



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. : 18 / 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
111	MECHANICAL-TORQUE GENERATING DEVICES	Torque Tools of Type 1 and 2 Of Type 1 Class B,C,D & E Type 2 Class A,B,D,E	200 Nm to 2000 Nm	0.75%	Using Three Calibrated Torque Transducer of 20,200 and 2000 N.m Capacity Along with peak holding facility digital indicator in torque wrench calibrating machine , ISO 6789-2003
112	MECHANICAL-VOLUME	Glass Burette	1 ml to 10 ml	2.4µl	Using Digital Precision Balance and Distilled water of Known density as per ISO 4787 & ISO/TR 20461
113	MECHANICAL-VOLUME	Glass Burette	10 ml to 50 ml	8.1µl	Using Digital Precision Balance and Distilled water of Known density as per ISO 4787 & ISO/TR 20461
114	MECHANICAL-VOLUME	Glass Burette	50 ml to 100 ml	2.94µl	Using Digital Precision Balance and Distilled water of Known density as per ISO 4787 & ISO/TR 20461
115	MECHANICAL-VOLUME	Glass Pipette (Graduated/Non Graduated)	0.1 ml to 1 ml	0.4µl	Using Digital Precision Balance and Distilled water of Known density as per ISO 4787 & ISO/TR 20461



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116	MECHANICAL-VOLUME	Glass Pipette (Graduated/Non Graduated)	1 ml to 10 ml	2.4µl	Using Digital Precision Balance and Distilled water of Known density as per ISO 4787 & ISO/TR 20461
117	MECHANICAL-VOLUME	Glass Pipette (Graduated/Non Graduated)	10 ml to 50 ml	9.44µl	Using Digital Precision Balance and Distilled water of Known density as per ISO 4787 & ISO/TR 20461
118	MECHANICAL-VOLUME	Measuring Cylinder/Volumetric Flask/Conical Flask/Beaker	1 ml to 50 ml	0.80µl	Using Digital Precision Balance and Distilled water of Known density as per ISO 4787 & ISO/TR 20461
119	MECHANICAL-VOLUME	Measuring Cylinder/Volumetric Flask/Conical Flask/Beaker	100 ml to 1000 ml	0.24ml	Using Digital Precision Balance and Distilled water of Known density as per ISO 4787 & ISO/TR 20461
120	MECHANICAL-VOLUME	Measuring Cylinder/Volumetric Flask/Conical Flask/Beaker	1000 ml to 5000 ml	1.2ml	Using Digital Precision Balance and Distilled water of Known density as per ISO 4787 & ISO/TR 20461
121	MECHANICAL-VOLUME	Measuring Cylinder/Volumetric Flask/Conical Flask/Beaker	50 ml to 100 ml	1.1µl	Using Digital Precision Balance and Distilled water of Known density as per ISO 4787 & ISO/TR 20461



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122	MECHANICAL-VOLUME	Measuring Cylinder/Volumetric Flask/Conical Flask/Beaker	5000 ml to 10000 ml	7mlml	Using Digital Precision Balance and Distilled water of Known density as per ISO 4787 & ISO/TR 20461
123	MECHANICAL-VOLUME	Piston Pipette / Micropipette	10 µl to 100 µl	0.23µl	Using Digital Weighing balances upto 100g/200g readability 0.01mg/0.1mg and distilled water of known density as per IS 8655-6 & ISO/TR 20461
124	MECHANICAL-VOLUME	Piston Pipette / Micropipette	100 µl to 500 µl	0.4µl	Using Digital Weighing balances upto 100g/200g readability 0.01mg/0.1mg and distilled water of known density as per IS 8655-6 & ISO/TR 20461
125	MECHANICAL-VOLUME	Piston Pipette / Micropipette	500 µl to 1000 µl	0.65µl	Using Digital Weighing balances upto 100g/200g readability 0.01mg/0.1mg and distilled water of known density as per IS 8655-6 & ISO/TR 20461
126	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Balance d=0.01mg and coarser	0 g to 100 g	0.076mg	E2 class std. weights & Calibration of Electronics Weighing Balance of class I and coarser as per OIML R-76-1



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S.No	Discipline / Group	Quantity Measured/ Instrument	Range / Frequency	* Calibration Measurement Capability(±)	Remarks
127	MECHANICAL- WEIGHING SCALE AND BALANCE	Weighing Balance d=0.1mg and coarser	100 g to 220 g	0.095mg	E2 class std. weights & Calibration of Electronics Weighing Balance of class I and coarser as per OIML R- 76-1
128	MECHANICAL- WEIGHING SCALE AND BALANCE	Weighing Balance d=100mg and coarser	6 kg to 20 kg	79mg	F1 class std. weights & Calibration of Electronics Weighing Balance and coarser as per OIML R-76-1,
129	MECHANICAL- WEIGHING SCALE AND BALANCE	Weighing Balance d=10mg and coarser	1 kg to 6 kg	6mg	F1 class std. weights & Calibration of Electronics Weighing Balance and coarser as per OIML R-76-1
130	MECHANICAL- WEIGHING SCALE AND BALANCE	Weighing Balance d=1mg and coarser	220 g to 1 kg	0.69mg	F1 class std. weights & Calibration of Electronics Weighing Balance and coarser as per OIML R-76-1
131	MECHANICAL- WEIGHING SCALE AND BALANCE	Weighing Balance d=50g and coarser	100 kg to 300 kg	33g	F1 class std. weights & Calibration of Electronics Weighing Balance of class III and coarser as per OIML R- 76-1
132	MECHANICAL- WEIGHING SCALE AND BALANCE	Weighing Balance d=5g/10g and coarser	20 kg to 100 kg	5.8g	F1 class std. weights & Calibration of Electronics Weighing Balance and coarser as per OIML R-76-1



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S.No	Discipline / Group	Quantity Measured/ Instrument	Range / Frequency	* Calibration Measurement Capability(\pm)	Remarks
133	MECHANICAL-WEIGHTS	Weights	1 kg	1.16mg	Using F1 Class Standard Weights and Precision Balance of Readability: 1 mg up to 1 kg and ABBA Weighing Cycle Procedure based on OIML R 111
134	MECHANICAL-WEIGHTS	Weights	10 kg	90mg	Using F1 Class Standard Weights and Precision Balance of Readability: 100 mg up to 20 kg and ABBA Weighing Cycle Procedure based on OIML R 111
135	MECHANICAL-WEIGHTS	Weights	100 g	0.1g	Using E2 Class Standard Weights and Precision Balance of Readability: 0.01 mg up to 80 g and Readability: 0.1 mg up to 220 g by substitution method of Weighing and ABBA Weighing Cycle Procedure based on OIML R 111



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S.No	Discipline / Group	Quantity Measured/ Instrument	Range / Frequency	* Calibration Measurement Capability(\pm)	Remarks
136	MECHANICAL-WEIGHTS	Weights	2 kg	9mg	Using F1 Class Standard Weights and Precision Balance of Readability: 10 mg up to 6 kg and ABBA Weighing Cycle Procedure based on OIML R 111
137	MECHANICAL-WEIGHTS	Weights	20 kg	90mg	Using F1 Class Standard Weights and Precision Balance of Readability: 100 mg up to 20 kg and ABBA Weighing Cycle Procedure based on OIML R 111
138	MECHANICAL-WEIGHTS	Weights	200 g	0.1g	Using E2 Class Standard Weights and Precision Balance of Readability: 0.01 mg up to 80 g and Readability: 0.1 mg up to 220 g by substitution method of Weighing and ABBA Weighing Cycle Procedure based on OIML R 111



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S.No	Discipline / Group	Quantity Measured/ Instrument	Range / Frequency	* Calibration Measurement Capability(\pm)	Remarks
139	MECHANICAL-WEIGHTS	Weights	5 g	0.012mg	Using E2 Class Standard Weights and Precision Balance of Readability: 0.01 mg up to 80 g and Readability: 0.1 mg up to 220 g by substitution method of Weighing and ABBA Weighing Cycle Procedure based on OIML R 111
140	MECHANICAL-WEIGHTS	Weights	5 kg	13mg	Using F1 Class Standard Weights and Precision Balance of Readability: 10 mg up to 6 kg and ABBA Weighing Cycle Procedure based on OIML R 111
141	MECHANICAL-WEIGHTS	Weights	50 g	0.025mg	Using E2 Class Standard Weights and Precision Balance of Readability: 0.01 mg up to 80 g and Readability: 0.1 mg up to 220 g by substitution method of Weighing and ABBA Weighing Cycle Procedure based on OIML R 111



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S.No	Discipline / Group	Quantity Measured/ Instrument	Range / Frequency	* Calibration Measurement Capability(\pm)	Remarks
142	MECHANICAL-WEIGHTS	Weights	50 kg	4.1g	Using F1 Class Standard Weights and Precision Balance of Readability: 5g/10g up to 100 kg and ABBA Weighing Cycle Procedure based on OIML R 111
143	MECHANICAL-WEIGHTS	Weights	500 g	0.91mg	Using F1 Class Standard Weights and Precision Balance of Readability: 1 mg up to 1 kg and ABBA Weighing Cycle Procedure based on OIML R 111
144	MECHANICAL-WEIGHTS	Weights	500 mg	0.01mg	Using E2 Class Standard Weights and Precision Balance of Readability: 0.01 mg up to 100 g and Readability: 0.1 mg up to 220 g by substitution method of Weighing and ABBA Weighing Cycle Procedure based on OIML R 111
145	MEDICAL DEVICES-IMAGING/PLOTTERS	Amplitude	0.05 mV to 5.0 mV	4.30% to 4.30%	Using Vital Sign Simulator Prosim 4 By Direct Method
146	MEDICAL DEVICES-IMAGING/PLOTTERS	Chasis Leakage		5.0%	Using Electrical Safety Analyzer ESA 615 By Direct Method