



## CONTAMINANT REMOVAL CONSULTING

Nexo Solutions solves complex problems and provides educated and optimized solutions for the process industry. Whether it is oil and gas production, refining, gas processing, NGL fractionation, LNG production, chemical plants, or petrochemical plants, we have the experience and capabilities to take on the toughest process contamination issues and deliver the right answer. Our commitment is to provide the most comprehensive technical services in the industry for contamination testing, process troubleshooting, and development of customized solutions for improving plant performance.

### Technical Services

- Process and Equipment Troubleshooting
- Filtration, Coalescence and Adsorption Engineering
- Vessel Design and Simulations
- Onsite Audits, Evaluations and Testing
- Vessel Evaluation and Reconfigurations
- Specialized Expert Consulting
- Technical Training on Filtration and Process Separations

### Testing & Analysis Capabilities

- Filterability and Extractability
- Solid Deposits and Liquid Contaminant Analysis
- Fouling Testing and Corrosion Testing
- Onsite Testing (Gas and Liquid Streams)
- Onsite Inlet Contamination Sampling and Analysis
- Spent Filter and Coalescer Evaluations

### Process Technology & Systems

- Inlet Feed Gas Separation
- Filtration and Coalescence
- Gas Coalescer Simulator Software
- Activated Carbon Systems
- Cyclonic Systems
- Membrane Systems
- Customized Process Additive Chemicals

### Process Applications

- Process Contaminant Removal (Gas and Liquid Streams)
- Gas Treating and Liquid Treating
- LPG, NGL, LNG and Condensates
- H<sub>2</sub>S and Mercaptans Removal
- Hydrotreating and Hydrocracking
- Produced Water and Sour Water

