

**Laboratory** NDT Center, Bharat Heavy Electricals Limited, Ramachandrapuram, Hyderabad. Telangana

**Accreditation Standard** ISO/IEC 17025: 2005

**Discipline** Non-Destructive Testing **Issue Date** 22.08.2014

**Certificate Number** T-0048 **Valid Until** 21.08.2016

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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
<b>1.</b>	<b>METALS &amp; ALLOYS</b>			
<b>1.</b>	<b>Welds, Castings (Ferrous Material)</b>	Flaw Detection using Cobalt-60 source	ASME-Sec V-2013, ASTM E186, E-192, E280 & E446, API-4F, 7K A&D, 8A, BS-5500-2012, IBR-2008	40 to 200 mm of steel
		Flaw Detection using Ir-192 source	ASME-Sec V-2013, ASTM E-186, E-192, E280 & E446, API-4F, 7K A&D, 8A, BS-5500-2012, IBR-2008	10 to 60 mm of steel
<b>2.</b>	<b>Welds, Castings (Ferrous and Non-Ferrous Materials)</b>	Flaw Detection using X-Ray source	ASME-Sec V-2013, ASTM E-155, E-186, E-446, API-4F, 7K A&D, 8A, BS-5500-2012, IBR-2008	2 to 40 mm of steel and 5 to 100 mm of Aluminium

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