



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

YOUNG ENGG & CALIBRATRIION SERVICES PVT LTD, RCC BUILDING, GROUND FLOOR, SOUTH SARANIA, GUWAHATI, ASSAM, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

CC-3164

Page No

1 of 4

Validity

13/10/2020 to 12/10/2022

Last Amended on

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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	THERMAL-TEMPERATURE	RTD/ Thermocouple with/ without Indicator, Temp. Gauge, Temp. controller/ Switch, Digital Thermometer with sensor.	Using Std. RTD & DAS: Peltier Bath	(-) 25 °C to 140 °C	0.4°C
2	THERMAL-TEMPERATURE	RTD/ Thermocouple with/ without Indicator, Temp. Gauge, Temp. controller/ Switch, Digital Thermometer with sensor.	Using Std. RTD & DAS: Dry Block Bat	> 140 °C to 300 °C	0.68 °C
3	THERMAL-TEMPERATURE	RTD/ Thermocouple with/ without Indicator, Temp. Gauge, Temp. controller/ Switch, Digital Thermometer with sensor.	Using R type TC & DAS: Dry Block Bath	> 300 °C to 600 °C	2.10 °C
4	THERMAL-TEMPERATURE	Temp. Controller/ Indicator/ Recorder with sensor of Bath, Furnace, Oven etc. (Single Point Calibration)	Using PRT & DAS	(-25) °C to 300 °C	0.5 °C



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5	THERMAL-TEMPERATURE	Temp. Controller/ Indicator/ Recorder with Sensor of Bath, Furnace, Oven etc. (Single Point Calibration)	Using TC & DAS	300 °C to 1200 °C	3.86 °C
6	THERMAL-TEMPERATURE	Thermal Chamber (Freezer, Bath, Oven, Furnace, Incubator etc.) Multi point Calibration	Using RTD & DAS	-(20) °C to 300 °C	3.62 °C
7	THERMAL-TEMPERATURE	Thermocouple with/ without Indicator, Temp. Gauge, Temp. controller/ Switch, Digital Thermometer with sensor.	Using R type TC & DAS	> 600 °C to 1200 °C	3.78 °C



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