National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : QTECH INSPECTION SERVICES, NO. 97, SUBRAMANIYA SWAMY KOIL STREET, SAIDAPET, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10176 **Page No** 1 of 3

Validity 30/12/2021 to 29/12/2023 **Last Amended on** 14/01/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Site Facility				
1	NON-DESTRUCTIVE-METALS & ALLOYS	Ferro Magnetic Materials	Magnetic Particle Testing (Yoke, Prod, Fluorescent, Non-fluorescent, Wet, Dry)	ASME B 16.34
2	NON-DESTRUCTIVE-METALS & ALLOYS	Ferro Magnetic Materials	Magnetic Particle Testing (Yoke, Prod, Fluorescent, Non-fluorescent, Wet, Dry)	ASME Section V Article 7
3	NON-DESTRUCTIVE-METALS & ALLOYS	Ferro Magnetic Materials	Magnetic Particle Testing (Yoke, Prod, Fluorescent, Non-fluorescent, Wet, Dry)	ASME Section V Article 7 SE 709
4	NON-DESTRUCTIVE-METALS & ALLOYS	Ferro Magnetic Materials	Magnetic Particle Testing (Yoke, Prod, Fluorescent, Non-fluorescent, Wet, Dry)	ASTM E709
5	NON-DESTRUCTIVE-METALS & ALLOYS	Ferro Magnetic Materials	Magnetic Particle Testing (Yoke, Prod, Fluorescent, Non-fluorescent, Wet, Dry)	BS EN ISO 17638
6	NON-DESTRUCTIVE-METALS & ALLOYS	Ferro Magnetic Materials- Castings	Magnetic Particle Testing (Yoke, Prod, Fluorescent, Non-fluorescent, Wet, Dry)	IS 10724
7	NON-DESTRUCTIVE-METALS & ALLOYS	Ferro Magnetic Materials- Forgings	Magnetic Particle Testing (Yoke, Prod, Fluorescent, Non-fluorescent, Wet, Dry)	IS 7743
8	NON-DESTRUCTIVE-METALS & ALLOYS	Ferro Magnetic Materials- Welds	Magnetic Particle Testing (Yoke, Prod, Fluorescent, Non-fluorescent, Wet, Dry)	AWS D1.1/D1.1M (Clause 8)
9	NON-DESTRUCTIVE-METALS & ALLOYS	Ferro Magnetic Materials- Welds	Magnetic Particle Testing (Yoke, Prod, Fluorescent, Non-fluorescent, Wet, Dry)	IS 5334
10	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material (Castings, Forgings and Rolled Materials)	Ultrasonic Testing (Manual, Contact Method)	ASME B 31.1
11	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material (Tube Welds)	Ultrasonic Testing (Manual, Contact Method)	ASTM E273
12	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material (Weldments)	Ultrasonic Testing (Manual, Contact Method)	ASME Section V Article 4
13	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material (Welds, Forging and Castings)	Radiography Testing (Ir-192, Film)	ASME B 31.1
14	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material (Welds, Forging and Castings)	Radiography Testing (Ir-192, Film)	ASME B 31.3
15	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material (Welds, Forgings and Castings)	Radiography Testing (Ir-192, Film)	ASME Section V Article 2

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Page No	2 of 3
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16	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material - Welds	Radiography Testing (Ir-192, Film)	ASTM E1032
17	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material - Welds	Radiography Testing (Ir-192, Film)	AWS D1.1/D1.1M (Clause 8)
18	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material - Welds	Radiography Testing (Ir-192, Film)	BS EN ISO 17636-1
19	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Materials (Castings, Forgings and Rolled Materials)	Ultrasonic Thickness	ASTM E797/797M
20	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Materials (Welds, Forging and Castings)	Radiography Testing (Ir-192, Film)	ASTM E1030
21	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Materials - Castings	Radiography Testing (Ir-192, Film)	ASTM E94
22	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non -Ferrous Material	Liquid Penetrant Testing (Solvent Removable, Visible Technique)	ASME B 16.34
23	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non -Ferrous Material	Liquid Penetrant Testing (Solvent Removable, Visible Technique)	ASME Section V Article 24 SE 165
24	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non -Ferrous Material	Liquid Penetrant Testing (Solvent Removable, Visible Technique)	ASME Section V Article 6
25	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non -Ferrous Material	Liquid Penetrant Testing (Solvent Removable, Visible Technique)	ASTM E165/165M
26	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non -Ferrous Material	Liquid Penetrant Testing (Solvent Removable, Visible Technique)	BS EN ISO 3452-1
27	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non -Ferrous Material- Welds	Liquid Penetrant Testing (Solvent Removable, Visible Technique)	AWS D1.1/D1.1M (Clause 8)
28	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material (Castings, Forgings and Rolled Materials)	Ultrasonic Testing (Manual, Contact Method)	ASME B 31.3
29	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Materials- Casting	Ultrasonic Testing (Manual, Contact Method)	ASME Section V Article 5
30	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Materials- Forgings	Ultrasonic Testing (Manual, Contact Method)	ASME Section V Article 5
31	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Materials- Plates	Ultrasonic Testing (Manual, Contact Method)	ASTM A435/A435M
32	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Materials- Plates	Ultrasonic Testing (Manual, Contact Method)	ASTM A577/A577M

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33	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Materials- Plates	Ultrasonic Testing (Manual, Contact Method)	ASTM A578/A578M
34	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Materials- Weldments	Ultrasonic Testing (Manual, Contact Method)	AWS D1.1/D1.1M (Clause 8)
35	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Materials- Weldments	Ultrasonic Testing (Manual, Contact Method)	BS EN ISO 17640