



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name PRISM CALIBRATION CENTRE, GF-101,F/101,101 A,B, TF-85 TO101 RUDRAKSH COMPLEX-II,, AHMEDABAD, --SELECT DISTRICT--, GUJARAT , INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-2480 Page No. : 47 / 60

Validity 26/11/2019 to 25/11/2021 Last Amended on 05/12/2019

| S.No | Discipline / Group | Quantity Measured/ Instrument | Range / Frequency | * Calibration Measurement Capability(±) | Remarks |
|------|---------------------------------------------------------------|------------------------------------------------------------------------|----------------------|-----------------------------------------|-----------------------------------------------------------------------------------------------|
| 68 | MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.) | Surface Plate | up to 2000 x 2000 mm | 3.5((L+W)/125) umwhere L and W is in mm | Using Electronic Level IS: 2285 |
| 69 | MECHANICAL-HARDNESS TESTING MACHINES | Verification of Brinell Hardness Testing Machines | HBW 10/3000 | 1.07% | Using Brinell Hardness Standard Blocks IS 1500-2:2013 |
| 70 | MECHANICAL-HARDNESS TESTING MACHINES | Verification of Brinell Hardness Testing Machines | HBW 2.5/187.5 | 1.12% | Using Brinell Hardness Standard Blocks IS 1500-2:2013 |
| 71 | MECHANICAL-HARDNESS TESTING MACHINES | Verification of Brinell Hardness Testing Machines | HBW 5/750 | 1.13% | Using Brinell Hardness Standard Blocks IS 1500-2:2013 |
| 72 | MECHANICAL-HARDNESS TESTING MACHINES | Verification of Rockwell Hardness Testing Machines | HRBW | 1.19HRBW | Using Rockwell Hardness Standard Blocks IS 1586-2:2012 |
| 73 | MECHANICAL-HARDNESS TESTING MACHINES | Verification of Rockwell Hardness Testing Machines | HRC | 1HRC | Using Rockwell Hardness Standard Blocks IS 1586-2:2012 |
| 74 | MECHANICAL-PRESSURE INDICATING DEVICES | Low Pressure/Vacuum Gauge, Transmitter, Switch (Analog/Digital) | 0 mbar to 24.50 mbar | 0.083mbar | Using Digital Pressure Calibrator/Digital Manometer & Low Pressure Pump as per DKD R6-01 |
| 75 | MECHANICAL-PRESSURE INDICATING DEVICES | Pressure Gauge/ Pressure Switch/ Pressure Transmitter (Analog/Digital) | 2 bar to 20 bar | 0.024bar | Using Digital Pressure Gauge & Pneumatic Pressure Pump & Digital Multi meter as per DKD R6-01 |