

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

PRECISE CAL LABS PRIVATE LIMITED, PLOT NO.282, AMBETHAN ROAD, BIRDAWADI ROAD, PUNE, MAHARASHTRA, INDIA

Accreditation Standard Certificate Number Validity ISO/IEC 17025:2017

01/02/2025 to 31/01/2029

CC-2947

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 /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- MOBILE FORCE MEASURING SYSTEM	Dial / Digital Push Pull Gauge (Push & Pull Mode)	Using Dead weight Force calibration machine,with stainless steel Newton Dead Weights as per VDI/VDE 2624 part 2.1	1 N to 1000 N	0.12 %						
2	MECHANICAL- TORQUE MEASURING DEVICES	Torque Sensor, Torque Calibrator, Torque Transducer, Torque Tester, Torque Measuring System	Using Dead weight torque calibration system, Lever Arm and stainless steel Dead Weights as per BS7882:2017	0.01 Nm to 3000 Nm	0.06 %						
3	MECHANICAL- UTM, TENSION CREEP AND TORSION TESTING MACHINE	UTM / CTM / TTM (Tension / Compression Mode)	Using Precision Load Cells and Digital Load Indicator as per IS 1828 / ISO 7500 Comparison Method	20 N to 20 kN	0.61 %						



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	Measurand or Reference		Measurement range and		
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Accreditation Standard		ISO/IEC 17025:2017			
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	Site Facility						
1	MECHANICAL- UTM, TENSION CREEP AND TORSION TESTING MACHINE	UTM / CTM / TTM (Tension / Compression Mode)	Using Precision Load Cells and Digital Load Indicator as per IS 1828 / ISO 7500 Comparison Method	20 N to 20 kN	0.61 %		

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