Laboratory		Chemical & Physical Testing Laboratory, Electrotherm (India) Ltd., Survey No. 325, NH 8, Samakhiyali, Taluka Bhachau, Dist. Kutch, Gujarat				
Accreditation Standard		ISO/IEC 17025: 2005				
Discipline		Mechanical Testing		Issue Date	04.09.2015	
Certificate Number		T-1954		Valid Until	03.09.2017	
Last Amended on		-		Page	1 of 1	
S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection		
I.	MECHANICAL PR	HANICAL PROPERTIES OF MATERIALS				
1.	Metallic Materials (TMT Bars)	Tensile Tests Yield strength/ 0.2 Proof Stress	IS 1608: 2005	200 MPa to 80	00 MPa	
		Ultimate Tensile strength		300 MPa to 1000 MPa		
		Elongation		5 % to 70 %		
		Bend Test	IS 1599 : 2012	Qualitative (Mandrel Diameter: 8mm, 10mm, 12mm, 16mm, 20mm, 25mm, 28mm, 32mm & 36mm)		
		Rebend Test	IS 1786: 2008; Amendment July 2013	Qualitative (Mandrel Diameter: 8mm, 10mm, 12mm, 16mm, 20mm, 25mm, 28mm, 32mm & 36mm)		