

## 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.

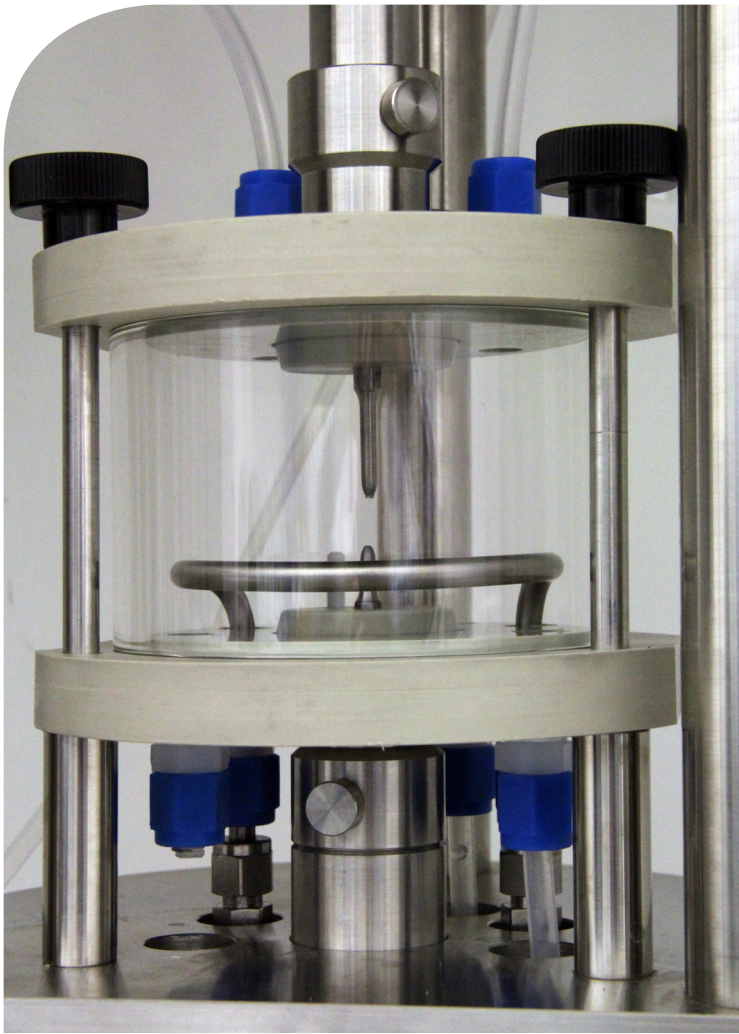
The skilled OCAS team not only performs all standardised tests in its in-house state-of-the-art sour corrosion lab, they also provide advanced technical support.

## Our 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. H<sub>2</sub>S saturation, temperature, pH, etc.*)
- Advanced post-test analysis techniques (*Ultrasound, Magnetic Particle Inspection, Microscopy*)

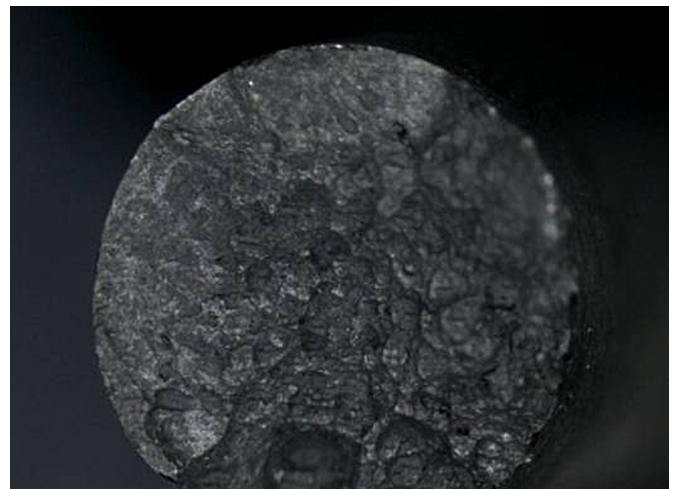






## Our extensive R&D expertise in

- 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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