

Laboratory **Pallakki NDT Excellence Center Private Limited, 411/A, 11th Cross, 4th Phase, Peenya Industrial Area, Bangalore, Karnataka**

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

Certificate Number **TC-6677**

Page 1 of 1

Validity **13.04.2018 to 28.01.2020**

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
-----	----------------------------	-------------------------	---	--

NON - DESTRUCTIVE TESTING

AT LAB & SITE				
I.	METAL & ALLOYS			
1.	Ferrous & Non Ferrous Materials (Welding, Casting & Forging)	Radiography Testing X-Ray	ASME Sec V: 2017 Article -2,22	Qualitative 1mm to 40mm
		Gamma Ray (Ir-192)		1.5mm to 75mm (Equivalent to steel thickness)
		Ultrasonic Testing	ASME Sec V: 2017 Article -4,5 & 23	Qualitative (Rod Diameter: 10 to 5000mm Casting Thickness: 10mm to 1000mm Weld Thickness; 5mm to 100mm)
		Liquid Penetrant Testing - Visible, Solvent Removable & Water Washable Technique	ASME Sec V: 2017 Article- 6, 24	Qualitative (Open to Surface)
		Magnetic Particle Testing - Prod Technique, Longitudinal Magnetization, Circular Magnetization, Yoke Technique	ASME Sec V: 2017 Article -7, 25	Qualitative (Surface and Sub-Surface; Sub-Surface depth: 4mm)