

Laboratory Testing and Calibration Laboratories, R & D Centre, BEML Ltd., Kolar
 Gold Fields, Karnataka
Accreditation Standard ISO/IEC 17025:2005
Discipline Mechanical Calibration **Issue Date** 13.01.2015
Certificate Number C-0144 **Valid Until** 12.01.2017
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Quantity Measured/ Instrument	Range / Frequency	*Calibration Measurement Capability (\pm)	Remarks
TORQUE			
1. Type 1 Dial/Digital Torque Wrenches/Class A,B,C ^{\$}	25 Nm to 500 Nm 500 Nm to 5000 Nm	1.2 % rdg 0.6 % rdg	Using Torque Calibration system with Torque Sensors HBM, Germany 1000, 5000 Nm Procedures based on ISO 6789
2. Type 2 Click type Torque Wrenches/Class A,B,C ^{\$}	25 Nm to 500 Nm 500 Nm to 5000 Nm	1.2 % rdg 0.6 % rdg	Using Torque Calibration system with Torque Sensors HBM, Germany 1000, 5000 Nm Procedures based on ISO 6789
PRESSURE & VACUUM			
1. Pressure Pneumatic Digital and Dial Pressure Gauges/Pressure Transmitters/ Transducers ^{\$}	0 to 1 bar	0.40 % rdg	Using Twin mode Calibrator WIKA & Pneumatic Pump DKD Guidelines R-6-1
2. Pressure Hydraulic Digital and Dial Pressure Gauges/Pressure Transmitters/ Transducers ^{\$}	6 bar to 600 bar 0 to 30 bar	0.04 % rdg 0.60 % rdg	Using A] Dead Weight Tester LP & HP Range DKD Guidelines R-6-1
3. Vacuum Digital and dial Vacuum Gauges and Transmitters ^{\$}	-0.85 bar to 0 bar	1.0 % rdg	Using Twin mode Calibrator WIKA & Pneumatic Pump DKD Guidelines R-6-1

* Measurement Capability is expressed as an uncertainty (\pm) at a confidence probability of 95%

^{\$}Only in Permanent Laboratory

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