



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** 1 of 5

Validity 17/11/2022 to 16/11/2024 **Last Amended on** 11/01/2023

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	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 RATES (Media Water)	Using 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%
2	FLUID FLOW-FLOW MEASURING DEVICES	MASS FLOW RATES (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%
3	FLUID FLOW-FLOW MEASURING DEVICES	QUANTITY BY MASS (Media Water)	Using Weigh Scale (1 Ton Capacity) Calibration Rig	10 kg to 1000 kg	0.035%
4	FLUID FLOW-FLOW MEASURING DEVICES	QUANTITY BY MASS (Media Water)	Using Weigh Scale (8 Ton Capacity) Calibration Rig	860 kg 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	10 L to 1000 L	0.05%



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6	FLUID FLOW-FLOW MEASURING DEVICES	QUANTITY BY VOLUME (Media Water)	Using Weigh Scale (8 Ton Capacity) Calibration Rig	850 L to 6600 L	0.05%
7	FLUID FLOW-FLOW MEASURING DEVICES	VOLUMETRIC FLOW RATES (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 RATES (Media Water)	Using Calibration Rig (8 Ton Capacity) consisting of Diverter, Weigh Scale, Timer and Density Hydrometer by Gravimetric Method as per ISO 4185	4.9 m ³ /hr to 300 m ³ /hr	0.25%
9	MECHANICAL-PRESSURE INDICATING DEVICES	Absolute Pressure : Absolute DIGITAL PRESSURE INDICATOR & Absolute PRESSURE TRANSMITTERS With 4 to 20 mA Current Output	Using Process Calibrator & Universal Calibrator using Pneumatic Pump By Comparison Method As per DKD-R 6-1	0.20 bar(abs) to 10 bar (abs)	0.011bar (abs)



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10	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure Hydraulic: DIAL PRESSURE GAUGES, DIGITAL PRESSURE INDICATOR & PRESSURE TRANSMITTERS With 4 to 20 mA Current Output	Using Process Calibrator & Universal Calibrator using Hydraulic Pump by Comparison Method as per DKD- R 6-1	0 bar to 700 bar	0.20bar
11	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure Pneumatic: DIAL PRESSURE GAUGES, DIGITAL PRESSURE INDICATOR & PRESSURE TRANSMITTER With 4 to 20 mA Current Output	Using Digital Pressure Transmitter & Universal Calibrator using Pneumatic Pump By Comparison Method As per DKD-R 6-1	0 bar to 2 bar	0.0025bar
12	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure Pneumatic: DIAL PRESSURE GAUGES, DIGITAL PRESSURE INDICATOR & PRESSURE TRANSMITTER With 4 to 20 mA Current Output	Using Digital Pressure Transmitter & Universal Calibrator using Pneumatic Pump By Comparison Method As per DKD-R 6-1	0.00 mbar to 100 mbar	0.15bar



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13	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure Pneumatic: DIAL PRESSURE GAUGES, DIGITAL PRESSURE INDICATOR & PRESSURE TRANSMITTERS With 4 to 20 mA Current Output	Using Digital Pressure Gauge & Universal Calibrator using Pneumatic Pump by Comparison Method as per DKD- R 6-1	0.0 bar to 30 bar	0.041bar
14	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure Pneumatic: DIAL PRESSURE GAUGES, DIGITAL PRESSURE INDICATOR & PRESSURE TRANSMITTERS With 4 to 20 mA Current Output	Using Digital Pressure Transmitter & Universal Calibrator using Pneumatic Pump By Comparison Method As per DKD-R 6-1	0.00 bar to 10 bar	0.015bar
15	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure Pneumatic: DIAL PRESSURE GAUGES, DIGITAL PRESSURE INDICATOR & PRESSURE TRANSMITTERS With 4 to 20 mA Current Output	Using Digital Pressure Transmitter & Universal Calibrator using Pneumatic Pump By Comparison Method As per DKD-R 6-1	0.00 mbar to 10 mbar	0.02mbar



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16	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure Pneumatic: DIAL PRESSURE GAUGES, DIGITAL PRESSURE INDICATOR & PRESSURE TRANSMITTERS With 4 to 20 mA Current Output	Using Digital Pressure Transmitter & Universal Calibrator using Pneumatic Pump By Comparison Method As per DKD-R 6-1	0.00 mbar to 1000 mbar	1.06mbar
17	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure Pneumatic: DIAL VACUUM GAUGES, DIGITAL VACUUM INDICATOR & VACUUM TRANSMITTER With 4 to 20 mA Current Output	Using Process Calibrator & Universal Calibrator using Vacuum pump by Comparison Method as per DKD-R 6-1	-0.77 bar to 0.00 bar	0.0003bar

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