

## Structural Integrity (Asset Reliability Management) project titles

- Implementing ultrasonic inspection of underwater structures
- Investigation of novel wires for wire-arc additive manufacturing
- Comparison of structural integrity assessment procedures (BS 7910, API 579, R6)
- Assessment of corrosive defects in aging steel bridges
- Multiscale modelling of dynamic behaviour of composite materials
- Acoustic emission modelling for crack initiation in fatigue bending tests
- Cathodic protection of steel pipelines carrying hot fluids in subsea environments
- Single-pass deep penetration arc welding of thick structural steel plates
- Impact of flaws within reinforced thermoplastic pipe (RTP) used in oil transportation