Our available test methods

- Standard hydrogen induced cracking (HIC) and sulphide stress cracking (SSC) tests, including double cantilever beam test (SSC Method D)
  - NACE TM0284
  - NACE TM0177
  - EFC 16
- Mild-Sour test capability (both HIC and SSC) to simulate virtually any service condition
- Slow Strain Rate test (NACE TM0198) to rank materials for sour service
- Rigorous methodologies to ensure the integrity of the tests (e.g. H2S saturation, temperature, pH, etc.)
- Advanced post-test analysis techniques (Ultrasound, Magnetic Particle Inspection, Microscopy)

Versatile sour corrosion lab for all your standardised testing

Accepted as member of NACE TM0177 committee, OCAS has a strong network with the world’s leading end-users as well as manufacturers of sour grade steels.

The skilled OCAS team not only performs all standardised tests in its in-house state-of-the-art sour corrosion lab, they also provide advanced technical support.
Our extensive R&D expertise in

- High strength sour grade OCTG development such as T95, C110, and other proprietary grades
- Proprietary heat treatment development for superior sour resistance of high strength OCTG grades
- Sour grade linepipe development
- Role of welding parameters on the sour resistance of linepipes
- Technical support to production on testing, training, auditing, customer support, etc.

R&D partnerships

OCAS has a long history of successful R&D partnerships with companies and research institutes.

We are open to any kind of collaboration, and are interested to hear about original ideas or exciting running projects where we could provide help in materials selection or technical assistance.

Contact Us

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