



MS ISO/IEC 17025
TESTING
SAMM NO. 313

MS ISO/IEC17025
CALIBRATION
SAMM NO. 088 SAMM NO.141
SAMM NO. 176 SAMM NO.553

SIRIM STANDARDS TECHNOLOGY SDN. BHD.

NON-DESTRUCTIVE TESTING & EVALUATION

ADVANCED NDT TECHNIQUES

- Phased Array Ultrasonic Testing (PAUT)
- Time of Flight Diffraction (TOFD)
- Computerised Radiography Testing (CRT)
- Alternating Current Field Measurement (ACFM)
- Infrared Thermography Inspection

ULTRASONIC TESTING (UT)

- Ultrasonic Testing Thickness Measurement (UTTM)
- Ultrasonic Testing Flaw Detector (UTFD)
- Ultrasonic Procedures

RADIOGRAPHY TESTING (RT)

- X-Ray
- Ir 192 Gamma Ray
- Film Interpretation & Evaluation
- On-Site (Mobile Truck) & Laboratory Inspection
- Radiographic Procedures

EDDY CURRENT TESTING (ET)

- Tube Inspection for Boilers & Condensers
- Non-Ferrous & Ferrous Material by ECT and Remote Field Electromagnetic Testing (RFET)

SURFACE METHOD

- Penetrant Testing (PT)
- Magnetic Testing (MT)

SEMINAR, TRAINING & CERTIFICATION

- Appreciation to NDT Method
- NDT Course Tailormade to Client Specification (Aerospace, Construction, Oil & Gas, Transportation, Fabrication and Education Sector)
- Radiography Testing Level 1, 2 & 3 (JPK Certification In Accordance to Procedure ISO 9712)
- Ultrasonic Testing Level 1, 2 & 3 (JPK Certification In Accordance to Procedure ISO 9712)



RATING ACCREDITED TRAINING
PROGRAMMES BY DEPARTMENT OF SKILLS DEVELOPMENT
2013

FURTHER INFORMATION

MATERIALS INTEGRITY & ANALYSIS SECTION (MIAS)
SIRIM Standards Technology Sdn. Bhd.
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SERVICES

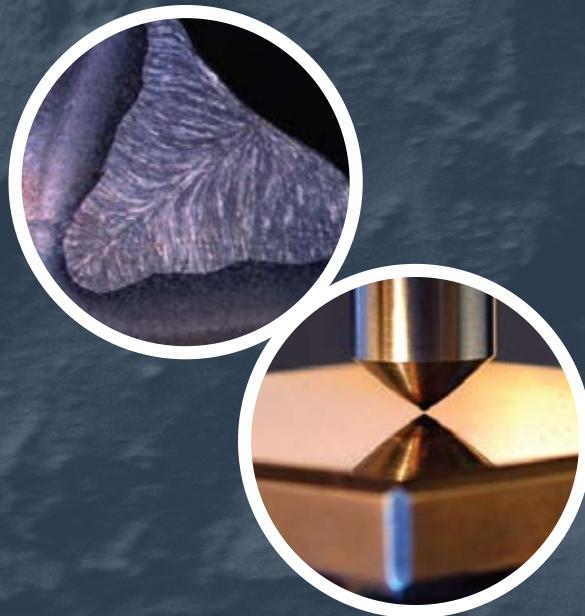
- Failure Investigation & Root Cause Analysis
- Fractography
- Remnant Life Assessment
- Metallurgy & Materials
- Material Selection
- Positive Metal & Materials Identification (PMI)
- API 579, Fitness For Service (Signal™ FFS)

- API 571 Damage Mechanism
- In-Situ Metallography (Replica Technique)
- Corrosion Detection Survey & Evaluation
- Materials Characterisation
- Coating & Plating Evaluation
- Finite Element Analysis (Abacus)



FACILITIES

- Scanning Electron Microscope (SEM)
- Energy Dispersive X-Ray Analysis (EDAX)
- Quantimet Image Analyser (Cambridge)
- Hardness Testing (Micro & Macro Vikers)
- KEYENCE Digital Stereo Microscope (Up to 5000x Magnification)
- Ark Spark (Portable) Spectrometer for PMI
- Portable Hardness Testing (Equotip, MIC 10)
- Optical Microscope
- Portable X-Ray Fluorescence (XRF) Analyser For PMI



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