type	Using Digital Tachometer, RPM Source by Comparison Method	> 40000 rpm to 60000 rpm	38 rpm

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4061	**Page No**	43 of 49
Validity	24/09/2024 to 23/09/2026	**Last Amended on**	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
70	MECHANICAL-ACOUSTICS	Sound Level Meter @ 1 kHz	Using Sound Level Calibrator by Direct Method	114 dB	0.4 dB
71	MECHANICAL-ACOUSTICS	Sound Level Meter @ 1 kHz	Using Sound Level Calibrator by Direct Method	94 dB	0.4 dB
72	MECHANICAL-PRESSURE INDICATING DEVICES	Analog / Digital - Pressure Gauge, Pressure Transmitter, Pressure Controller, Pressure Transducer, Pressure Switch - Hydraulic Medium	Using Digital Pressure Gauge, Digital Multimeter & Pressure Comparator by Comparison Method DKD-R 6-1	0 to 700 bar	2.1 bar
73	MECHANICAL-PRESSURE INDICATING DEVICES	Analog / Digital - Pressure Gauge, Pressure Transmitter, Pressure Controller, Pressure Transducer, Pressure Switch - Hydraulic Medium	Using Digital Pressure Gauge, Digital Multimeter & Pressure Comparator by Comparison Method DKD-R 6-1	0 to 70 bar	0.16 bar

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4061	**Page No**	44 of 49
Validity	24/09/2024 to 23/09/2026	**Last Amended on**	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
74	MECHANICAL-PRESSURE INDICATING DEVICES	Analog / Digital - Pressure Gauge, Pressure Transmitter, Pressure Transducer, Pressure Switch - Pneumatic Medium	Using Digital Pressure Gauge, Digital Multimeter & Pressure Comparator by Comparison Method DKD-R 6-1	0 to 30 bar	0.071 bar
75	MECHANICAL-PRESSURE INDICATING DEVICES	Digital / Analog - Vacuum Gauge, Vacuum Transmitter, Vacuum Transducer - Pneumatic Medium	Using Digital Pressure Gauge, Digital Multimeter & Vacuum Pump by Comparison Method DKD-R 6-1	(-) 0.9 bar to 0 bar	0.008 bar
76	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Balance Accuracy Class I and Coarser (Readability: 0.1 mg)	Using E1 Class Weights by Comparison Method as per OIML R 76-1	0 to 220 g	0.3 mg
77	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Balance Accuracy Class I and Coarser (Readability: 0.1 mg)	Using E1 Class Weights by Comparison Method as per OIML R 76-1	0 to 75 g	0.3 mg
78	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Balance Accuracy Class II and Coarser (Readability: 10 mg)	Using E1 & F1 Class Weights by Comparison Method as per OIML R 76-1	0 to 6 kg	500 mg

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4061	**Page No**	45 of 49
Validity	24/09/2024 to 23/09/2026	**Last Amended on**	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
79	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Balance Accuracy Class III and Coarser (Readability: 100 mg)	Using E1 & F1 Class Weights by Comparison Method as per OIML R 76-1	0 to 25 kg	0.3 g
80	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Balance Accuracy Class IIII (Readability: 5 g)	Using E1 & F1 Class Weights by Comparison Method as per OIML R 76-1	0 to 100 kg	6.4 g
81	THERMAL-SPECIFIC HEAT & HUMIDITY	Humidity Chamber / Environment Chamber - Multi Position (Minimum 9 Sensors) @ 25°C	Using RH Transmitter Sensors & Data Logger by Comparison Method	10 % RH to 95 % RH	2 % RH
82	THERMAL-SPECIFIC HEAT & HUMIDITY	Indicator with Sensor of Humidity Chamber / Generation Chamber - Single Position @ 25°C	Using RH Sensor with Indicator by Comparison Method	10 %RH to 95 %RH	1.65 %RH
83	THERMAL-TEMPERATURE	Autoclave (For Non Medical Purpose Only) - Multi Position (Minimum 9 Sensors)	Using Multi-Point Data Logger with RTD (PT 100) Sensor by Comparison Method	120 °C to 138 °C	0.6 °C

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4061	**Page No**	46 of 49
Validity	24/09/2024 to 23/09/2026	**Last Amended on**	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
84	THERMAL-TEMPERATURE	Freezer, Cold Chamber, Oven, Environmental Chamber , Deep Freezer - Multi Position (Minimum 9 Sensors)	Using Multi-Point Data Logger with RTD (PT 100) Sensor by Comparison Method	(-) 80 °C to 250 °C	0.72 °C
85	THERMAL-TEMPERATURE	Incubator, BOD Incubator (For Non Medical Purpose Only) - Multi Position (Minimum 9 Sensors)	Using Multi-Point Data Logger with RTD (PT 100) Sensor by Comparison Method	5 °C to 60 °C	0.51 °C
86	THERMAL-TEMPERATURE	Industrial Furnace - Multi Position (Minimum 9 Sensors)	Using Multi-Point Data Logger with N Type Thermocouples by Comparison Method	500 °C to 1200 °C	6.23 °C
87	THERMAL-TEMPERATURE	Industrial Furnace, Oven - Multi Position (Minimum 9 Sensors)	Using Multi-Point Data Logger with N Type Thermocouples by Comparison Method	250 °C to 500 °C	2.54 °C
88	THERMAL-TEMPERATURE	Liquid in Glass Thermometer	Using 4 Wire RTD (PT 100) with 6½ Digit Multimeter & Low Temperature Bath (Methane Oil - Medium) by Comparison Method	(-) 40 °C to 50 °C	0.69 °C

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4061	**Page No**	47 of 49
Validity	24/09/2024 to 23/09/2026	**Last Amended on**	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
89	THERMAL-TEMPERATURE	Liquid in Glass Thermometer	Using 4 Wire RTD (PT 100) with 6½ Digit Multimeter & Oil bath by Comparison Method	50 °C to 250 °C	0.7 °C
90	THERMAL-TEMPERATURE	Temperature Gauge, Digital Thermometer, RTD, Thermocouple with & without Controller / Indicator / Data Logger / Recorder / Transmitter	Using 4 Wire RTD (PT 100) with 6½ Digit Multimeter & Cryobath (Liquid Nitrogen) by Comparison Method	(-) 196 °C	0.95 °C
91	THERMAL-TEMPERATURE	Temperature Gauge, Digital Thermometer, RTD, Thermocouple with & without Controller / Indicator / Data Logger / Recorder / Transmitter	Using 4 Wire RTD (PT 100) with 6½ Digit Multimeter & Dry Block Furnace by Comparison Method	250 °C to 300 °C	1.3 °C
92	THERMAL-TEMPERATURE	Temperature Gauge, Digital Thermometer, RTD, Thermocouple with & without Controller / Indicator / Data Logger / Recorder / Transmitter	Using 4 Wire RTD (PT 100) with 6½ Digit Multimeter & Oil Bath by Comparison Method	50 °C to 250 °C	0.35 °C

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4061	**Page No**	48 of 49
Validity	24/09/2024 to 23/09/2026	**Last Amended on**	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
93	THERMAL-TEMPERATURE	Temperature Gauge, Digital Thermometer, RTD, Thermocouple with &without Controller / Indicator / Data Logger / Recorder / Transmitter	Using 4 Wire RTD (PT 100) with 6½ Digit Multimeter & Low Temperature Bath by Comparison Method	(-) 40 °C to 50 °C	0.34 °C
94	THERMAL-TEMPERATURE	Temperature Gauge, Digital Thermometer, Thermocouple with & without Controller / Indicator / Data Logger / Recorder / Transmitter	Using S Type Thermocouple with 6½ Digit Multimeter & Dry Block Furnace by Comparison Method	300 °C to 700 °C	2.21 °C
95	THERMAL-TEMPERATURE	Temperature Gauge, Digital Thermometer, Thermocouple with & without Controller / Indicator / Data Logger / Recorder / Transmitter	Using S Type Thermocouple with 6½ Digit Multimeter & Dry Block Furnace by Comparison Method	700 °C to 1200 °C	2.75 °C

SCOPE OF ACCREDITATION

Laboratory Name :	QTEX CALIBRATION LAB, QTEX INSTRUMENTS PVT. LTD., F-9, FIRST FLOOR, BPTP NEXT DOOR, SECTOR-76, GREATER FARIDABAD, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4061	**Page No**	49 of 49
Validity	24/09/2024 to 23/09/2026	**Last Amended on**	22/10/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
96	THERMAL-TEMPERATURE	Temperature Indicator with Sensor of Freezer, Environment Chamber, Liquid Bath, Dry Block Temperature Calibrator - Single Position	Using 4 Wire RTD (PT 100) with 6½ Digit Multimeter by Comparison Method	(-) 80 °C to (-) 40 °C	0.4 °C
97	THERMAL-TEMPERATURE	Temperature Indicator with Sensor of Freezer, Oven, Environment Chamber, Liquid Bath, Oil Bath, Dry Block Furnace - Single Position	Using 4 Wire RTD (PT 100) with 6½ Digit Multimeter by Comparison Method	(-) 40 °C to 300 °C	0.4 °C
98	THERMAL-TEMPERATURE	Temperature Indicator with Sensor of Muffle Furnace, Dry Block Furnace - Single Position	Using S Type Thermocouple with 6½ Digit Multimeter by Comparison Method	300 °C to 700 °C	2.1 °C
99	THERMAL-TEMPERATURE	Temperature Indicator with Sensor of Muffle Furnace, Dry Block Furnace - Single Position	Using S Type Thermocouple with 6½ Digit Multimeter by Comparison Method	700 °C to 1200 °C	2.75 °C

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