



NABL

**National Accreditation Board for
Testing and Calibration Laboratories**

Department of Science & Technology, India

CERTIFICATE OF ACCREDITATION

ALFATEK SERVICES

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

TRIVANDRUM

in the field of

THERMAL CALIBRATION

Certificate Number C -0362

Issue Date 29/09/2008

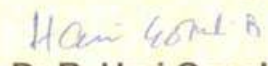
Valid Until 28/09/2010

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.

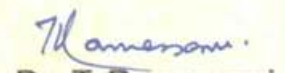
Signed for and on behalf of NABL


Bibin Philip

Convenor


Dr B. Hari Gopal

Director


Dr T. Ramasami

Chairman



NABL

Department of Science & Technology, India

SCOPE OF ACCREDITATION

Laboratory Alfatek Services, Trivandrum

Accreditation Standard ISO/IEC 17025: 2005

Field Thermal Calibration Issue Date 29.09.2008

Certificate Number C-0362 Valid Until 28.09.2010

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Quantity Measured / Instrument	Range	* Best Measurement Capability (\pm)	Remarks
<u>AT LABORATORY</u>			
1. TEMPRATURE VERIFICATION OF PRI AGEING CHAMBER	140°C	$\pm 0.41^\circ\text{C}$	Using Digital Thermometer with RTD
2. TEMPRATURE VERIFICATION OF RAPID PLASTIMETER	100°C	$\pm 1.04^\circ\text{C}$	Using Digital Thermometer with K Type Thermocouple
<u>ON SITE</u>			
1. TEMPRATURE VERIFICATION OF MOONEY SHEARING DISC VISCOMETER	100°C to 150°C	$\pm 0.48^\circ\text{C}$	Using Digital Thermometer with RTD
2. TEMPRATURE VERIFICATION OF OSCILLATING DISC RHEOMETER	100°C to 200°C	$\pm 0.48^\circ\text{C}$	Using Digital Thermometer with RTD
3. TEMPRATURE VERIFICATION OF MOVING DIE RHEOMETER	100°C to 200°C	$\pm 0.47^\circ\text{C}$	Using Digital Thermometer with RTD
4. TEMPRATURE VERIFICATION OF MUFFLE FURNACE	300°C to 900°C	$\pm 7.38^\circ\text{C}$	Using Digital Thermometer with K Type Thermocouple

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


Convenor