

Laboratory Fluid Control Research Institute, Kanjikode West, Palakkad, Kerala
Accreditation Standard ISO/IEC 17025: 2005
Discipline Mechanical Calibration **Issue Date** 01.07.2015
Certificate Number C-0056 **Valid Until** 30.06.2017
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Quantity Measured/ Instrument	Range / Frequency	*Calibration Measurement Capability (\pm)	Remarks	
I. DIMENSION				
1. EXTERNAL MICROMETER / BALL MICROMETER/ BLADE MICROMETER / DIAL MICROMETER / FLANGE MICROMETER/ GROOVE MICROMETER / SPLINE MICROMETERS / MICROMETER HEAD \$ LC 0.001 mm ^Φ				
	0 to 100 mm	3.0 μ m	Using Slip gauges	
	>1000 mm	5.0 μ m		
2. DEPTH MICROMETER \$ (DIGITAL/ DIAL) LC 0.001 mm ^Φ				
	0 to 100 mm	2.7 μ m	Using Slip gauges	
	>100 mm to 1000mm	3.5 μ m		
3. HEIGHT GAUGE \$ (DIGITAL/ DIAL) LC 0.01 mm				
	0 to 300 mm	6.4 μ m	Using Gauge Blocks	
	300 mm to 1000 mm	7.8 μ m		
LC 0.0001 mm ^Φ				
	0 to 600 mm	2.0 μ m		
	600 mm to 1000 mm	4.0 μ m		
4. INSIDE MICROMETER \$ (DIGITAL/ DIAL) LC : 0.001 mm ^Φ				
	0 to 100 mm	2.0 μ m	Using ULM & Gauge Blocks	
	100 mm to 1000 mm	4.60 μ m		
5. PLAIN RING GAUGES \$				
	1 mm to 100 mm	1.5 μ m	Using ULM & Setting Rings.	
	>100 mm to 200 mm	2.0 μ m		
	>200 mm to 300 mm	6 μ m		

Shally Sharma
Convenor

Avijit Das
Program Manager

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6. PLUNGER DIAL GAUGE / BORE GAUGES / DIAL INDICATOR (LEVER TYPE) /DIAL THICKNESS GAUGE/DEFLECTION GAUGE [§] LC 0.001mm ^Φ	0 to100 mm	1.0 μ m	Using ULM & Gauge Blocks
7. BORE GAUGE [§] LC 0.001mm ^Φ	0 to100 mm >100 mm to 600 mm	2.9 μ m 4.6 μ m	ULM &Gauge Blocks
8. SLIP GAUGES [§]	Upto 10 mm >10 mm to 50 mm >50 mm to 100 mm	0.05 μ m 0.08 μ m 0.16 μ m	Using 'K' Grade Slip Gauges & Slip Gauge Comparator
9. SURFACE PLATE [#]	2500 mmX1500 mm	$1.2 \sqrt{\frac{L+W}{150}}$ μ m (L&W in mm)	Using Electronic Level
10. CALIPER CHECKER /STEP GAUGE / CHECK MASTER [§]	Upto 600 mm	$2.5 \left(\frac{L}{200} \right)$ μ m (L in mm)	Using Gauge Blocks & CMM
11. THREAD PLUG GAUGES [§] (Pitch Circle Dia)	1 mm to 100 mm	1.0 μ m	Using ULM
12. THREAD RING GAUGES [§] (Pitch Circle Dia)	3 mm to 100 mm	1.0 μ m	Using ULM & Setting Ring

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13. V BLOCKS \$ FLATNESS PARALLELISM ANGLE	Upto 300 mm Upto 300 mm Upto 120°	7 μ m 7 μ m 1' 20"	Using CMM
14. CALIPERS \$ (EXTERNAL /INTERNAL, DEPTH) (DIGITAL / DIAL) LC 0.01 mm ^Φ	0 to 600 mm >600 to 1000mm	6 μ m 8 μ m	Using Gauge Blocks
15. MASTER ROD / SETTING ROD \$	0 to 600 mm	2.9 μ m	Using ULM & Slip Gauges
16. CENTRE DISTANCE GAUGE \$ LC 0.01mm LC 0.02mm	0 to 600 mm 0 to 1000 mm	8 μ m 12 μ m	Using Slip gauge Sets
17. DIAL GAUGE CALIBRATION TESTER \$	0 to 25 mm	1.0 μ m	Using Slip Gauge & Mu Checker
18. PLAIN PLUG GAUGE/ PIN GAUGE \$	Upto 100 mm	2.0 μ m	Using ULM
19. SNAP GAUGE \$	Upto 300 mm	2.5 μ m	Using Slip Gauges/ULM
20. COMBINATION SET / BEVEL PROTRACTOR\$ LC 1 arc minute Straight Edge Angular Squareness- Sqaure Block Position Block- Sqaure Block	0 to 360 ° 1000 mm (300x300x300) mm (300x300x300) mm	4.0 min of Arc 7.0 μ m 7.0 μ m 7.0 μ m	Using Angle Gauge blocks Using CMM Using CMM Using CMM

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21. HEIGHT MASTER \$ LC 0.0001 mm ^Φ	5 mm to 300 mm	4.2 μ m	Using Gauge Blocks & CMM
22. DEPTH MICROCHECKER \$	Upto 150 mm	6.0 μ m	Using CMM
23. ELECTRONIC FRAME LEVEL/ INCLINOMETER / PRECISION LEVELS \$	2000 μ m/ m	1.2 μ m / m	Using Laser Interferometer , Angular Optics & Tilting Table
24. PROBE (LVDT) \$	Upto 10 mm	1 μ m	Using ULM
25. ELECTRONIC COMPARATOR / MU CHECKER \$ LC 0.01 μm	0 to 25 mm	0.16 μ m	Using Slip Gauge Set
26. COMPARATOR STAND \$ (FOR FLATNESS OF BASE)	0 to 600 mm	6.0 μ m	Using CMM
27. PRECISION PARALLEL BLOCK \$	Upto 500mm	6.0 μ m	Using CMM
28. GAUGE BLOCK CALIBRATOR \$	20 μ m & 200 μ m	0.04 μ m	Using Grade 'K' Slip Gauges
29. UNIVERSAL LENGTH MEASURING MACHINE \$ LC:0.0001 mm	Upto 100 mm 100 mm to 400 mm 400 mm to 680 mm	0.50 μ m 1.5 μ m 2.95 μ m	Using Grade 'K' Slip Gauges Long Gauge Blocks

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30. PROFILE PROJECTOR ^{\$} LINEAR SCALE LC: 0.001 mm X- AXIS , Y-AXIS ANGULAR SCALE MAGNIFICATION FACTOR	50 mm Angle 360° 10 X, 20 X, 50 X, 100 X	2 μ m 1 min of Arc 0.05 %	Using Glass scale , Slip Gauges & Angle Gauges
31. 3-D COORDINATE MEASURING MACHINE ^{\$} LINEAR	X to 800 mm Y to 800 mm Z to 600 mm	$1.0 + \left(\frac{L}{200} \right) \mu\text{m}$ Where L in mm	Using Slip Gauges Using Angle Gauges
32. TAPE & SCALE CALIBRATOR EQUIPMENT ^{\$}	1000 mm	10 μ m	Using '0' Grade Gauge Blocks
33. ANGLE MEASUREMENT- ^{\$} Angle Template/ Bevel Protactor LC 1 arc minute	360 °	1 min of Arc	Using CMM in Angle Feature /Profile Projector
34. SURFACE ROUGHNESS SPECIMEN/ MEASUREMENT ^{\$} Ra, Rx ,Ry, Rz	Upto 800 μ m	7 % of rdg	Using Roughness tester & Master specimen

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35. SURFACE ROUGHNESS TESTER \$ Ra, Rx ,Ry, Rz	Upto 800 μ m	7 % of rdg	Using Roughness tester & Master specimen
36. TAPE & SCALE / DIGITAL / PI TAPE / DIP TAPE \$ L.C.: 0.1 mm Φ	1000 mm >1 m to 100 m	200 μ m/m $200 + (200x\sqrt{L})$ 'L' is in meter	Using Tape & Scale Calibrator
37. LONG SLIP GAUGES/ LENGTH BAR \$	Upto 300 mm 300 mm to 600 mm	1.8 μ m 3.9 μ m	Using ULM & Slip Gauges
38. FEELER GAUGE \$	Upto 25 mm	1.0 μ m	Using ULM
39. RADIUS GAUGE/ PITCH GAUGE \$	Upto 50 mm 0.20 mm to 8.00 mm	4 μ m 4 μ m	Using Profile Projector
40. TEST SIEVES / SCALE MARK \$ ORIFICE/APERTURE	Upto 25 mm Upto 100 mm	4.0 μ m 15 μ m	Using Profile Projector Digital Vernier Caliper
41. THREE PIN MICROMETER \$	3 mm to 100 mm >100 mm to 200 mm	3.5 μ m 4.0 μ m	Certified ring gauges
42. UNIVERSAL LENGTH MEASURING MACHINE * L.C.: 0.0001 mm	0 to 680 mm	$(0.8 + L/150)$ μ m (L in mm)	Using 'o' grade slip gauge & 0 grade gauge blocks

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II. MASS			
1. STANDARD WEIGHTS^s			
Calibration of F1 Class & Coarser	1 mg	0.0025 mg	Using E1 Standard Weights & Comparator
	2 mg	0.0025 mg	
	5 mg	0.0025 mg	
Calibration of E2 Class & Coarser	10 mg	0.0025 mg	(I) 20g Micro Balance
	20 mg	0.0025 mg	(II) 210g Micro Balance
	50 mg	0.0025 mg	
	100 mg	0.0025 mg	by ABBA Method as per OIML R III
	200 mg	0.0025 mg	
	500 mg	0.0025 mg	
	1 g	0.0034 mg	
	2 g	0.00446 mg	
	5 g	0.004 mg	
	10 g	0.007 mg	
	20 g	0.008 mg	
	50 g	0.020 mg	
	100 g	0.035 mg	
	200 g	0.050 mg	
	Calibration of E2 Class & Coarser	500 g	0.25 mg
1 kg		0.50 mg	
2 kg		0.6388 mg	
5 kg		2.65 mg	
Calibration of F2 Class & Coarser	10 kg	45 mg	Using E1 Standard Weights, Mass Comparator 64 kg by ABBA Method as per OIML R III
	20 kg	45 mg	
Calibration of F2 Class & Coarser	50 kg	60 mg	OIML R III
Calibration of F1 Class & Coarser	100 kg	250 mg	Using F1 Standard Weights , 600 kg Balance As per OIML R III
	200 kg	300 mg	
Calibration of F2 Class & Coarser	500 kg	1000 mg	

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2. BALANCES

WEIGHING BALANCE/ COMPARATOR ^{\$}

Readability 0.001 mg	0 to 2 g	0.05 mg	Using E1 Standard Weights as per OIML R 76 (2006)
Readability 0.001 mg	0 to 20 g	0.02 mg	
Readability 0.01 mg	0 to 210 g	0.21mg	
Readability 0.1 mg [?]	0 to 2.5 kg	0.0025 g	Using E1 Standard Weights as per OIML R 76 (2006)
Readability 1 mg	0 to 5 kg	0.015 g	
Readability 50 mg	0 to 64 kg	1.81 g	Using F1 Standard Weights as per OIML R 76 (2006)
Readability 100 mg	0 to 600 kg	0.024 kg	
Readability 0.05 kg	0 to 2000 kg	0.1 kg	Using F1 & M1 Standard Weights
Readability 2 kg	0 to 20000 kg	3.53 kg	

III. VISCOSITY

1. FALLING BALL VISCOMETER ^{\$}

DYNAMIC VISCOSITY	1 mPas to 85000 mPas	0.7 % of rdg.	Using Viscosity of Liquids
CAPILLARY VISCOMETER KINEMATIC VISCOSITY	0.002 cSt to 100000 cSt	0.5 % of rdg.	

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2. -ZAHN/FORD/ FLOW/SHEEN CUP ^{\$} -BROOKFIELD VISCOMETER ^{\$} -VISCOMETER FOR DYNAMIC , KINEMATIC VISCOSITY ^{\$} -DYNAMIC , KINEMATIC VISCOSITY OF LIQUID ^{\$}	1 mPas/cSt to 60000 mPas/cSt	1 % of rdg.	Using Ubbelohde, Capillary Viscometer, (Kinematic Viscosity), Falling Ball Viscometer, (Dynamic Viscosity)
IV. DENSITY			
1. HYDROMETER ^{\$}	0.6 g/ml to 2 g/ml	0.0005 g/ml	Using Standard Hydrometers & liquids of known densities by Comparison Method
2. DENSITOMETER ^{\$}	0.6 g/ml to 1.7 g/ml	0.00002 g/ml to 0.000025 g/ml	Using Certified Density liquids
3. DENSITY CALIBRATION/ INDICATOR OF MASS FLOW METER, DENSITOMETER/ DENSITY MEASURING INSTRUMENTS ^{\$}	0.6 g/ml to 1.7 g/ml	0.00014 g/ml	Using Ref. density Meter by Comparison Method

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V. VOLUME

1. MICROPIPETTE ^{\$}	10 μ l to 100 μ l >100 μ l to 5000 μ l	0.03 μ l to 30 μ l	Using Precision balance and distilled water of known density by Gravimetric method Procedure based on ISO 4787 & ISO 8655-6
2. PIPETTES/ BURETTES/MEASURING CYLINDER ^{\$}	1 ml to 5000 ml	0.058 to 0.7 ml	Using Precision balance and distilled water of known density by Gravimetric method Procedure based on ISO 4787 & ISO 8655-6
3. MEASURING FLASK OR CANE ^{\$}	> (5 to 50) litres > (50 to 250) litres	0.75 ml to 7.5 ml 15 ml to 75 ml	Using Precision balance and distilled water of known density by Gravimetric method Procedure based on ISO 4787 & ISO 8655-6

VI. ACOUSTICS

1. ACOUSTIC PRESSURE- FREE FIELD

^{\$}

A) MEASURING MICROPHONE WITH PREAMPLIFIERS	125 Hz to 250 Hz 250 Hz to 8 kHz >8 kHz to 10 kHz >10 kHz to 20 kHz	0.5 dB 0.3 dB 0.4 dB 0.5 dB	Using Anechoic chamber & Reference microphone, Speaker, Control Unit, Free Field Calibration System as per IEC 61094-8:2012, Comparison with Reference microphone-Substitution Method in an Anechoic Chamber Using Laboratory Standard Microphone
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B) SOUND LEVEL METER	125 Hz to 250 Hz 250 Hz to 8 kHz >8 kHz to 10 kHz >10 kHz to 20 kHz	0.5 dB 0.4 dB 0.6 dB 0.7 dB	Using Anechoic chamber & Reference microphone, Speaker, Control Unit by Substitution Method in an Anechoic Chamber with Laboratory Standard Microphone
2. ACOUSTIC PRESSURE - PRESSURE FIELD ^{\$}			
A) SOUND LEVEL METER	124 dB @250 Hz 94 dB & 114 dB @ 1 kHz	0.3 dB 0.3 dB	Using Piston phone / Acoustic Calibrator by Pressure Field with Reference Calibrator
	31.5 Hz to 16kHz	0.3 dB	Using Multifunction acoustic Calibrator Pressure Field with Reference Calibrator
B) SOUND LEVEL CALIBRATOR / PISTON PHONE	94 dB, 114 dB & 124 dB	0.5 dB	Using Piston phone / Acoustic Calibrator, Reference Microphone, Control Unit by Substitution method with LS 1 Microphone and Reference Sound Calibrator
C) MULTIFUNCTION ACOUSTIC CALIBRATOR	94 dB, 104 dB & 114 dB 31.5 Hz to 16 kHz	0.5 dB	Using Reference microphone, Control Unit by Measurement Method with LS 1 Microphone and Control Unit
3. ACOUSTIC POWER ^{\$}			
SOUND SOURCE	125 Hz to 16 kHz (Hemi anechoic chamber) 125 Hz to 16 kHz (Open field)	2.0 dB 3.0 dB	Using Hemi anechoic chamber / Open field Sound level Meter, Reference Sound Source

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4. VIBRATION AMPLITUDE [§]			
(i) VIBRATION ANALYZER/ VIBRATION METER – MULTIPOINT [§]			
ACCELERATION	0.1 g to 15 g (pk) 5Hz to 5kHz	2.4 %	Using Reference accelerometer, Multi meter, Universal counter, Shaker/ by Multi point calibration of vibration meter / vibration analyzer using Accelerometer and shaker system by comparison method
VELOCITY	1 mm/s to 240 mm/s (pk) 5Hz to 5 kHz	2.4 %	
DISPLACEMENT	0.01 mm to 10 mm (pk) 5 Hz to 1 kHz	2.4 %	
(ii) VIBRATION ANALYZER/ VIBRATION METER – SINGLE POINT [§]			
ACCELERATION	9.81 m/s ² @159.2 Hz	2.7 %	Using Vibration Exciter & Accelerometer by Single Point Calibration of Vibration Meter/ Vibration Analyzer Using Vibration Exciter
VELOCITY	9.81 mm/s @159.2 Hz	2.7 %	
DISPLACEMENT	9.81 microns @159.2 Hz	2.7 %	
(iii) VIBRATION EXCITER CALIBRATION	0.1 g to 10 g @ 5 Hz to 5 kHz	2.1 %	Using Reference Accelerometer, Multimeter Frequency Counter

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5. VIBRATION SENSOR/ ACCELEROMETER [§]			
ACCELEROMETER/ VIBRATION SENSOR weight: up to 300grams	Nominal Sensitivity 1 g to 10 g	1.25%	Using Reference Accelerometer, Accelerometer Calibration System and Shaker, as per ISO 16063 part 21: 2003
	@ 100 Hz & 160 Hz		
	Frequency Response 2 Hz to <5 Hz	2.0%	
	5 Hz to 20 Hz	2.0%	
	21 Hz to 99 Hz	2.0%	
	100 Hz to 160 Hz	1.25%	
	161 kHz to 1 kHz	1.5%	
	>1 kHz to <5 kHz	1.7%	
	5000 Hz to 10000 Hz	2.3%	
	10000 Hz to 15000 Hz	2.5%	
Linearity up to 30 gpk	1.25%		
VII. SPEED			
1. NON CONTACT TACHOMETER, SPEED INDICATOR [§]	60 rpm to 10000 rpm	0.6 rpm	Using Calibrated function generator
	10000 rpm to 50000 rpm	1.3 rpm	
	50000 rpm to 100000 rpm	2.4 rpm	
2. CONTACT TACHOMETER, SPEED INDICATOR, STROBOSCOPE [§]	100 rpm to 10000 rpm	1.6 rpm	Using Variable speed drive Reference tachometer
3. LABORATORY CENTRIFUGE/ MST APPARATUS [§]	60 rpm to 10000 rpm	1.0 rpm	Using Reference tachometer
	10000 rpm to 50000 rpm	2.1 rpm	

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VIII. PRESSURE & VACUUM

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|--|---------------------------------------|--------------------------------|--|
| 1. BAROMETRIC PRESSURE \$ | >600 mbar to 1300 mbar | 0.02 % of rdg. | Using 30- 2000 mbar ADWT (Abs.) PU Sl.no.:S674 & Cap. Diph Gauge by Direct Method as per DKD R 6-1 |
| 2. GAUGE PRESSURE : PRESSURE TRANSDUCERS, PRESSURE CALIBRATORS, PRESSURE TRANSMITTERS, PRESSURE GAUGES, PRESSURE SWITCHES \$ | 1 bar to 60 bar
60 bar to 1200 bar | 0.02 % of rdg.
0.024 % rdg. | Using Budenberg Dead Weight Testers of range 1-1200 kg/cm ² -PCU Sl.No.844K by Direct Method As per DKD R 6-1 |
| 3. ABSOLUTE PRESSURE \$ PNEUMATIC PRESSURE TRANSDUCERS, PRESSURE CALIBRATORS, PRESSURE TRANSMITTERS, PRESSURE GAUGES, PRES SURE SWITCHES. | 30 mbar (abs) to 2000 mbar (abs) | 0.021 % rdg | Using 30- 2000 mbar ADWT (Abs.) PU Sl.no.:S674 & Cap. Diph Gauge by Direct Method as per DKD R 6-1 |
| 4. ABSOLUTE PRESSURE PNEUMATIC PRESSURE TRANSDUCERS, PRESSURE CALIBRATORS, PRESSURE TRANSMITTERS, PRESSURE GAUGES \$ | 0.25 bar (abs) to 20 bar (abs) | 0.015 % rdg | Using 0.25- 20bar ADWT (Abs.) PU Sl.no.:K858 & Cap. Diph Gauge by Direct Method as per DKD R 6-1 |

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5. GAUGE VACUUM/ NEGATIVE GAUGE PRESSURE, PRESSURE GAUGES, TRANSDUCERS, TRANSMITTERS, CALIBRATORS, SWITCHES. \$	-15 mbar g to -980 mbar g	0.015 % rdg	Using -1000 mbar range of \pm 1000 mbar Budenberg Air Dead Weight Tester PCU Sl.no.:A5175 by Direct Calibration as per DKD R 6-1
6. LOW PRESSURE GAUGE AND DIFFERENTIAL PNEUMATIC TRANSDUCERS, TRANSMITTERS, CALIBRATORS, GAUGES, SWITCHES \$	0.2 mbar to 3.2 mbar 3.2 mbar to 9.5 mbar 10 mbar to 160 mbar	0.50 % rdg 0.15 % rdg 0.077 % rdg	Using Pressurements Very Low Pressure DWT. Range 0.2 to 160 mbar g Sl.No.2123711 by Direct Method as per DKD R 6-1
7. GAUGE DIFFERENTIAL PRESSURE –PNEUMATIC TRANSDUCERS, TRANSMITTERS, CALIBRATORS, GAUGES, SWITCHES \$	30 mbar g to 2000 mbar g	0.023 % rdg	Using 30- 2000 mbar g ADWT PU Sl.no.:S674 by Direct Method as per DKD R 6-1
8. GAUGE DIFFERENTIAL PRESSURE TRANSDUCERS PNEUMATIC DEAD WEIGHT TESTERS \$	0.25 bar g to 20 bar g	0.17 % rdg	Using 0.25- 20bar ADWT PU Sl.no.:K858 Direct Method as per DKD R 6-1
9. GAUGE DIFFERENTIAL PRESSURE PNEUMATIC TRANSDUCERS, CALIBRATORS, TRANSMITTERS, GAUGES, SWITCHES \$	14 bar to 140 bar g	0.06 % rdg	Using 1- 140bar ADWT Sl.no.:3026311 Direct Method as per DKD R 6-1

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10. DIGITAL GAUGES, DIAL GAUGE & TRANSMITTERS *			
-GAUGE/ DIFFERENTIAL PRESSURE	-10 mbar to +10 mbar	0.20 % FS	Using Beamex MC5 Precision Portable Calibrator by Comparison Method
-GAUGE/DIFFERENTIAL PRESSURE	0 to 100 mbar	0.16 % FS	
-GAUGE /DIFFERENTIAL PRESSURE	0 to 2 bar	0.25 % FS	
-GAUGE /DIFFERENTIAL PRESSURE	0 to -0.95 bar	0.25 % FS	
-GAUGE PRESSURE	0 to 20 bar	0.20 % FS	
- GAUGE PRESSURE	0 to 100 bar	0.20 % FS	
- GAUGE PRESSURE	0 to 250 bar	0.25 % FS	
- GAUGE PRESSURE	0 to 1000 bar	0.20 % FS	
11. DIGITAL GAUGE, DIAL GAUGE & TRANSMITTERS ABSOLUTE PRESSURE, BAROMETRIC PRESSURE *	35 mbar abs to 2600 mbar abs	0.05 % FS	Using Druck DPI 141 35 – 2600 mbar abs calibrator by Comparison Method
12. DIGITAL GAUGE, DIAL GAUGE & TRANSMITTERS - ABSOLUTE PRESSURE *	0.1 bar abs to 20 bar abs	0.1 % FS	Using Druck DPI 141 0-20 bar abs calibrator by Comparison Method

Shally Sharma
 Convenor

Avijit Das
 Program Manager

Laboratory Fluid Control Research Institute, Kanjikode West, Palakkad, Kerala
Accreditation Standard ISO/IEC 17025: 2005
Discipline Mechanical Calibration **Issue Date** 01.07.2015
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Quantity Measured/ Instrument	Range / Frequency	*Calibration Measurement Capability (\pm)	Remarks
IX. TORQUE			
1. TORQUE WRENCHES ^{\$} TYPE 1: INDICATING HAND TORQUE TOOLS LIKE DIAL TORQUE WRENCHES TYPE 2: SETTING TORQUE TOOLS LIKE CLICK TYPE TORQUE WRENCHES	Upto 1000 Nm 5 Nm to 1000 Nm	1.97 % of rdg	Using Torque transducers 50Nm (Sl.No 88793), 500 Nm (Sl.No. 88547) 3000 Nm(79784) & Standard weights as per ISO 6789: 2003

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

^{\$} Only in Permanent Laboratory

* Only for Site Calibration

[#] The laboratory is also capable for site calibration however, the uncertainty at site depends on the prevailing actual environmental conditions and master equipment used.

^o Laboratory can also calibrate instruments/devices of coarser resolution / least count within the accredited range using same reference standard/ master equipment under the scope of accreditation.

Shally Sharma
 Convenor

Avijit Das
 Program Manager