



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name SUMANT KUMAR TESTING LAB, SHOP NO. 1, M.P TOWER, PHASE-1, ADITYAPUR, SARAIKELA KHARSAWAN, JHARKHAND , INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8556 Page No. : 1 / 2

Validity 28/06/2019 to 27/06/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
1	NON-DESTRUCTIVE-METALS & ALLOYS	Casting (Ferrous)	Liquid penetrant	IS 3658:99, ASME Sec-V Article 6, Article 24 SE 165: 2017	Qualitative(Open to surface)
2	NON-DESTRUCTIVE-METALS & ALLOYS	Casting (Ferrous)	Ultrasonic Testing	ASME Sec-V Article5, 23, SA 609/A 609M, IS 9565:95: 2017	Qualitative(15 mm to 200 mm)
3	NON-DESTRUCTIVE-METALS & ALLOYS	Forging (Ferrous)	Liquid penetrant	IS 3658:99, ASME Sec-V Article6, Article24 SE 165: 2010	Qualitative(Open to surface)
4	NON-DESTRUCTIVE-METALS & ALLOYS	Forging (Ferrous)	Ultrasonic Testing	ASME Sec-V Article 5,Article 23 SE 388, IS 8791:78: 2017	Qualitative(1 mm to 1000 mm)
5	NON-DESTRUCTIVE-METALS & ALLOYS	Plates, Rods, Shafts (Ferrous)	Ultrasonic Testing	ASME Sec V Article 23 SA 435 , SE 114, SA 388, IS 11630:05, IS 4225:04: 2017	Qualitative(1 mm- 1000 mm)
6	NON-DESTRUCTIVE-METALS & ALLOYS	Sheets, Castings & Forgings (Ferrous)	Ultrasonic Thickness measurement	ASTM E-797/797 M: 2015	2 mm to 200 mm
7	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints (Ferrous)	Liquid penetrant Testing	ASME Sec-V Article 6, Article24 SE 165, IS 3658:99: 2017	Qualitative(Open to surface)
8	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints (Ferrous)	Ultrasonic Testing	ASTM E 164, ASME Sec-V Article 4, IS 4260: 2010	Qualitative(Thickness 3 mm to 50 mm)



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name SUMANT KUMAR TESTING LAB, SHOP NO. 1, M.P TOWER, PHASE-1, ADITYAPUR, SARAIKELA KHARSAWAN, JHARKHAND , INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8556 Page No. : 2 / 2

Validity 28/06/2019 to 27/06/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Site Facility					
1	NON-DESTRUCTIVE-METALS & ALLOYS	Casting (Ferrous)	Liquid penetrant	IS 3658:99, ASME Sec-V Article 6, Article 24 SE 165: 2017	Qualitative(Open to surface)
2	NON-DESTRUCTIVE-METALS & ALLOYS	Casting (Ferrous)	Ultrasonic Testing	ASME Sec-V Article5, 23, SA 609/A 609M, IS 9565:95: 2017	Qualitative(15 mm to 200 mm)
3	NON-DESTRUCTIVE-METALS & ALLOYS	Forging (Ferrous)	Liquid penetrant	IS 3658:99, ASME Sec-V Article6, Article24 SE 165: 2010	Qualitative(Open to surface)
4	NON-DESTRUCTIVE-METALS & ALLOYS	Forging (Ferrous)	Ultrasonic Testing	ASME Sec-V Article 5,Article 23 SE 388, IS 8791:78: 2017	Qualitative(1 mm to 1000 mm)
5	NON-DESTRUCTIVE-METALS & ALLOYS	Plates, Rods, Shafts (Ferrous)	Ultrasonic Testing	ASME Sec V Article 23 SA 435 , SE 114, SA 388, IS 11630:05, IS 4225:04: 2017	Qualitative(1 mm- 1000 mm)
6	NON-DESTRUCTIVE-METALS & ALLOYS	Sheets, Castings & Forgings (Ferrous)	Ultrasonic Thickness measurement	ASTM E-797/797 M: 2015	2 mm to 200 mm
7	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints (Ferrous)	Liquid penetrant Testing	ASME Sec-V Article 6, Article24 SE 165, IS 3658:99: 2017	Qualitative(Open to surface)
8	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints (Ferrous)	Ultrasonic Testing	ASTM E 164, ASME Sec-V Article 4, IS 4260: 2010	Qualitative(Thickness 3 mm to 50 mm)