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A Specialist Approach to Integrity

Chemical Monitoring

- How efficient is your chemical?
- Has it been tested in the field under normal operating conditions?
- Are your pumps operating effectively?
- When did you last inspect your injection nozzles?
- Are they the correct length?
- Are they blocked?
- Are you injecting enough / too much chemical?

NECE provide independent testing of chemical performance in the field. We operate high-sensitivity monitoring equipment and provide monitoring solutions to evaluate corrosion inhibitors & oxygen scavengers under live operating conditions. NECE's flexible and combined package provides the facilities to monitor real time dissolved oxygen and corrosion rates fundamental for assessing chemical effectiveness and fluid corrosivities.

Dissolved Oxygen Monitoring (Portable Orbisphere units)

- Comprehensive audits using Portable Orbisphere Ex 3650.
- Optimisation of oxygen scavenger regimes.
- Chemical pumps and injection quills health check.
- Water injection system review and leak investigation.
- Calibration of onboard units.
- Comprehensive reporting including graphs and KPIs.

Corrosion Inhibitor Evaluation (Portable evaluation units)

- Supply of specialist intrusive monitoring equipment.
- Supply, inspection and maintenance of chemical injection equipment.
- Strategies and workscopes inline with chemical and corrosion policies.
- Optimisation of chemical rate within performance targets.
- Evaluation of old products following process / field condition changes.
- Comparative trials (new products vs old products).
- Baseline (uninhibited) rates.