

Quality And Accreditation Institute

Centre for International Accreditation



Certificate of Accreditation

Jalandhar Calibration Laboratory
Indian Oil Corporation Limited (Marketing Division)

Suchi Pind
Jalandhar-144009, Punjab, India

has been assessed and accredited in accordance with the Standard
ISO/IEC 17025:2017

“General Requirements for the Competence of Testing and Calibration Laboratories”
In the field of
Calibration

*This certificate remains valid for the Scope of Accreditation as specified
in the annexure subject to continued compliance to the above standard &
any other requirements specified by QAI.*



QAI/CIA/CL/2026/0012

Valid from: 23 October 2026

Valid until: 22 October 2028

Dr. Bhupendra Kumar Rana
Chief Executive Officer

Prof. Vikram Kumar
Chair, CIA



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Scope of Accreditation
Jalandhar Calibration Laboratory
Indian Oil Corporation Limited (Marketing Division)
Suchi Pind,
Jalandhar-144009, Punjab, India

QAI/CIA/CL/2026/0012

Valid from: 23 October 2026
Valid until: 22 October 2028

Accreditation Standard: ISO/IEC 17025:2017

Mechanical Discipline- Density & Viscosity				
Sl. No.	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) ($\pm$)
At Permanent Laboratory				
1.	Density Hydrometer	Using Standard Hydrometer and density Liquids by Comparison Method as per IS 3104 (Part-II)-1982	0.700-0.750 g/cm ³	± 0.0009 g/cm ³
2.	Density Hydrometer	Using Standard Hydrometer and density Liquids by Comparison Method as per IS 3104 (Part-II)-1982	0.750-0.800 g/cm ³	± 0.0009 g/cm ³
3.	Density Hydrometer	Using Standard Hydrometer and density Liquids by Comparison Method as per IS 3104 (Part-II)-1982	0.800-0.850 g/cm ³	± 0.0009 g/cm ³



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Thermal Discipline- Temperature				
Sl. No.	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) ($\pm$)
At Permanent Laboratory				
1.	Liquid in Glass Thermometer	Using RTD with Temperature Indicator & Liquid Bath by Comparison Method as per IS 6274:1971	0 to 25°C	$\pm 0.40^{\circ}\text{C}$
2.	Liquid in Glass Thermometer	Using RTD with Temperature Indicator & Liquid Bath by Comparison Method as per IS 6274:1971	25 to 90°C	$\pm 0.40^{\circ}\text{C}$

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

