



# NABL

**Department of Science & Technology, India**

## SCOPE OF ACCREDITATION

Laboratory	Mechanical Measurements Laboratory, Centre for Calibration, Nagman, Chennai		
Accreditation Standard	ISO/IEC 17025: 2005		
Field	Mechanical Calibration	Issue Date	03.02.2010
Certificate Number	C-0163	Valid Until	02.02.2012
Last Amended on	17.05.2010	Page	4 of 4

	Quantity Measured / Instrument	Range	* Calibration Measurement Capability ( $\pm$ )	Remarks
3.	MASS /WEIGHT BALANCE	Up to 220g Up to 2000g Up to 4000g Up to 7000g	1.3mg 10mg 32mg 200mg	Using Standard Weights .
4.	SOUND / SOUND LEVEL METER	94dB & 114dB	$\pm 1.22$ dB	Using Sound Level Calibrator
5.	SPEED(RPM) (NON-CONTACT TYPE)	125 to 10000 RPM 10000 to 25000 RPM	$\pm 4$ RPM $\pm 5$ RPM	Using Tachometer

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

Convenor