

Laboratory Technical Support Services

- Testing Services and much more ...
 - Environmental
 - General Testing
 - Oilfield Chemical Selection
 - Reservoir Characterization
 - Consultancy Services
 - Research
 - Instrument Catalogue
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Testing Services and Much More...

A customer driven, quality focused team, dedicated to industrial research, problem solving and quality testing offer you:

- Environmental Programs and Associated Testing
 - General Laboratory Testing
 - Reservoir Characterization
 - Oilfield Chemical Selection
 - Research
 - Consultation
 - Training
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Environmental

General

- Environmental Audits
- Impact Assessments
- Design of Monitoring Program

Water

- Effluent/Waterway Quality
- Abatement and Remediation Strategies
- Ground Water Evaluation / Monitoring

Air

- Air Quality Assessments

Soil/Sludge

- Characterization and Remediation
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General Testing

Crude Oil

- Detailed Characterization and Fractionation

Lubricating Oil

- Used Oil Analysis

Scales

- Investigative Analysis

Water Treatment Plants

- Audits
- Performance
- Improvement Recommendations

On-Site Sampling and Testing

- Tanks and Wellheads
- Process Plants
- Waterways
- Contaminated Soil / Sludge

Training

- Centrifuge Testing
- Environmental Awareness
- Field Methods for Analyses
- Sampling Techniques
- Specific Areas as Requested

Oilfield Chemical Selection

General

- Integrity Analyses
- Performance Checks on Chemicals
- Chemical Data Bank

Demulsifier/Reverse Demulsifier

- Laboratory Selection
- Field Performance Monitoring

- Optimization for Field Application
- Water Clarification

Wax Control Chemicals

- Laboratory Control
- Optimisation for Field Application

Corrosion Control Chemicals

- Laboratory Selection
 - Field Performance Monitoring
 - Corrosion Mitigation
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Reservoir Characterisation

Steam Injection

- Generator Performance and Evaluation
- Viscosity / Temperature Profile
- Density / Temperature Profile
- Steam Quality

Workovers

- Fluid / Fluid Compatibilities
- Fluid / Rock Compatibilities
- Return Fluid Analyses
- Scaling Tendencies of Injected Waters

Formation Waters

- General Quality Testing
 - Scaling and Corrosion Tendencies
 - Water Well Evaluation
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Consultancy Services

- Contaminated Soil Assessment and Remediation
- Effluent Treatment and Management
- EOR Techniques and Application
- Wettability Reversal
- Steam Additives

- MEOR Applications (Indigenous and Proprietary)
 - Carbon Dioxide Flooding
 - Reserves Estimation
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Research

- Emulsion Stability and Resolution
 - Water Geochemistry – Database
 - Crude Oil Geochemistry
 - Waxy Well Database
 - Water Flood Tracing
 - Water Treatment Technology Assessment
 - Methodology Development and Assessment
 - Projects as Requested
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Instrument Catalogue (Partial List)

- HP 6890 GC/MS Equipped with Purge and Trap Autosampler
- HP 5890 GC with Autosampler
- Solar 939 Atomic Absorption Spectrometer with Flame, Furnace and Vapor Generation Capabilities
- Lachat Flow Injection Analyzer with Autosampler
- Nicolet Fourier Transform Infrared Spectrometer with Gas, Liquid and Solid Sampling Capabilities
- UV / VIS Spectrophotometer
- Brookfield Digital Viscometer