

QUASI-S
ENHANCING TECHNOLOGIES



METALLURGICAL CONSULTANCY

THE LEADING METALLURGICAL SERVICE PROVIDER

WHY CHOOSE QUASI-S?

As an independent ISO/IEC 17025, accredited Failure Analysis Laboratory, QUASI-S offers comprehensive root cause and full failure analysis investigations, as well as a range of Metallurgical, Mechanical Testing, In-Situ Replication Metallography (Replica Testing), and Hardness Testing.

OUR CAPABILITIES



Failure Analysis



Corrosion Testing



Weld Testing



In-situ Metallurgical Inspection



Chemical Composition Analysis



Mechanical Testing



Non-Destructive Testing (NDT)

<https://qstechno.com/>

DELIVERING GREAT VALUE TO CUSTOMER IS OUR PROMISE

OUR SERVICES

► **Failure Analysis**

- RCFA (Root cause Failure Analysis)
- Fractography Examination
- Metallographic/Microstructure Examination

► **Chemical Composition Analysis**

- Energy Dispersive X-ray (EDS)
- FTIR Analysis
- Optical Emission (OES)
- Wavelength Dispersive X-ray (WDS)
- X-ray Diffraction (XRD)
- X-ray Fluorescence (XRF)

► **Corrosion Testing**

- Pitting Corrosion Test as per ASTM G 48 Method A
- Ferric Chloride Corrosion Test as per ASTM A923 Practice C
- Intergranular Corrosion Test as per ASTM A262 Practice A, B, and E
- Intergranular Corrosion Test as per ASTM G 28 Method A

► **Mechanical Testing**

- Charpy
- Tensile
- Hardness

► **Weld Testing**

- Macro/Micro-Etching
- Weld Procedure Qualification
- Welder Qualification (WPQ)

► **In-situ Metallurgical Inspection**

- In-situ metallography
- In-situ hardness
- In-situ Positive Material Identification (PMI)

► **Non-Destructive Testing (NDT)**

- Liquid Penetrant Testing
- Magnetic Particle Inspection
- Ultrasonic Thickness Gauge Testing

CONTACT US

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