

<b>Laboratory</b>	<b>Axis Inspection Solutions, Plot No. 175, Sriram Nagar, Gajularamaram, Rangareddy Dist., Hyderabad, Telangana</b>		
<b>Accreditation Standard</b>	<b>ISO/IEC 17025: 2005</b>		
<b>Discipline</b>	<b>Non-Destructive Testing</b>	<b>Issue Date</b>	<b>09.02.2015</b>
<b>Certificate Number</b>	<b>T-3291</b>	<b>Valid Until</b>	<b>08.02.2017</b>
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<b>S.No.</b>	<b>Product / Material of Test</b>	<b>Specific Test Performed</b>	<b>Test Method Specification against which tests are performed</b>	<b>Range of Testing / Limits of Detection</b>
<b>I. METALS &amp; ALLOYS</b>				
1.	<b>Weld Joint</b>	Penetrant Testing	ASME Sec-V, Article 6 and 24: 2013 ASTM E 165-09: 2013	Qualitative (Defects Open to the surface)
2.	<b>Casting</b>	Penetrant Testing	ASME Sec-V, Article 6 and 24: 2013 ASTM E 165-09: 2013	Qualitative (Defects Open to the surface)
3.	<b>Forging</b>	Penetrant Testing	ASME Sec-V, Article 6 and 24: 2013 ASTM E 165-09: 2013	Qualitative (Defects Open to the surface)
4.	<b>Weld Joint (Ferritic and Aluminium)</b>	Ultrasonic Testing	ASME Sec-V, Article 4 and 5 and Article 23: 2013	Qualitative (3 mm to 100 mm Detection of internal flaws)
5.	<b>Casting (Ferritic and Aluminium)</b>	Ultrasonic Testing	ASME Sec-V, Article 4 and 5 and Article 23: 2013 ASTM A-609/A 609M: 1991 (R- 2007)	Qualitative (5 mm to 300 mm Detection of internal flaws)
6.	<b>Steel plates (Ferrous and Aluminium)</b>	Ultrasonic Testing	ASME Sec-V, Article 23: 2013 ASTM –SA-435/SA-435M: 2013 ASTM-SA-578/SA-578M: 2013	Qualitative (5 mm to 150 mm Detection of internal flaws)
7.	<b>Forging (Ferrous and Aluminium)</b>	Ultrasonic Testing	ASME Sec-V, Article 23: 2013 ASTM-SA-388/SA -388M: 2013 ASTM-SA-745/SA-745M: 2013	Qualitative (5 mm to 800 mm Detection of internal flaws)

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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
8.	Weld joint (Steel)	Radiography Testing	ASME Sec-V, Article 2 and 22: 2013 AWS D1.1/D1.1M: 2010 ASTM E 390: 2011	Qualitative (X-Ray: 2 mm to 40 mm Gamma Ray: Iridium 192; 5 mm to 70 mm Max 2% sensitivity Detection of flaws)
9.	Casting (Ferrous)	Radiography Testing	ASME Sec-V, Article 2 and 22: 2013 ASTM E 446 Vol II: 2004	Qualitative (X-Ray: 2 mm to 40 mm Gamma Ray: Iridium 192; 5 mm to 70 mm Max 2% sensitivity Detection of flaws)
10.	Ferritic Weld Joints	Magnetic Particle Testing	ASME Sec-V, Article 7 and 25: 2013 ASTM SE-709-08: 2013	Qualitative (Detection of flaws Upto 3 mm depth)
11.	Ferrous Casting	Magnetic Particle Testing	ASME Sec-V, Article 7 and 25: 2013 ASTM SE-709-08: 2013	Qualitative (Detection of flaws Upto 3 mm depth)

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