

Laboratory	Material Testing Laboratory, Rifle Factory, Ishapore, P. O. Nawabganj-Ishapore, Dist 24 Parganas (N), West Bengal		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Mechanical Testing	Issue Date	02.01.2015
Certificate Number	T-3258	Valid Until	07.12.2016
Last Amended on	16.01.2015	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
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I. MECHANICAL PROPERTIES OF MATERIALS

1. Steel	depth of Case Determination	IS 6416: 1988 (RA 2012) Microscopic Method	0.05 to 3.00 mm
	Grain size	IS 4748- 2009 (Method: Cl 6. 3.4)	0 to 10 for Steel
	Determination of Inclusion Content.	IS 4163-2004 (RA 2010)	(A,B,C &D Type Fine & Thick Series) 0.5 to 3
	d) Hardness Test Vickers	IS 1501(Part 1)-2013	30 kgf Load

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