



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

ELECTRONET EQUIPMENTS PVT LTD, ELECTRONET EQUIPMENTS CALIBRATION LABORATORY, PLOT NO 84,85,86 TINY INDUSTRIAL ESTATE ,KONDHWA, PUNE, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

CC-2831

Page No

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Validity

08/09/2020 to 07/09/2022

Last Amended on

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S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured / Instrum	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
Permanent Facility					
1	FLUID FLOW-FLOW MEASURING DEVICES	MASS FLOW RATE\$ (Media Water)	Using Calibration Rig (1 Ton Capacity) consisting of Diverter, Weigh Scale, Timer and Density Hydrometer by Gravimetric Method as per ISO 4185	560 kg/hr to 56000 kg/hr	0.20%
2	FLUID FLOW-FLOW MEASURING DEVICES	MASS FLOW RATE\$ (Media Water)	Calibration Rig (8 Ton Capacity) consisting of Diverter, Weigh Scale & Timer by Gravimetric Method as per ISO 4185	1200 kg/hr to 300000 kg/hr	0.24%
3	FLUID FLOW-FLOW MEASURING DEVICES	QUANTITY BY MASS (Media Water)	Using Weigh Scale (1 Ton Capacity) Calibration Rig	0 to 1000 kg	0.035%
4	FLUID FLOW-FLOW MEASURING DEVICES	QUANTITY BY MASS (Media Water)	Weigh Scale (8 Ton Capacity) Calibration Rig	0 to 6600 kg	0.035%
5	FLUID FLOW-FLOW MEASURING DEVICES	QUANTITY BY VOLUME (Media Water)	Using Weigh Scale (1 Ton Capacity) of the Calibration Rig	0 to 1000 L	0.05%



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6	FLUID FLOW-FLOW MEASURING DEVICES	QUANTITY BY VOLUME (Media Water)	Weigh Scale (8 Ton Capacity) Calibration Rig	0 to 6600 L	0.05%
7	FLUID FLOW-FLOW MEASURING DEVICES	VOLUMETRIC FLOW RATE\$ (Media Water)	Using Calibration Rig (1 Ton Capacity)consisting of Diverter, Weigh Scale, Timer and Density Hydrometer by Gravimetric Method as per ISO 4185	0.56 m ³ /hr to 56 m ³ /hr	0.20%
8	FLUID FLOW-FLOW MEASURING DEVICES	VOLUMETRIC FLOW RATE\$ (Media Water)	Using Calibration Rig (8 Ton Capacity) consisting of Diverter, Weigh Scale, Timer and Density Hydrometer by Gravimetric Method as per ISO 4185	1.2 m ³ /hr to 300 m ³ /hr	0.25%
9	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Pressure Dial and Digital Pressure Gauges, Pressure Transmitters	Using Digital Pressure Gauge with Hydraulic Pump by Comparison Method as per DKD R-6-1	0 to 700 bar	0.20bar



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10	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Pressure Dial and Digital Absolute Pressure Gauges, Absolute Pressure Transmitters	Using Digital Pressure Gauge & Transmitter With Pneumatic Pump By Comparison Method As per DKD-R-6-1	0.20 bar (a) to 10 bar (a)	0.0015bar (abs)
11	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Pressure Dial and Digital Pressure Gauge, Pressure Transmitters	Using Digital Pressure Gauge with Pneumatic Pump by Comparison Method as per DKD R-6-1	>10 bar to 30 bar	0.041bar
12	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Pressure Dial and Digital Pressure Gauges, Pressure Transmitters	Using Digital Pressure Gauge & Transmitter With Pneumatic Pump By Comparison Method As per DKD-R-6-1	>10 mbar to 100 mbar	0.15bar
13	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Pressure Dial and Digital Pressure Gauges, Pressure Transmitters	Using Digital Pressure Gauge & Transmitter With Pneumatic Pump By Comparison Method As per DKD-R-6-1	>100 mbar to 1000 mbar	1mbar
14	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Pressure Dial and Digital Pressure Gauges, Pressure Transmitters	Using Digital Pressure Gauge & Transmitter With Pneumatic Pump By Comparison Method As per DKD-R-6-1	>2 bar to 10 bar	0.015bar



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15	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Pressure Dial and Digital Pressure Gauges, Pressure Transmitters	Using Digital Pressure Gauge & Transmitter With Pneumatic Pump By Comparison Method As per DKD-R-6-1	1 bar to 2 bar	0.0025bar
16	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Pressure Dial and Digital Pressure Gauges, Pressure Transmitters	Using Digital Pressure Gauge & Transmitter With Pneumatic Pump By Comparison Method As per DKD-R-6-1	0 to 10 mbar	0.02mbar
17	MECHANICAL-PRESSURE INDICATING DEVICES	Vacuum Dial and Digital Vacuum Gauges, Vacuum Transmitters	Using Digital Vacuum Gauge with Vacuum Pump by Comparison Method as per DKD R-6-2	-0.77 bar to 0.0 bar	0.0003bar

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