



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name ACE TECHNO SERVICES, FLAT NO 1, SHOP NO 4 & 6, PLOT NO 7, AURANGABAD, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-2114 Page No. : 1 / 4

Validity 19/03/2019 to 18/03/2021 Last Amended on 12/04/2019

S.No	Discipline / Group	Quantity Measured/ Instrument	Range / Frequency	* Calibration Measurement Capability(±)	Remarks
Permanent Facility					
1	MECHANICAL-ACOUSTICS	Sound Level Meters	94 & 114 dB to dB	0.62dB	Using Sound Calibrator by Direct Method
2	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic :- Dial& Digital Pressure Gauges , Pressure Transmitter , Pressure Switches	0 bar to 10 bar	0.12bar	Using Digital Pressure Gauge with Hydraulic Pump by Comparison Method based on DKD-R-6-1
3	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic :- Dial& Digital Pressure Gauges , Pressure Transmitter , Pressure Switches	10 bar to 39 bar	0.12bar	Using Digital Pressure Gauge with Hydraulic Pump by Comparison Method based on DKD-R-6-1
4	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic :- Dial& Digital Pressure Gauges , Pressure Transmitter , Pressure Switches	39 bar to 400 bar	1.23bar	Using Digital Pressure Gauge with Hydraulic Pump by Comparison Method based on DKD-R-6-1
5	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic:- Dial& Digital Pressure Gauges , Pressure Transmitter , Pressure Switches	0 bar to 10 bar	0.042bar	Using Digital Pressure Gauge with Pneumatic Pump by Comparison Method based on DKD-R-6-1
6	THERMAL- SPECIFIC HEAT & HUMIDITY	Hot chamber/oven/incubator	50 °C to 250 °C	1.6°C	Using RTDS (Minimum 9) sensors Data logger with logging of temperature data of Multipoint in UUC.



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S.No	Discipline / Group	Quantity Measured/ Instrument	Range / Frequency	* Calibration Measurement Capability(±)	Remarks
7	THERMAL- SPECIFIC HEAT & HUMIDITY	Refrigerator/cold chamber/oven/incubator/Freeze/Freezer	-30 °C to 50 °C	1°C	Using RTDS (Minimum 9) sensors Data logger with logging of temperature data of Multipoint in UUC.
8	THERMAL- SPECIFIC HEAT & HUMIDITY	Thermal/RH/Thermo-Hygrometers/Air Suspended Thermoemter/Hygrometer/ Temperature and RH Sensor - With / Without Indicator.	15 °C to 50 °C	0.5°C	Using Standard 4 Wire RTD with Indicator(TJB) and Temperature bath by Comparison Method
9	THERMAL- SPECIFIC HEAT & HUMIDITY	Thermal/RH/Thermo-Hygrometers/Air Suspended Thermometer/Hygrometer/ Temperature and RH Sensor - With / Without Indicator.	30%RH@25°C to 90%RH@25°C	2.22%RH	Using Digital Humidity Meter and Humidity Bath, Fixed Point Salts, By comparison Method
10	THERMAL- TEMPERATURE	RTD/Thermocouple/ Temperature Sensors With or Without Indicators #	40 °C to 400 °C	0.5°C	Using Standard 4-Wire RTD with Indicator(TJB) and Dry Well Bath by Comparison Method.
11	THERMAL- TEMPERATURE	RTD/Thermocouple/ Temperature Sensors With or Without Indicators #	400 °C to 700 °C	1.1°C	Using Standard S Type TC with Indicator (TJB) and dry well baths by Comparison Method
12	THERMAL- TEMPERATURE	Thermocouple/ Temperature Sensors With or Without Indicators #	700 °C to 900 °C	2.6°C	Using Standard S Type TC with Indicator (TJB) and dry well baths by Comparison Method



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Site Facility					
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2	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic :- Dial& Digital Pressure Gauges , Pressure Transmitter , Pressure Switches	0 bar to 10 bar	0.12bar	Using Digital Pressure Gauge with Hydraulic Pump by Comparison Method based on DKD-R-6-1
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