

Laboratory	Central Instrumentation Laboratory, Essar Steel India Ltd., 27 km Surat Hazira Road, Hazira, Surat, Gujarat		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Thermal Calibration	Issue Date	22.09.2016
Certificate Number	C-0739	Valid Until	21.09.2018
Last Amended on	-	Page	1 of 1

	Quantity Measured/ Instrument	Range / Frequency	*Calibration Measurement Capability (\pm)	Remarks
I.	TEMPERATURE			
1.	RTD, THERMOCOUPLE WITH OR WITHOUT INDICATOR, TEMPERATURE INDICATOR WITH SENSOR, TEMPERATURE GAUGE, INDICATOR OF BATH/OVEN/FURNACE AT SINGLE POSITION^{\$}	(-) 15 °C to 50 °C	0.58 °C	Using RTD (Pt-100) , Digital Temperature Indicator and Dry Block Temperature Baths by Comparison Method
2.	RTD, THERMOCOUPLE WITH OR WITHOUT INDICATOR, TEMPERATURE INDICATOR WITH SENSOR, TEMPERATURE GAUGE, INDICATOR OF BATH/OVEN/FURNACE AT SINGLE POSITION^{\$}	250 °C to 1200 °C	2.76 °C	Using 'S' Type Thermocouple Digital Temperature Indicator and Dry Block Temperature Baths by Comparison Method

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

^{\$} Only in Permanent Laboratory

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