



Subsea Fluid Services offer a full suite of metallic materials testing to OEM and international standards. Our services include determination of corrosion resistance and system integrity performance across a wide range of temperatures and pressures.

## Capabilities

- Corrosion testing on metals aged from -80 °C to >300 °C
- Macro- and microscopic analysis
- Chemical analysis
- Hydrogen Embrittlement / Stress Corrosion Cracking Testing
- Metal compatibility evaluations to OEM & international standards
- Material Compatibility Mapping and System Integrity Testing for new and aging assets



If a fluid touches it,  
we can test it!

## Typical Testing

- Corrosion rate per annum determination to ISO 13628-6
- ASTM D665 Part 1 & 2 Rust Prevention with and without sea water
- ASTM F519 Mechanical Hydrogen Embrittlement
- API 17D Annex J2.1.3 Metal Compatibility Testing Level 1
- IP 125 & IP 287 & ASTM D4627 Iron Chip Corrosion
- ISO 4404-2 Determination of corrosion resistance
- ICP Analysis
- Optical and Scanning Electron Microscopy