



Desulfurization Technologies

Upstream Production, Natural Gas, Refinery Processing, Fractionators & Splitters
Biogas, Landfill Gas, Ammonia Plants, Syngas and Custom Applications

Nexo Solutions

DESULFURIZATION TECHNOLOGIES & SYSTEMS
CONSULTING | TECHNICAL SERVICES | PROCESS TECHNOLOGIES

Technology

Advanced sulfur removal system designs are at the core of our products and solutions.

Performance is key for our chemical technologies. Every system has been carefully selected for specific applications based on a number of parameters for enabling improved performance.

Data Driven

Every application using our mechanical products is subjected to an evaluation prior to treatment. In key instances we perform laboratory bench tests to validate performance. Data driven results and further treatment protocols are critical components in our chemical products and solutions.

Cost

Treatment cost is vital for every plant and application that uses any of our systems. We strive to be the lowest cost of treatment in the industry with the highest process performance.

Desulfurization Technologies

Oil & Gas, Biogas, Landfill Gas, Syngas and Custom Applications



- Natural Gas
- Regenerator Acid Gas
- Fuel Gas
- Biogas
- Landfill Gas
- Vent Gas
- Flash Gas
- Flare gas

Desulfurization in Gas Streams

- H₂S Removal Systems
- Mercaptans Removal Systems
- Complete Turn Key and Skidded Designs
- Solid and Liquid Chemical Options
- Injection Quills, Pumps and Analyzers
- Consulting and Onsite Support
- Rental Systems



- NGL
- LPG
- LNG
- Light Crude Oils
- Butane
- Propane
- Fuel Gas

Desulfurization in Liquid Streams

- H₂S Removal System
- Mercaptans Removal Systems
- Complete Turn Key and Skidded Designs
- Liquid Chemicals
- On Demand Treating
- Consulting and Onsite Support



Specializing in Amine Unit Performance

- LNG
- Gas Processing
- Refinery
- Acid Gas Enrichment
- Acid Gas Injection
- Biogas
- Landfill Gas
- Syngas
- Metal Production
- Power Generation
- Carbon Capture

Amine Based Treating

- Consulting and Engineering
- Onsite Support and Troubleshooting
- Laboratory Testing
- Filters and Coalescers
- Antifoams and Emulsion Breakers
- Corrosion Inhibitors and Scale Inhibitors
- Process Equipment and Rental Vessels

Consulting Services & Technical Support

Oil & Gas, Bio Gas, Landfill Gas, Syngas and Custom Applications

Consulting Support

We are global specialists in gas processing and oil refining. Our consulting group can assist on a number of items related to the facility and its process units.

Onsite Support

Our field engineering team often times engage the facility directly by providing onsite support for our products and also for any other need that facility may have.

Inventory & Supply

Ensuring product inventory and supply is a critical component. We use monitoring technology and demand algorithms for no product supply interruption.

Contact

For more information and details on any of our desulfurization technologies, solutions or services, visit our website at: www.NexoSolutions.com



Nexo Solutions is a consulting & technology provider for desulfurization worldwide. Whether it is gas processing, oil production, oil refining, NGL fractionation, LNG production, biogas or landfill gas, our solutions focus a direct impact on profitability, performance and environmental compliance.

The paramount focus when using our desulfurization systems and products is treatment costs and reliability. Different applications often require different materials and systems designs. Every facility might have different needs, and for this is the reason we have several different options available.

All our desulfurization systems and products have been carefully designed and tested in a number of key applications. Each product has been thoroughly verified for performance, cost and compatibility.

Applications Support

Each of our mechanical & chemical product needs to be reviewed for correct utilization. Our field engineering team is dedicated to application support ensuring the right results and use for our products. Heaving expert field support is central to our mechanical solutions.

Turn-Key Systems

Before any of our desulfurization technologies and systems are deployed and operated, we evaluate the process application and economic considerations carefully for delivering the results and performance.

We also provide turn-key skidded systems because we understand that every application can demand different designs and system configurations. Our systems can be from repurposed parts or new built equipment depending on the specific requirements. These options can offer alternatives to lower costs and shorten delivery times.

SERVICES AVAILABLE

- Process Consulting
- Expert Technical Services
- Application Support
- Onsite Troubleshooting
- Feasibility Studies
- Optimization Programs
- Laboratory Testing
- Onsite Support
- Performance Guarantee

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