

Laboratory Matrix Inspection & Engineering Services Pvt. Ltd., Plot No. 03,
Krishnagiri Main Road, Hosur, Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-7621

Page 1 of 2

Validity 25.07.2018 to 24.07.2020

Last Amended on --

Sl.	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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NON - DESTRUCTIVE TESTING

AT LAB				
I.	METALS AND ALLOYS			
1.	Forging, Casting and Weld Joints	Magnetic Particle Testing (Fluorescent and Non fluorescent) (Coil Technique Bench Type)	ASME Section V (Article 7 and 25) ASTM E 709	Upto 4 mm

Naveen Jangra
Convenor

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Program Manager

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Sl.	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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NON - DESTRUCTIVE TESTING

AT LAB & AT SITE				
I.	METALS AND ALLOYS			
1.	Weld Joints	Ultrasonic Testing (Contact Method)	ASME Section V (Article 4, 5, 23) ASTM E 164	Qualitative (8 mm to 100 mm) Sensitivity= $\lambda/2$
2.	Castings	Ultrasonic Testing (Contact Method)	ASME Section V (Article 4, 5, 23) ASTM A 609 / A 609 M	Qualitative (15 mm to 500 mm) Sensitivity= $\lambda/2$
3.	Steel Plate	Ultrasonic Testing (Contact Method)	ASME Section V (Article 4, 5, 23) ASTM A 435 / A 435 M ASTM A 578 / A 578 M	Qualitative (8 mm to 300 mm) Sensitivity= $\lambda/2$
4.	Forging	Ultrasonic Testing (Contact Method)	ASME Section V (Article 4, 5, 23) ASTM A 388 / A388 M	Qualitative (10 mm to 1500 mm) Sensitivity= $\lambda/2$
5.	Forging, Casting and Weld Joints	Penetrant Testing	ASME Sec V Article 6 ASTM E165	Qualitative (Open to surface)
6.	Ferrous and Non-Ferrous Material	Ultrasonic Thickness	ASME Section V–Article 23 ASTM E 797	3 mm to 25 mm
7.	Forging, Casting and Weld Joints	Magnetic Particle Testing (Fluorescent and Non fluorescent) (Yoke and Prod)	ASME Section V (Article 7 and 25) ASTM E 709	Upto 4 mm