



Amine Optimization

Specializing in Amine Unit Performance

Foaming, corrosion, fouling, low performance, unable to meet specifications, high filtration costs or excessive expenses. Amine Optimization Company can help. Located in Houston, Texas, we offer the most comprehensive line of products and technical services for Amine Units. All products services are matched to individual Amine Units with the objective of improving process performance and plant reliability.

Filtration, Coalescing and Adsorption Products

- Gas coalescer vessels and complete systems for inlet separation
- Filter vessels and complete systems for Amine solvent filtration (rich/lean)
- Filter and coalescer elements (internal replacement elements)
- Vessel reconfigurations for improving existing vessel performance
- Activated carbon vessels and complete systems
- Amine recovery systems

Chemical Additive Products

- Antifoams (for gas processing)
- Emulsion breakers (for liquid processing)
- Corrosion inhibitors
- Activated carbons

Technical Services and Testing

- Amine Unit process consulting
- Onsite troubleshooting and testing
- Amine foam testing, root cause analysis and antifoam optimization
- Amine losses determination and recovery
- Filter and coalescer performance testing
- Corrosion and fouling testing and monitoring
- Inlet gas contamination sampling and testing
- Oxygen contamination testing
- Rich and lean amine solvent contamination testing
- Process and equipment evaluations
- Technical training on Amine Unit operations and troubleshooting

Laboratory Services and Analysis

- Solid and liquid contaminant chemical analysis
- Amine solvent chemical analysis
- Filter and coalescer element spent media evaluations
- Materials characterization and analysis

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