

FACT SHEET

# NON-DESTRUCTIVE TESTING & METALLURGICAL TESTING

Offering complete testing services to the Rail industry

We provide a complete suite of non-destructing testing and metallurgical tests to detect defects and irregularities, ensuring safety and reliability in rail equipment and assets.



## Non-Destructive Testing (NDT)

- Thickness Monitoring
- Eddy Current Testing
- Ultrasonic Testing
- Phased Array UT Inspection
- Corrosion Monitoring
- Magnetic Particle Testing
- Liquid Penetrant
- Radiography
- Computed Tomography (CT)
- On-Site NDT inspection

## Rail Specific NDT

- Cardan Shafts
- Bogie Frames
- Drag Box Plates
- Traction Rods
- Gantry Weld Inspection
- Infrastructure

## Materials Testing

- Corrosion Testing
- Scanning Electron Microscopy
- Chemical Analysis
- Micro-Examination
- Macro-Examination
- Hardness Surveys
- Tensile Testing
- Impact Testing (Charpy, Izod)

## Rail Specific Metallurgy

- Rolling Stock Hardness Surveys
- Micro-Examination (BS EN 14587)

## Welding Approvals

- BS EN 15085
- BS EN ISO 15613, 15614
- BS EN 9606
- Other welding specifications

## Consultancy Services

- Failure Investigation
- Reverse Engineering
- Materials Consultancy
- Welding Consultancy
- Welding Inspection (Visual)
- Weld Procedure/Qualification Approval
- Responsible Welding Coordinator (RWC) Training
- Responsible Welding Coordinator (RWC) Services

## FOR MORE INFORMATION

 +44 1332 275820

 [ndt@intertek.com](mailto:ndt@intertek.com)

 [intertek.com/ndt](http://intertek.com/ndt)