

YOUR PROFESSIONAL METALLURGICAL SERVICE PROVIDER

Metallurgical & Failure Analysis Consultation

Our consultation services provide in-depth insight into material performance and failure mechanisms. Through metallurgical examination, fractography, and non-destructive testing, we identify the root cause of failures in pipelines, pressure vessels, welded joints, and structural components.

The findings help our clients take corrective measures, enhance material reliability, and prevent future occurrences.

Why Choose Quasi-S Technology?

ISO/IEC 17025
Accredited
Laboratory

Experienced
Metallurgists &
Engineers

Modern
Testing
Equipment

Fast &
Reliable
Reporting

On-site &
Lab Services

Supporting Oil & Gas,
Petrochemical,
Power Generation,
Manufacturing &
Heavy Industries

Lab Services Material Testing & Metallurgical Solutions

Reliable Laboratory Testing & Engineering Support

We provide comprehensive laboratory and on-site testing services to help industries verify material quality, investigate failures, and improve equipment reliability.

Our Core Services



Metallurgical &
Failure Analysis



Material
Testing



On-site
Inspection



Positive Material
Identification
(PMI)



Mechanical
Testing



Welding
Qualification
(WPS/PQR)



Non-Destructive
Testing (NDT)



Metallurgical & Failure Analysis

Identify the root cause of material or component failures to improve safety, reliability, and performance.

BENEFITS



Identify
failure
mechanisms



Prevent
repeated
failures



Improve
equipment
reliability



Support
maintenance
decisions



Our Services

- Root Cause Failure Analysis ✓
- Metallurgy & Microstructure Examination ✓
- Fractography Analysis ✓
- SEM / EDX Analysis ✓
- Chemical Composition Analysis ✓
- Hardness & Mechanical Testing ✓
- Corrosion Investigation ✓

About Our Company

Established in 2008, Quasi-S Technology Sdn Bhd provides comprehensive metallurgical and analytical services designed to help industries achieve reliability, compliance, and quality assurance.

As an ISO/IEC 17025 accredited laboratory, we specialize in failure analysis, material characterization, and on-site metallurgical inspection, serving a wide range of sectors including oil & gas, energy, aviation, and heavy industry.

Our multidisciplinary team of metallurgists and engineers brings together technical precision and real-world experience – ensuring every project is handled with accuracy, integrity, and professionalism.



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CONSULT US

On-Site Inspection & Material Verification

Our engineers perform non-destructive testing directly at your plant without damaging critical components.

Positive Material Identification (PMI)

Verify material grade using portable XRF/OES analysers

In-Situ Metallography

Examine microstructure without removing components

Portable Hardness Testing

Measure hardness on-site quickly and accurately



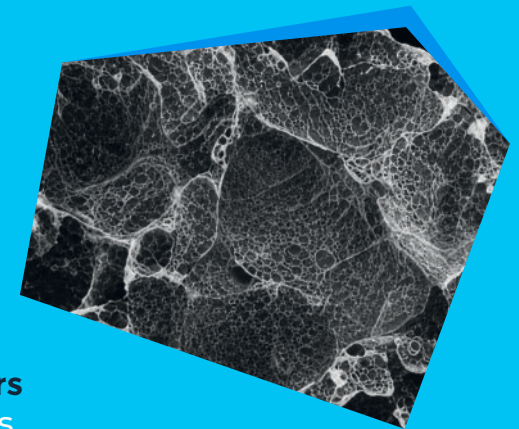
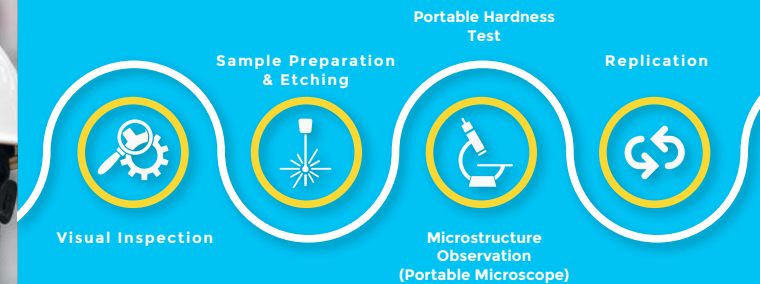
Mechanical & Welding Support

- WPS/PQR Qualification
- Tensile Testing
- Bend Testing
- Charpy Impact Testing
- Macro & Micro Examination

Non-Destructive Testing (NDT)

- Dye Penetrant Testing (PT)
- Magnetic Particle Testing (MT)
- Ultrasonic Thickness Measurement (UT)

In-situ Metallography and Hardness Testing



Partners With Us

230++



Number of Project Success

18+



Years of Engineering Excellence

100%



Commitment to Quality