



NABL

National Accreditation Board for Testing and Calibration Laboratories

(An Autonomous Body under Department of Science & Technology, Govt. of India)

CERTIFICATE OF ACCREDITATION

CALITRON CALIBRATION LABORATORY

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2005

"General Requirements for the Competence of Testing & Calibration Laboratories"

for its facilities at

U1: 207, Kohinoor Arcade, Tilak Chowk, Nigdi, Pune, Maharashtra

in the discipline of

THERMAL CALIBRATION

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Certificate Number C-0209

Issue Date 13/07/2016



Valid Until 12/07/2018

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the additional requirements of NABL.

Signed for and on behalf of NABL

Avijit Das
Program Manager

Anil Rella
Director

Prof. S. K. Joshi
Chairman



रा.प्र.प्र.बो.

राष्ट्रीय परीक्षण और अंशशोधन प्रयोगशाला प्रत्यायन बोर्ड

(विज्ञान एवं प्रौद्योगिकी विभाग, भारत सरकार के अधीन स्वायत्तशासी निकाय)

प्रत्यायन प्रमाण-पत्र

केलिट्रॉन कैलिव्रेशन लेबोरेटरी

का मूल्यांकन और प्रत्यायन निम्न मानक के अनुसार

आई.एस.ओ./आई.ई.सी. 17025:2005

“परीक्षण एवं अंशशोधन प्रयोगशालाओं की सक्षमता की सामान्य अपेक्षाएँ”

पुणे, महाराष्ट्र

में स्थित इसकी सुविधाओं के लिए

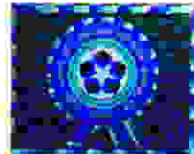
तापीय अंशशोधन

के विषय क्षेत्र में किया गया।

(इस प्रयोगशाला के प्रत्यायन के विषय क्षेत्र की जानकारी एन ए बी एल वेबसाइट www.nabi-india.org से भी प्राप्त कर सकते हैं)

प्रमाण-पत्र संख्या अ-0209

जारी करने की तिथि 13/07/2016



वैधता की तिथि 12/07/2018

यह प्रमाण-पत्र उपर्युक्त मानक तथा राष्ट्रीय परीक्षण और अंशशोधन प्रयोगशाला प्रत्यायन बोर्ड की अतिरिक्त अपेक्षाओं का निरंतर संतोषप्रद अनुपालन किए जाने पर अनुबंध में निर्दिष्टानुसार प्रत्यायन के क्षेत्र के लिए वैध रहेगा।

रा.प्र.प्र.बो. की ओर से हस्ताक्षरित

अ. कुसुम

अविजीत दास
कार्यक्रम प्रबन्धक

अनिल रेलिया

अनिल रेलिया
निदेशक

श्रीकृष्ण जोशी

पो. श्रीकृष्ण जोशी
अध्यक्ष



NABL

SCOPE OF ACCREDITATION

Laboratory	Calitron Calibration Laboratory, U1: 207, Kohinoor Arcade, Tilak Chowk, Nigdi, Pune, Maharashtra U2: 238, Kohinoor Majestic, MIDC Chinchwad, Pune, Maharashtra		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Thermal Calibration	Issue Date	13.07.2016
Certificate Number	C-0209	Valid Until	12.07.2018
Last Amended on	-	Page	1 of 2

Quantity Measured/ Instrument	Range / Frequency	Calibration Measurement Capability (\pm)	Remarks
LOCATION - I			
I. TEMPERATURE			
1. TEMPERATURE/ GLASS THERMOMETER ^S	(-) 75°C to 200 °C	0.4 °C	Using RTD(4W) with 6 & 1/2 Digit DMM, in Refrigerated and Oil Bath Comparison Method
2. TEMPERATURE/ TEMPERATURE GAUGES SENSOR WITH AND WITHOUT INDICATOR ^S INDICATORS OF TEMPERATURE BATHS, OVENS AT SINGLE POINT ^S	(-) 75 °C to (-) 30 °C	0.2 °C	Using RTD (4W) with 6 & 1/2 Digit DMM, in Refrigerated Comparison Method
	>(-)30 °C to 400 °C	0.26 °C	Using RTD(4W) with 6 & 1/2 Digit DMM, in dry Block Comparison Method
	>400 °C to 1000 °C	1.38 °C	Using S-Type Thermocouple with 6&1/2 Digit DMM in Dry Block Comparison Method
	>1000 °C to 1200 °C	2.3 °C	Using S-Type Thermocouple with 6 & 1/2 Digit DMM in Dry Block Comparison Method
3. NON-CONTACT TYPE INFRARED PYROMETERS ^S	50°C to 400 °C	3.7 °C	Using Infrared Pyrometers & black body Comparison Method
4. TEMPERATURE HUMIDITY METERS, INDICATORS OF ENVIRONMENT CHAMBERS ^S	20 °C to 50 °C	0.4 °C	Using Omega Make temperature Humidity Meter Comparison Method
	RH (25% to 90%) @25 °C	1.9 %	
5. TEMPERATURE/ TEMPERATURE GAUGES SENSOR WITH AND WITHOUT INDICATOR ^S	(-) 30 °C to 400 °C	0.26 °C	Using RTD(4W) with 6&1/2 Digit DMM, in Dry Block Comparison Method
	>400 °C to 1000 °C	1.38 °C	Using S-Type Thermocouple with 6 & 1/2 Digit DMM in Dry Block Comparison Method
	>1000 °C to 1200 °C	2.3 °C	Using S-Type Thermocouple with 6 & 1/2 Digit DMM in Dry Block Comparison Method

Dheeraj Chawal
Convenor

Avijit Das
Program Manager



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Last Amended on	-		

Quantity Measured/ Instrument	Range / Frequency	*Calibration Measurement Capability (\pm)	Remarks
LOCATION - 1			
6. TEMPERATURE INDICATOR OF CLIMATIC CHAMBERS FOR REFERENCE POINT AND SINGLE POINT HUMIDITY*	20 °C to 50 °C	0.4 °C	Using Omega makes Temperature Humidity Meter, & RTD(4W) with 6 & 1/2 Digit DMM Comparison Method
	RH (25% to 90%)	1.9%	
7. TEMPERATURE INDICATOR OF CHAMBERS, OVENS AND FURNACES AT MULTIPLE POSITIONS*	(-) 40 °C to 300 °C	4.61 °C	Using Multi Position Calibration & 9 RTD's/Thermocouples with Multi-channel Data Logger
	>300 °C to 1000 °C	5.54 °C	

*Measurement Capability is expressed as an uncertainty (\pm) at a confidence probability of 95%

*Only in Permanent Laboratory

*Only for Site Calibration

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