



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

**YOUNG ENGG & CALIBRATION SERVICES PRIVATE
LIMITED**

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

1ST FLOOR, FLAT NO.-102, HIMACHAL ONE APARTMENT, BADDI, SOLAN, HIMACHAL PRADESH,
INDIA

in the field of

CALIBRATION

Certificate Number: CC-3861

Issue Date: 19/03/2026

Valid Until: 18/03/2030

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.
(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: YOUNG ENGG & CALIBRATION SERVICES PRIVATE LIMITED

Signed for and on behalf of NABL



Anita Rani
Director

Dr. Ramanand N. Shukla
Chief Executive Officer



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

YOUNG ENGG & CALIBRATION SERVICES PRIVATE LIMITED, 1ST FLOOR,
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PRADESH, INDIA

Accreditation Standard

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Validity

19/03/2026 to 18/03/2030

Last Amended on

07/04/2026

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	MECHANICAL-ACCELERATION AND SPEED	Centrifuge, RPM Generator / RPM Source (Non-Contact Type)	Using Standard Non Contact Tachometer by Direct Method	> 1000 rpm to 6000 rpm	7.85 rpm
2	MECHANICAL-ACCELERATION AND SPEED	Centrifuge, RPM Generator / RPM Source (Non-Contact Type)	Using Standard Non Contact Tachometer by Direct Method	500 rpm to 1000 rpm	6.2 rpm
3	MECHANICAL-ACCELERATION AND SPEED	Tachometer (Non-Contact Type)	Using Standard Tachometer & RPM Generator by Comparison Method	> 100 rpm to 500 rpm	2.5 rpm
4	MECHANICAL-ACCELERATION AND SPEED	Tachometer (Non-Contact Type)	Using Standard Tachometer & RPM Generator by Comparison Method	> 1000 rpm to 6000 rpm	28 rpm
5	MECHANICAL-ACCELERATION AND SPEED	Tachometer (Non-Contact Type)	Using Standard Tachometer & RPM Generator by Comparison Method	> 25000 rpm to 90000 rpm	430 rpm
6	MECHANICAL-ACCELERATION AND SPEED	Tachometer (Non-Contact Type)	Using Standard Tachometer & RPM Generator by Comparison Method	> 500 rpm to 1000 rpm	4.7 rpm
7	MECHANICAL-ACCELERATION AND SPEED	Tachometer (Non-Contact Type)	Using Standard Tachometer & RPM Generator by Comparison Method	> 6000 rpm to 8500 rpm	40 rpm
8	MECHANICAL-ACCELERATION AND SPEED	Tachometer (Non-Contact Type)	Using Standard Tachometer & RPM Generator by Comparison Method	> 8500 rpm to 25000 rpm	116 rpm



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9	MECHANICAL-ACCELERATION AND SPEED	Tachometer (non-contact type)	Using Standard Tachometer & RPM Generator by Comparison Method	20 rpm to 100 rpm	1.7 rpm
10	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Medium: Pressure Gauge, Differential Pressure Gauge, Pressure Switch, Pressure Transducer, Pressure Transmitter & Pressure Calibrator	Using Pressure Gauge, Process Calibrator and Hydraulic Comparator by Comparison Method as per DKD R6-1	0 to 1200 bar	$Q(5.77E - 02 \text{ bar}, 0.22 \% \text{ rdg})$ Where $Q [a, b] = [a^2 + b^2]^{0.5}$
11	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Medium: Pressure Gauge, Differential Pressure Gauge, Pressure Switch, Pressure Transducer, Pressure Transmitter & Pressure Calibrator	Using Pressure Gauge, Process Calibrator and Hydraulic Comparator by Comparison Method as per DKD R6-1	0 to 70 bar	$Q(5.77E - 03 \text{ bar}, 0.095 \% \text{ rdg})$ Where $Q [a, b] = [a^2 + b^2]^{0.5}$
12	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Medium: Pressure Gauge, Differential Pressure Gauge, Pressure Switch, Pressure Transducer, Pressure Transmitter & Pressure Calibrator	Using Pressure Gauge, Process Calibrator and Hydraulic Comparator by Comparison Method as per DKD R6-1	0 to 700 bar	$Q (5.77E - 03 \text{ bar}, 0.085 \% \text{ rdg})$ Where $Q [a, b] = [a^2 + b^2]^{0.5}$



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13	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Medium: Pressure Magnehelic Gauge / Manometer / Pressure / Differential Pressure (Gauge/ Transmitter / Transducer / Switch / Calibrator)	Using Pressure Gauge, Process Calibrator and Pneumatic Comparator by Comparison Method as per DKD R6-1	0 to 2 kPa	$Q(5.77E - 03 \text{ kPa}, 0.61 \% \text{ rdg})$ Where $Q[a, b] = [a^2 + b^2]^{0.5}$
14	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Medium: Pressure Gauge, Differential Pressure Gauge, Pressure Switch, Pressure Transducer, Pressure Transmitter & Pressure Calibrator	Using Pressure Gauge, Process Calibrator and Pneumatic Comparator by Comparison Method as per DKD R6-1	0 to 35 bar	$Q(5.8E - 04 \text{ bar}, 0.2 \% \text{ rdg})$ Where $Q[a, b] = [a^2 + b^2]^{0.5}$
15	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Medium: Pressure Gauge, Differential Pressure Gauge, Pressure Switch, Pressure Transducer, Pressure Transmitter & Pressure Calibrator, Manometer	Using Pressure Gauge, Process Calibrator and Pneumatic Comparator by Comparison Method as per DKD R6-1	0 to 2 bar	$Q(5.77E - 04 \text{ bar}, 0.15 \% \text{ rdg})$ Where $Q[a, b] = [a^2 + b^2]^{0.5}$
16	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Medium: Vacuum Gauge / Switch / Transducer / Transmitter / Calibrator / Differential Vacuum Gauge	Using Pressure Gauge, Process Calibrator and Pneumatic Comparator by Comparison Method as per DKD R6-1	(-) 0.90 bar to 0	$Q(5.77E - 04 \text{ bar}, 0.25 \% \text{ rdg})$ Where $Q[a, b] = [a^2 + b^2]^{0.5}$



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17	THERMAL-SPECIFIC HEAT & HUMIDITY	Humidity Indicator, Humidity sensor with Indicator	Using Digital Humidity Indicator with sensor and Humidity Chamber by Comparison Method	15 %rh to 95 %rh @ 25 °C	2.93 %rh
18	THERMAL-TEMPERATURE	RTD/Thermocouple with or without Temperature Indicator / Temperature Controller / Temperature Recorder, Dial Thermometer	Using Standard RTD with Multi-Channel Data Acquisition System and Dry Block Calibrator by Comparison Method	(-) 10 °C to 110 °C	0.43 °C
19	THERMAL-TEMPERATURE	RTD/Thermocouple with or without Temperature Indicator / Temperature Controller / Temperature Recorder, Dial Thermometer	Using Standard RTD with Multi-Channel Data Acquisition System and Dry Block Calibrator by Comparison Method	> 110 °C to 300 °C	1.20 °C
20	THERMAL-TEMPERATURE	Thermocouple with or without Temperature Indicator / Temperature Controller / Temperature Recorder	Using R Type Thermocouple with Multi-Channel Data Acquisition System and Dry Block Calibrator by Comparison Method	> 650 °C to 1200 °C	4.18 °C



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21	THERMAL-TEMPERATURE	Thermocouple with or without Temperature Indicator / Temperature Controller / Temperature Recorder, Dial Thermometer	Using R Type Thermocouple with Multi-Channel Data Acquisition System and Dry Block Calibrator by Comparison Method	> 300 °C to 650 °C	2.1 °C



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Site Facility					
1	MECHANICAL- ACCELERATION AND SPEED	Centrifuge, RPM Generator / RPM Source (Non-Contact Type)	Using Standard Non Contact Tachometer by Direct Method	> 1000 rpm to 6000 rpm	7.85 rpm
2	MECHANICAL- ACCELERATION AND SPEED	Centrifuge, RPM Generator / RPM Source (Non-Contact Type)	Using Standard Non Contact Tachometer by Direct Method	500 rpm to 1000 rpm	6.2 rpm
3	MECHANICAL- ACCELERATION AND SPEED	Tachometer (Non- Contact Type)	Using Standard Tachometer & RPM Generator by Comparison Method	> 100 rpm to 500 rpm	2.5 rpm
4	MECHANICAL- ACCELERATION AND SPEED	Tachometer (Non- Contact Type)	Using Standard Tachometer & RPM Generator by Comparison Method	> 1000 rpm to 6000 rpm	28 rpm
5	MECHANICAL- ACCELERATION AND SPEED	Tachometer (Non- Contact Type)	Using Standard Tachometer & RPM Generator by Comparison Method	> 25000 rpm to 90000 rpm	430 rpm
6	MECHANICAL- ACCELERATION AND SPEED	Tachometer (Non- Contact Type)	Using Standard Tachometer & RPM Generator by Comparison Method	> 500 rpm to 1000 rpm	4.7 rpm
7	MECHANICAL- ACCELERATION AND SPEED	Tachometer (Non- Contact Type)	Using Standard Tachometer & RPM Generator by Comparison Method	> 6000 rpm to 8500 rpm	40 rpm
8	MECHANICAL- ACCELERATION AND SPEED	Tachometer (Non- Contact Type)	Using Standard Tachometer & RPM Generator by Comparison Method	> 8500 rpm to 25000 rpm	116 rpm



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9	MECHANICAL-ACCELERATION AND SPEED	Tachometer (non-contact type)	Using Standard Tachometer & RPM Generator by Comparison Method	20 rpm to 100 rpm	1.7 rpm
10	THERMAL-SPECIFIC HEAT & HUMIDITY	Humidity Indicator, Humidity sensor with Indicator	Using Digital Humidity Indicator with sensor and Humidity Chamber by Comparison Method	15 %rh to 95 %rh @ 25 °C	2.93 %rh
11	THERMAL-TEMPERATURE	Chamber, Incubator (Non medical purpose), Autoclave (Non medical purpose), Air Oven, Furnace, Temperature Bath (Multiposition)	Using RTD Sensor and Data Acquisition System (minimum 9 sensor) by Comparison Method	100 °C to 300 °C	3 °C
12	THERMAL-TEMPERATURE	Deep Freezer, Refrigerator, Incubator (Non medical purpose), Autoclave (non medical purpose), Air Oven, Furnace, Temperature Bath, Thermal Chamber (Multiposition)	Using RTD Sensor and Standard Data Acquisition System (minimum 9 sensor) by Comparison Method	(-) 80 °C to 100 °C	2.5 °C
13	THERMAL-TEMPERATURE	Indicator / controller with sensor of Deep freezer / Refrigerator / Block Furnace / Bath (Single Position)	Using RTD Sensor with Data Acquisition System by Comparison Method	(-) 80 °C to 0 °C	0.5 °C



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14	THERMAL-TEMPERATURE	RTD/Thermocouple with or without Temperature Indicator / Temperature Controller / Temperature Recorder, Dial Thermometer	Using Standard RTD with Multi-Channel Data Acquisition System and Dry Block Calibrator by Comparison Method	(-) 10 °C to 110 °C	0.43 °C
15	THERMAL-TEMPERATURE	RTD/Thermocouple with or without Temperature Indicator / Temperature Controller / Temperature Recorder, Dial Thermometer	Using Standard RTD with Multi-Channel Data Acquisition System and Dry Block Calibrator by Comparison Method	> 110 °C to 300 °C	1.20 °C
16	THERMAL-TEMPERATURE	Thermocouple with or without Temperature Indicator / Temperature Controller / Temperature Recorder	Using R Type Thermocouple with Multi-Channel Data Acquisition System and Dry Block Calibrator by Comparison Method	> 650 °C to 1200 °C	4.18 °C
17	THERMAL-TEMPERATURE	Thermocouple with or without Temperature Indicator / Temperature Controller / Temperature Recorder, Dial Thermometer	Using R Type Thermocouple with Multi-Channel Data Acquisition System and Dry Block Calibrator by Comparison Method	> 300 °C to 650 °C	2.1 °C

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