

## Integrity Monitoring



### Ensuring the integrity and performance of assets

ICR provides cost effective integrity monitoring solutions for efficiently assessing corrosion risk. ICR's integrated approach adds value on new, mature and aging assets and offers unique solutions from review, design through to managed service, commissioning and data management.

ICR is an industry leading corrosion monitoring specialist with technology and expertise to effectively support all integrity monitoring challenges and optimise performance of critical system, ensuring safe operations.

#### INTEGRITY MONITORING SERVICES

- Intrusive monitoring solutions and strategies
- Managed Integrity Monitoring Service
- Online and offline corrosion probe and coupon surveys (mechanical and hydraulic systems)
- Project management and coordination
- Commissioning, installation and maintenance of specialist corrosion monitoring systems
- Weight loss coupon analysis & probe data analysis (all probe systems on the market)
- Microbiological audits of oil and gas process systems and strategy implementation
- Sessile and planktonic sampling using MPN and molecular techniques
- Dissolved oxygen surveys, optimisation and effectiveness of oxygen scavenger
- Chemical trials, third-party verification of chemical performance

and chemical optimisation

- Optical gas detection surveys and training
- Thermography surveys (separators, pipework & electrical)

#### WHY ICR?

- Integrated, fully managed service
- Non bias solutions from independent provider
- Multiskilled engineering teams
- Reduced manpower requirements offshore
- Maximised data acquisition at a reduced cost
- Consolidated service (higher quality, logistics handling reduced, one interface, smaller multiskilled teams)
- Combined reports and data acquisition, effectively presented and managed
- Technical consultancy and comprehensive tailored reporting
- Third party audits and verification

