National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : EXTREME TECHNOLOGY & SOLUTIONS, PLOT NO. 49, GUT NO.90/1, KHANDESHWAR HOUSING SOCIETY, BEED BYPASS ROAD, SATARA PARISAR, AURANGABAD, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3485 **Page No** 1 of 6

Validity 28/09/2022 to 27/09/2024 **Last Amended on** -

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	THERMAL-TEMPERATURE	Deep Freezer / Freezer	Using minimum 09 RTD-Pt100 Temperature Sensors with Multi-Channel Data Logger by Multi-position calibration method	-25 °C to 10 °C	2.4°C
2	THERMAL-TEMPERATURE	Furnace / Oven / Temperature Chamber / Autoclave (Non- Medical use)	Using minimum 09 RTD-Pt100 Temperature Sensors with Multi-Channel Data Logger by Multi-position calibration method	50 °C to 300 °C	3.7°C
3	THERMAL-TEMPERATURE	Incubator (Non-Medical use)	Using minimum 09 RTD-Pt100 Temperature Sensors with Multi-Channel Data Logger by Multi-position calibration method	10 °C to 60 °C	1.2°C

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4	THERMAL-TEMPERATURE	RTD / Thermocouple Temperature Sensors with Indicator / Controller / Data Logger / Scanner / Recorder, Digital Thermometer, Temperature Indicator with probe	Using Precision Thermometer with Dry Block Calibrator as a Source, by Comparison Method.	-25 °C to 50 °C	0.91°C
5	THERMAL-TEMPERATURE	RTD / Thermocouple Temperature Sensors with Indicator / Controller / Data Logger / Scanner / Recorder, Digital Thermometer, Temperature Indicator with probe	Using Precision Thermometer with Dry Block Calibrator as a Source, by Comparison Method.	50 °C to 400 °C	0.91°C

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6	THERMAL-TEMPERATURE	Temperature Sensor with Indicator / Controller of Dry Block Bath / Water Bath / Freeze / Deep Freezer / Oven / Temperature Furnace / Incubator (Non-Medical use) / Autoclave (Non-Medical use) (Single Position calibration) by Comparison method	Using Precision Thermometer by Comparison Method.	-25 °C to 400 °C	1°C

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Site Facility					
1	THERMAL-TEMPERATURE	Deep Freezer / Freezer	Using minimum 09 RTD-Pt100 Temperature Sensors with Multi-Channel Data Logger by Multi-position calibration method	-25 °C to 10 °C	2.4°C
2	THERMAL-TEMPERATURE	Furnace / Oven / Temperature Chamber / Autoclave (Non- Medical use)	Using minimum 09 RTD-Pt100 Temperature Sensors with Multi-Channel Data Logger by Multi-position calibration method	50 °C to 300 °C	3.7°C
3	THERMAL-TEMPERATURE	Incubator (Non-Medical use)	Using minimum 09 RTD-Pt100 Temperature Sensors with Multi-Channel Data Logger by Multi-position calibration method	10 °C to 60 °C	1.2°C

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4	THERMAL-TEMPERATURE	RTD / Thermocouple Temperature Sensors with Indicator / Controller / Data Logger / Scanner / Recorder, Digital Thermometer, Temperature Indicator with probe	Using Precision Thermometer with Dry Block Calibrator as a Source, by Comparison Method.	-25 °C to 50 °C	0.91°C
5	THERMAL-TEMPERATURE	RTD / Thermocouple Temperature Sensors with Indicator / Controller / Data Logger / Scanner / Recorder, Digital Thermometer, Temperature Indicator with probe	Using Precision Thermometer with Dry Block Calibrator as a Source, by Comparison Method.	50 °C to 400 °C	0.91°C

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6	THERMAL-TEMPERATURE	Temperature Sensor with Indicator / Controller of Dry Block Bath / Water Bath / Freeze / Deep Freezer / Oven / Temperature Furnace / Incubator (Non-Medical use) / Autoclave (Non-Medical use) (Single Position calibration) by Comparison method	Using Precision Thermometer by Comparison Method.	-25 °C to 400 °C	1°C

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