NABL

National Accreditation Board for Testing and Calibration Laboratories

Department of Science & Technology, India

CERTIFICATE OF ACCREDITATION

LAWKIM LIMITED

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

MULUND

in the field of

THERMAL CALIBRATION

Certificate Number C-0065

Issue Date 03/12/2006 **Valid Until** 27/03/2008

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

Signed for and on behalf of NABL

Convenor	Director	Chairman
Dr. Rubeena Saleem	Dr. Sulbha M. Gupta	Dr. T. Ramasami

NABL

Department of Science & Technology, India

SCOPE OF ACCREDITATION

Laboratory	Lawkim Limited, Mulund		
Field	Thermal Calibration	Issue Date	03.12.2006
Certificate Number	C-0065	Valid Until	27.03.2008
Last Amended on	-	Page	1 of 1

Quantity Measured / Instrument	Range	* Best Measurement Capability (±)	Remarks
AT LABORATORY			
1. RTD SENSOR WITH AND WITHOUT INDICATOR	-25°C – 35°C	0.1°C	Using PRT-PT-100(24460/6), 7½ DMM (40202) & ISOTECH Dry Block Furnace-21285/2
	35°C – 300°C	0.1°C	Using PRT-PT-100(24460/6), 7½ DMM (40202) & ISOTECH Dry Block Furnace-24460/4
	300°C – 600°C	0.1°C	Using PRT-PT-100(24460/6), 7½ DMM (40202) & ISOTECH Dry Block Furnace-212285-1-2
2. T/C SENSOR WITH INDICATOR	600°C – 1000°C 1000°C – 1200°C	1.8°C 4.2°C	Using S-Type Thermocouple, Eurotherm Temp. Indicator (LQE022) & Dry Block Furnace 212285-1 or 24460/2
AT SITE			
3. RTD SENSOR WITH INDICATOR	-25°C – 35°C	0.6°C	Using PT-100 (RSPL-02), Eurotherm Temp. Indicator (LQE-021) & ISOTECH Dry Block Furnace 21228/2
	35°C – 300°C	0.8°C	Using PT-100 (RSPL-02), Eurotherm Temp. Indicator & ISOTECH Dry Block Furnace 24460/5
	300°C – 600°C	0.9°C	Using S-Type T/C (MTC-0650), Eurotherm Temp. Indicator & ISOTECH Dry Block Furnace 24460-1
4. T/C SENSOR WITH INDICATOR	600°C – 1000°C	1.8°C	Using S-Type T/C (MTC-0650), Eurotherm Temp. Indicator & ISOTECH Dry Block Furnace 24460-1

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

Rubeena Saleem

Convenor