



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name PRISM CALIBRATION CENTRE, GF-101,F/101,101 A,B, TF-85 TO101 RUDRAKSH COMPLEX-II,, AHMEDABAD, --SELECT DISTRICT--, GUJARAT , INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-2480 Page No. : 9 / 60

Validity 26/11/2019 to 25/11/2021 Last Amended on 05/12/2019

S.No	Discipline / Group	Quantity Measured/ Instrument	Range / Frequency	* Calibration Measurement Capability(±)	Remarks
55	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	T Type Thermocouple	-50 °C to 400 °C	0.76°C to 0.77°C	Using Advance Modular Calibrator/Universal Calibrator/Process Source By Direct Method
56	ELECTRO-TECHNICAL- TIME & FREQUENCY (Measure)	Digital Timer,Time Totalizer,Digital Stopwatch,Totalizer,Programmable Timer.	1 hr to 24 hr	1.30Sec to 5.18Sec	Using Digital Time Interval Meter By Direct/Comparison Method
57	ELECTRO-TECHNICAL- TIME & FREQUENCY (Measure)	Digital Timer,Time Totalizer,Digital Stopwatch,Totalizer,Programmable Timer.	2 mSec to 1 hr	0.013 Sec to 1.30Sec	Using Digital Time Interval Meter By Direct/Comparison Method
58	ELECTRO-TECHNICAL- TIME & FREQUENCY (Measure)	Frequency	10 Hz to 50 kHz	0.04% to 0.03%	Using 6½ Digit Multimeter By Direct/Comparison Method
59	ELECTRO-TECHNICAL- TIME & FREQUENCY (Source)	Frequency	10 Hz to 50 kHz	0.58% to 0.02%	Using Advance Modular Calibrator By Direct Method
60	FLUID FLOW- FLOW MEASURING DEVICES	All Flow Rate Metering Devices such as Digital Flow Meter, Air Flow Meter, Laminar Flow Meter/Element,Dry Gas Meter,Flow Data Logger. Mass Flow Controller, Rotameter.	50 LPM to 300 LPM	3.40%Rdg to 3.40%Rdg	Using Orifice Flow Meter By Comparison Method



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61	FLUID FLOW- FLOW MEASURING DEVICES	Flow Rate Of Rota meter Calibrator/Sampling Pump,Digital Air Flow meter,	5 LPM to 50 LPM	1.00%Rdg to 1.1%Rdg	Using Laminar Flow Calibrator/ Air Flow Calibrator By Comparison Method
62	FLUID FLOW- FLOW MEASURING DEVICES	Flow Rate Of Rota meter Calibrator/Sampling Pump,Digital Air Flow meter.	0.5 LPM to 5 LPM	1.00%Rdg to 1.00%Rdg	Using Laminar Flow Calibrator/ Air Flow Calibrator By Comparison Method
63	FLUID FLOW- FLOW MEASURING DEVICES	Velocity/Pitot Tube/Anemometer	0.65 m/s to 3.0 m/s	7.3%Rdg to 7.3%Rdg	Using Air Velocity With Indicator
64	FLUID FLOW- FLOW MEASURING DEVICES	Velocity/Pitot Tube/Anemometer	3.00 m/s to 20.00 m/s	1.9% Rdg to 1.9%Rdg	Using Hot Wire Anemomter By Comparison Method
65	MECHANICAL- ACCELERATION AND SPEED	Tachometer, Calibrator,Centrifuge Machine (Contact Type)	55.0 RPM to 2998 RPM	2.6RPM to 7.7RPM	Using Digital Tachometer & Tachometer Calibrato By Comparison Method
66	MECHANICAL- ACCELERATION AND SPEED	Tachometer, Calibrator,Centrifuge Machine (Noncontact Type)	1000 RPM to 50000 RPM	2.9RPM to 30.3RPM	Using Digital Tachometer & Tachometer Calibrator By Comparison Method
67	MECHANICAL- ACCELERATION AND SPEED	Tachometer, Calibrator,Centrifuge Machine (Noncontact Type)	53 RPM to 1000 RPM	1.8RPM to 2.9RPM	Using Digital Tachometer & Tachometer Calibrator By Comparison Method
68	MECHANICAL- ACOUSTICS	Sound level meter	1 kHz , 94 dB to 114 dB	1.1dB	Using Sound level calibrator along with meter