

CASE STUDY

SIDE STREAM UNIT FOR ROEMEX - UNITED KINGDOM

SCOPE

Chemical Injection Utilities (CIU) was approached by Roemex, an international supplier of specialist chemicals and support services to the energy sector, to design and deploy a side stream into its client's produced water system.

The goal of the project was to monitor how the corrosion inhibitor and any process changes were affecting the corrosion rate. Although historically installed corrosion coupons had indicated low corrosion rates, the client continued to experience corrosion issues that could not be linked to a specific cause.

SOLUTION

A side stream was mobilised and installed on site within two weeks, demonstrating CIU's ability to rapidly respond to complex side stream requests.

The unit was equipped with:

- An LPR probe for instantaneous detection of corrosion rate changes.
- A high-sensitivity ER probe for long-term measurement of general corrosion rate.

RESULTS

The corrosion monitoring campaign confirmed that the corrosion inhibitor was performing effectively while also revealing that certain process changes were causing short-term, severe spikes in corrosion rates.

This project provided a successful and rapid demonstration of CIU's side stream capabilities.

CUSTOMER FEEDBACK

"From the initial conversations through to field deployment, CIU provided both expert insight and fantastic service provision. In working together on this project, Roemex has been able to provide new methods for long term corrosion monitoring to our end client. The adaptability and temporary nature of using the side stream skid has been invaluable in demonstrating the value of long-term data analysis".

CHALLENGES

- Complex side stream unit

BENEFITS

- Mobilised and installed within two weeks
- Quick results



Contact us today

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