

Laboratory	Controllerate of Quality Assurance (Metals), P.O. Ichapur-Nawabganj, Dist.: 24 Parganas (North), West Bengal		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Non-Destructive Testing	Issue Date	19.10.2016
Certificate Number	T-0083	Valid Until	18.10.2018
Last Amended on	09.12.2016	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.	METALS & ALLOYS			
1.	Forgings, Castings, Gun Components, Plates	Ultrasonic Test (Contact method)	IS 3664: 1981 (RA 2014) IS 4904: 2011	Depth range from 5 mm to 1 m
2.	Ferro-Magnetic Materials, Investment Castings, Steel Round & Square	Magnetic Particle Test (Non-Fluorescent)	IS 3703: 2004 (RA 2010) ASTM E-709: 2015	Detection of discontinuities Upto 4 mm depth
3.	Castings & Weldings	Radiography Test by X-ray	IS 2595: 2013	2 mm to 40 mm of thickness of steel or its equivalent

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