

PRE

**RECOMMENDED SCOPE OF ACCREDITATION**  
(For Calibration Laboratories)

Laboratory: Prism Calibration Centre, Ahmedabad				Date(s) of Visit : 07-08/10/2017			
Facility : Calibration				Discipline(s): Mechanical ( Pressure )			
Sl	Parameter*/ Device under calibration	Master equipment used	Range(s) of measurement ( bar )	Calibration and Measurement Capability**			Remarks+/ Method used
				Claimed by Laboratory ± (bar)	Observed by assessor ± (bar)	Recommended by Assessor ± (bar)	
<b>At Permanent as well as On Site Laboratory</b>							
1	Low Pressure Gauge (Analog/Digital)	Using Digital Pressure Calibrator & Low Pressure Pump	0 - 19.61 mbar	0.079 mbar	0.083 mbar	0.083 mbar	by Comparison method ( DKD - R6-01 )
2	Pressure Gauge / Pressure Switch / Safety Valve / Pressure Transmitter (Analog/Digital)	Using Digital Pressure Gauge & Pneumatic Pressure Pump	0 to 2	0.004	0.0036	0.004	by Comparison method ( DKD - R6-01 )
			2 to 20	0.03	-	0.03	
3	Pressure Gauge / Pressure Switch / Safety Valve / Pressure Transmitter (Analog/Digital)	Using Digital Pressure Calibrator & Hydraulic Pressure Pump and Digital Multimeter	20 to 340	0.23	0.22	0.23	by Comparison method ( DKD - R6-01 )
			340 to 700	0.46	--	0.46	
			700 to 1000	1.32	1.7	1.7	
4	Vacuum Gauge / Switch / Transmitter ( Analog / Digital)	Using Digital Vacuum Gauge & Vacuum Pump / Digital Multimeter	-0.9 to 0	0.006	0.0036	0.006	by Comparison method ( DKD - R6-02 )
<p>* Only for Electro-technical discipline; scope shall be recommended parameter wise (where applicable) and the ranges may be mentioned frequency wise.</p> <p>** NABL 143 shall be referred for the recommendation of CMC</p> <p>+ Remarks shall also include whether the same scope is applicable for site calibration as well. NABL 130 shall be referred while recommending the scope for site calibration.</p>							
<p>Signature, Date &amp; Name of Lab Representative</p> <p><i>Parthiv Kinarwala</i></p>				<p>Signature, Date &amp; Name of Assessor(s)</p> <p><i>A.L. Gajare</i> 08/10/2017</p>		<p>Signature, Date &amp; Name of Lead Assessor</p> <p><i>Mr. Gautam Pal</i></p>	