

Laboratory	Becquerel Industries Pvt. Ltd., A-36, MIDC, Butibori, Nagpur, Maharashtra		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Non Destructive Testing	Issue Date	24.09.2015
Certificate Number	T-3609	Valid Until	23.09.2017
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. METALS & ALLOYS				
1.	Ferrous & Non Ferrous Metals & Alloys Weld Casting Forging	Liquid Penetrant Test Visible Method Fluorescent Method Radiography Testing X-Ray(250kv) Gamma Ray:Ir-192 Gamma Ray:Co-60	ASME Section-V Article-6: 2013 SE 165: 2013 ASME Section-V Article-2&22: 2013 SE 94: 2013 IS 2595: 2008	Qualitative (Flaws Open to Surface) Qualitative (3 mm to 30 mm for X-Ray 10 mm to 75mm For Gamma-Ray 40 mm to 200 mm for Gamma-Ray Co-60)
2.	Ferromagnetic Metals & Alloys Weld Casting Forging	Magnetic Particle Testing (Prod, Yoke & Coil Method) Fluorescent Non- Fluorescent	ASME Sec V Article-7: 2013 SE 709: 2013 IS-3703(2004)	Qualitative [Surface & Sub-surface Depth (Upto 3 mm Maximum)]
3.	Ferrous Metals & Alloys Weld Casting Forging Plate	Ultrasonic Testing for Flaw Characterization	ASME Section-V Article 4,5 & 23: 2013 IS 9565: 1995 (RA 2000) IS 7666: 1988 SA 388: 2013 SA 435: 2013 SA 577: 2013 SA 578: 2013 SA 609: 2013 SA 213: 2013 SA 273: 2013	Qualitative (3 mm to 300 mm : Plate 6 mm to 200 mm : Weld 3 mm to 2000 mm : Forging 3 mm to 1000 mm : Casting)
4.	Ferrous & Non Ferrous Metals, Alloys	Ultrasonic Thickness Measurement	ASME Sec V SA 797: 2013	2 mm to 60 mm

-X-X-X-X-X-X-X-X-X-X-X-X-