



**National Accreditation Board for  
Testing and Calibration Laboratories**

(A Constituent Board of Quality Council of India)



## **CERTIFICATE OF ACCREDITATION**

### **PRESCIENCE CALIBRATION PVT LTD**

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

**NO. 5, 5TH F CROSS, 5TH MAIN, GANAPATHIPURA, KANAKPURA MAIN ROAD, BENGALURU,  
KARNATAKA, INDIA**

in the field of

**CALIBRATION**

Certificate Number: CC-2299

Issue Date: 01/08/2019

Valid Until: 31/07/2021

**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](http://www.nabl-india.org))

**Signed for and on behalf of NABL**



**N. Venkateswaran  
Chief Executive Officer**



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## SCOPE OF ACCREDITATION

Laboratory Name PRESCIENCE CALIBRATION PVT LTD, NO. 5, 5TH F CROSS, 5TH MAIN, GANAPATHIPURA,KANAKPURA MAIN ROAD, BENGALURU, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-2299 Page No. : 1 / 5

Validity 01/08/2019 to 31/07/2021 Last Amended on -

S.No	Discipline / Group	Quantity Measured/ Instrument	Range / Frequency	* Calibration Measurement Capability(±)	Remarks
<b>Permanent Facility</b>					
1	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	2-Axis Collimator (Angle 10°)	Horizontal up to 1° Res:1 arc second	3 arc second	Using Theodolite by comparison method
2	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	2-Axis Optical Level,LOS: 60 meters(1-Axis and 2-Axis measurement) (Angle 360°)	Horizontal up to 360° Res.: 1°	0.3°	Using dual axis collimator and universal stand by comparison method
3	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	2-Axis Optical Level,LOS: 60 meters(1-Axis and 2-Axis measurement)Res:1°	Vertical up to 1° Res:5 arc second	6.4 arc second	Using dual axis collimator and universal stand by comparison method
4	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Line Laser, LOS: 80 meters (Angle 360°)	Horizontal range Up to 360°	2.2 arc second	Using 3D level distance simulator by comparison method
5	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Line Laser, LOS: 80 meters (Angle 1°)	Vertical up to 1°	1 mm @ 30 m	Using 3D Level distance simulator by comparison method
6	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Line Laser,LOS: 80 meters (Angle 1°)	Z axis up to 1°	1 mm @ 30 m	Using 3D Level distance simulator by comparison method based



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Certificate Number CC-2299 Page No. : 2 / 5

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7	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Point Laser, LOS: 30 meters (Angle 360°)	Horizontal Range up to 360°	1.5 Arc sec	Using 3D Level distance simulator by comparison method
8	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Rotary Laser, LOS: 150 meters (Angle 1°)	Vertical and Z Axis Up to 1°	1 mm at 30 m	Using 3D Level distance simulator by comparison method
9	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Theodolite, LOS: 0.5m to infinity (Angle 360°)	Vertical up to 360° Res.: 1 arc sec	3.7 arc second	Using dual axis collimator and universal stand by comparison method
10	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Total Station (Dual axis), LOS: 5 km (Angle 360°)	Horizontal up to 360° Res.: 1 arc second	2.7 arc second	Using dual axis collimator and universal stand by comparison method
11	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Total Station (Dual axis), LOS: 5 km (Angle 360°)	Vertical up to 360° Res.: 1 arc second	3.6 arc second	Using dual axis collimator and universal stand by comparison method
12	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	2-Axis Collimator (Angle 10°)	Vertical up to 1° Res.: 1 arc sec	4.5 arc sec	Using Theodolite by comparison method



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Certificate Number CC-2299 Page No. : 3 / 5

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13	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	DC Nutrunner (Angle 360°)	Upto 360° Res.: 0.01°	0.25°	Using Angle sensor with Indicator by comparison
14	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Point Laser, LOS: 30 meters	Z axis up to 1°	1 mm @ 30 m	Using 3D Level distance simulator by comparison method based
15	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Point Laser, LOS: 30 meters (Angle 1°)	Vertical up to 1°	1 mm at 30 m	Using 3D Level distance simulator by comparison method
16	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Rotary Encoder (Angle 360°)	Upto 360°	0.03°	Using 3D Level distance simulator / Theodolite by Comparison Method
17	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Theodolite, LOS: 0.5m to infinity (Angle 360°)	Horizontal up to 360°, Res.: 1 arc sec	2.6 arc second	Using dual axis collimator and universal stand by comparison Method
18	MECHANICAL-TORQUE GENERATING DEVICES	DC Nutrunner Fixed Tool, Hand Tool	1.9 Nm to 500 Nm	0.57%	Using Master Torque Transducer by Comparison Method
19	MECHANICAL-TORQUE GENERATING DEVICES	DC Nutrunner Fixed Tool, Hand Tool	0.8 Nm to 1.9 Nm	6.0%	Using Master Torque Transducer by Comparison Method



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Certificate Number CC-2299 Page No. : 4 / 5

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20	MECHANICAL- TORQUE GENERATING DEVICES	Rotary Torque Tool	1 Nm to 120 Nm	0.5%	Using Master Torque Transducer by Comparison Method
21	MECHANICAL- TORQUE MEASURING DEVICES	Torque Measuring Device (Calibrate 0.1 class and coarser)	0.2 Nm to 12 Nm	0.078%	Using Dead Weight Torque Calibration Machine
22	MECHANICAL- TORQUE MEASURING DEVICES	Torque Measuring Device(Calibrate 0.1 class and coarser)	>12 Nm to 250 Nm	0.028%	Using Dead Weight Torque Calibration Machine
23	MECHANICAL- TORQUE MEASURING DEVICES	Torque Measuring Device(Calibrate 0.1 class and coarser)	>250 Nm to 2000 Nm	0.03%	Using Dead Weight Torque Calibration Machine

