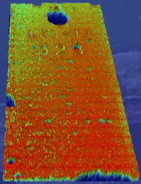


Corrosion

Scaled Solutions offer a wide variety of corrosion testing services tailored to suit your needs



How our services can help you



Corrosion Testing

Representative laboratory testing is key to ensuring the integrity of a system is maintained, by selecting the most appropriate mitigation strategy. With a dedicated corrosion testing laboratory and team of highly qualified staff, we have the capability to perform a comprehensive range of services that can be tailored to suit customer's specific requirements.

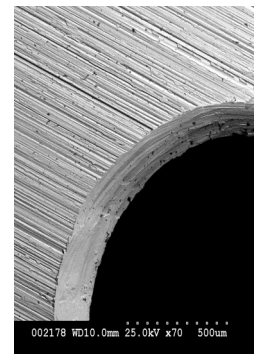


Main Services

- Consultancy & Review
- Corrosion Prediction Modelling
- Training Courses
- Equipment Design & Supply
- Material Selection (Elastomer, metallurgy, coatings)
- Corrosion Inhibition Performance (Film persistency, thermal stability, fluid compatibility, foaming/emulsion tendency)
- Chemical Application

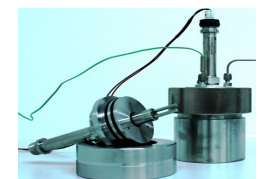
Electrochemical Testing/ Weightloss Tests

- Bubble Cell
- Rotating Cylinder Electrode (RCE)
- HP/HT Autoclave
- HP/HT RCE-A
- HP/HT Rotating Cage
- Preferential Weldment
- Jet Impingement
- Top of the Line (TOL)
- Under Deposit
- Artificial Pitting
- Pilot Rig/ Flow Loop



Other Tests

- Film Persistency
- Partitioning and Cl Analysis
- Thermal Stability
- Fluid Compatibility
- Chemical/ Chemical Compatibility
- Microscopy and Pitting Evaluation



Key Papers

- Ian Carpenter, Hunter Thomson, Rodney Madjitey, Caroline M.E. Simpson, Gordon M. Graham and Dario M. Frigo (Scaled Solutions Ltd.); 'Corrosion Inhibitor Screening- Impact of Test Approaches & Conditions on Performance'; NACE
- Hunter Thomson, Rodney Madjitey, Ian Carpenter, Caroline Simpson, Robert Stalker and Gordon Graham (Scaled Solutions Ltd.); 'Corrosion inhibitor Screening and the Impact of Additives', NACE Paper No.MECCOCT18-12640
- Caroline Simpson, Hunter Thomson, Dario M. Frigo, Gordon M. Graham and Robert Stalker (Scaled Solutions Ltd.); Assessing Corrosion Risk and Selection of Appropriate Testing Programmes for Gas and Gas-condensate Pipelines', proceedings of the NACE International Corrosion Conference and Expo, 2017
- Hunter Thomson, Matthew McCall, Amy Stephens, Caroline M.E. Simpson, John Ray, Dario M. Frigo and Gordon Graham (Scaled Solutions Ltd.); 'Development of New Laboratory Test Methods for Measuring Top of the Line Corrosion and Assessing Corrosion Inhibitor Performance'; SPE- 179940

Truly Independent Laboratory

At Scaled Solutions, our mission is to be recognised worldwide through our independent specialised laboratories as the leading supplier of bespoke equipment, training, consultancy and provider of solutions to challenges in Production Chemistry, Corrosion and Formation Damage.

We aim to exceed our customers' expectations and improve our service to our customers on a continual basis through our key values: team work & communication, openness & transparency, continual improvement and trust.

Quality, Integrity, Safety and Excellence

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