



National Accreditation Board for  
Testing and Calibration Laboratories

**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,  
BENGALURU URBAN, KARNATAKA, INDIA

in the field of

**CALIBRATION**

Certificate Number: CC-2299

Issue Date: 25/12/2023

Valid Until: 24/12/2025

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))

Name of Legal Entity: Prescience Calibration Pvt Ltd

Signed for and on behalf of NABL



N. Venkateswaran  
Chief Executive Officer



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

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

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

CC-2299

**Page No**

1 of 9

**Validity**

25/12/2023 to 24/12/2025

**Last Amended on**

-

| 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-ACOUSTICS  | Sound Level Meter at 1 kHz  | Using Sound level calibrator by direct method  | 94 dB & 114 dB  | 0.3dB  |
| 2                  | MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.) | 2-Axis Collimator   | Using Theodolite by comparison method  | Horizontal up to 1 °  | 3.0arc sec                                       |
| 3                  | MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.) | 2-Axis Collimator   | Using Theodolite by comparison method  | Vertical up to 1 °  | 4.5arc sec                                       |
| 4                  | MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.) | 2-Axis Optical Level  | Using Indexing Table and dual axis collimator and universal stand by comparison method | Horizontal up to 360 °  | 0.32°  |
| 5                  | MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.) | 2-Axis Optical Level  | Using dual axis collimator and universal stand by comparison method                    | Vertical up to +/- 1 °  | 6.4arc Sec                                       |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

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

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

CC-2299

**Page No**

2 of 9

**Validity**

25/12/2023 to 24/12/2025

**Last Amended on**

-

| 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)(±) |
|------|---|--|--|---|--|
| 6    | MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.) | DC Nutrunner   | Using Angle sensor with Indicator by comparison method | Up to 360 °   | 0.053°   |
| 7    | MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.) | Inclinometer   | Using Rotary encoder by comparison method              | Up to 90 °  | 0.044°   |
| 8    | MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.) | Line Laser   | Using 3D level distance simulator by comparison method | Horizontal range up to 360 °  | 2.6arc Sec.                                      |
| 9    | MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.) | Line Laser   | Using 3D Level distance simulator by comparison method | Vertical / Z axis up to 1 °   | 1mm at 30 m                                      |
| 10   | MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.) | Point Laser  | Using 3D Level distance simulator by comparison method | Horizontal Range up to 360 °  | 2.6arc Sec                                       |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

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

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

CC-2299

**Page No**

3 of 9

**Validity**

25/12/2023 to 24/12/2025

**Last Amended on**

-

| 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)(±) |
|------|---|--|---|---|--|
| 11   | MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.) | Point Laser  | Using 3D Level distance simulator by comparison method              | Vertical / Z Axis up to 1 °   | 1mm at 30 m                                      |
| 12   | MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.) | Rotary / Index Table   | Using Rotary Encoder by comparison method                           | 0 ° to 360 °  | 0.066°   |
| 13   | MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.) | Rotary encoder   | Using 3D Level distance simulator / Theodolite by Comparison Method | Up to 360 °   | 0.002°   |
| 14   | MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.) | Rotary Laser   | Using 3D Level distance simulator by comparison method              | Vertical / Z Axis Up to 1 °   | 1mm at 30 m                                      |
| 15   | MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.) | Theodolite   | Using dual axis collimator and universal stand by comparison method | Horizontal up to 360 °  | 2.6arc Sec                                       |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

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

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

CC-2299

**Page No**

4 of 9

**Validity**

25/12/2023 to 24/12/2025

**Last Amended on**

-

| 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)(±) |
|------|---|---|---|---|--|
| 16   | MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.) | Theodolite  | Using dual axis collimator and universal stand by comparison method | Vertical up to 360 °  | 3.7arc Sec                                       |
| 17   | MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.) | Total Station (Dual axis)   | Using dual axis collimator and universal stand by comparison method | Horizontal up to 360 °  | 2.7arc Sec                                       |
| 18   | MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.) | Total Station (Dual axis)   | Using dual axis collimator and universal stand by comparison method | Vertical up to 360 °  | 3.8arc Sec                                       |
| 19   | MECHANICAL-MOBILE FORCE MEASURING SYSTEM                      | Push Pull Gauges (Analog & Digital), Force Gauge  | Using dead weight Force calibration machine based on VDI 2624       | 10 N to 100 N   | 0.53N  |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

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

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

CC-2299

**Page No**

5 of 9

**Validity**

25/12/2023 to 24/12/2025

**Last Amended on**

-

| 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)(±) |
|------|--|---|---|---|--|
| 20   | MECHANICAL-PRESSURE INDICATING DEVICES | Hydraulic Pressure Transducer with digital indicator<br>Pressure Transmitter with digital indicator<br>Pressure Gauges (analog/digital)<br>Pressure Switches<br>Differential Pressure Gauge | Digital Pressure Gauge with pressure pump. Procedure based on DKD-R 6-1   | 0 bar to 40 bar   | 0.32bar  |
| 21   | MECHANICAL-PRESSURE INDICATING DEVICES | Pressure Transducer with digital indicator<br>Pressure Transmitter with digital indicator<br>Pressure Gauges (analog / digital)<br>Pressure Switches  | Digital Pressure Gauge using hydraulic comparator pump based on DKD-R 6-1 | 0 bar to 700 bar  | 4.2bar   |
| 22   | MECHANICAL-TORQUE GENERATING DEVICES   | DC Nutrunner - Fixed / Hand Tool  | Using Master Torque Transducer by Comparison Method based on VDI 2645     | 0.2 Nm to 1.9 Nm  | 2.0%   |
| 23   | MECHANICAL-TORQUE GENERATING DEVICES   | DC Nutrunner - Fixed / Hand Tool  | Using Master Torque Transducer by Comparison Method based on VDI 2645     | 1.9 Nm to 500 Nm  | 0.57%  |
| 24   | MECHANICAL-TORQUE GENERATING DEVICES   | Rotary Torque Tool  | Using Master Torque Transducer by Comparison Method based on VDI 2645     | 1 Nm to 120 Nm  | 0.5%   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

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

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

CC-2299

**Page No**

6 of 9

**Validity**

25/12/2023 to 24/12/2025

**Last Amended on**

-

| 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)(±) |
|------|--------------------------------------|--|---|---|--|
| 25   | MECHANICAL-TORQUE GENERATING DEVICES | Torque, Torque Wrench, Torque Driver, Type I & Type II Class A, B, C, D, E   | Using torque sensor of various capacity and Torque calibrator based on IS 16906 | >5 Nm to 200 Nm   | 0.76%  |
| 26   | MECHANICAL-TORQUE GENERATING DEVICES | Torque, Torque Wrench, Torque Driver, Type I & Type II Class A, B, C, D, E   | Using torque sensor of various capacity and Torque calibrator based on IS 16906 | 1 Nm to 5 Nm  | 0.92%  |
| 27   | MECHANICAL-TORQUE MEASURING DEVICES  | Torque meters, Torque Calibrators, Torque Transducer/Sensor  | Using Dead Weight Torque Calibration Machine as per BS 7882:2017                | >12 Nm to 250 Nm  | 0.03%  |
| 28   | MECHANICAL-TORQUE MEASURING DEVICES  | Torque meters, Torque Calibrators, Torque Transducer/Sensor  | Using Dead Weight Torque Calibration Machine as per BS 7882:2017                | >250 Nm to 2000 Nm  | 0.03%  |
| 29   | MECHANICAL-TORQUE MEASURING DEVICES  | Torque meters, Torque Calibrators, Torque Transducer/Sensor  | Using Dead Weight Torque Calibration Machine as per BS 7882:2017                | 0.2 Nm to 12 Nm   | 0.08%  |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

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

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

CC-2299

**Page No**

7 of 9

**Validity**

25/12/2023 to 24/12/2025

**Last Amended on**

-

| 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)(±) |
|---------------|---|---|---|---|--|
| Site Facility |   |   |   |   |  |
| 1             | MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.) | 2-Axis Collimator   | Using Theodolite by comparison method                               | Horizontal up to 1 °  | 3.0arc sec                                       |
| 2             | MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.) | 2-Axis Collimator   | Using Theodolite by comparison method                               | Vertical up to 1 °  | 4.5arc sec                                       |
| 3             | MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.) | DC Nutrunner  | Using Angle sensor with Indicator by comparison method              | Up to 360 °   | 0.053°   |
| 4             | MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.) | Rotary encoder  | Using 3D Level distance simulator / Theodolite by Comparison Method | up to 360 °   | 0.03 °   |





# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

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

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

CC-2299

**Page No**

8 of 9

**Validity**

25/12/2023 to 24/12/2025

**Last Amended on**

-

| 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)(±) |
|------|--|---|---|---|--|
| 5    | MECHANICAL-PRESSURE INDICATING DEVICES | Hydraulic Pressure Transducer with digital indicator<br>Pressure Transmitter with digital indicator<br>Pressure Gauges (analog/digital)<br>Pressure Switches<br>Differential Pressure Gauge | Digital Pressure Gauge with pressure pump. Procedure based on DKD-R 6-1   | 0 bar to 40 bar   | 0.32bar  |
| 6    | MECHANICAL-PRESSURE INDICATING DEVICES | Pressure Transducer with digital indicator<br>Pressure Transmitter with digital indicator<br>Pressure Gauges (analog / digital)<br>Pressure Switches  | Digital Pressure Gauge using hydraulic comparator pump based on DKD-R 6-1 | 0 bar to 700 bar  | 4.2bar   |
| 7    | MECHANICAL-TORQUE GENERATING DEVICES   | DC Nutrunner - Fixed / Hand Tool  | Using Master Torque Transducer by Comparison Method based on VDI 2645     | >1.9 Nm to 500 Nm   | 0.57%  |
| 8    | MECHANICAL-TORQUE GENERATING DEVICES   | DC Nutrunner - Fixed / Hand Tool  | Using Master Torque Transducer by Comparison Method based on VDI 2645     | 0.2 Nm to 1.9 Nm  | 2.2%   |
| 9    | MECHANICAL-TORQUE GENERATING DEVICES   | Rotary Torque Tool  | Using Master Torque Transducer by Comparison Method based on VDI 2645     | 1 Nm to 120 Nm  | 0.67%  |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

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

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

CC-2299

**Page No**

9 of 9

**Validity**

25/12/2023 to 24/12/2025

**Last Amended on**

-

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

