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	Dr B. Hari Gopal	Dr T. Ramasami
Convenor	Director	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
Last Amended on	-	Page	1 of 1

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

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

Convenor