

Selected References

Gas Processing Companies

- Energy Transfer..... Consulting & Product Supply
- Williams..... Consulting & Product Supply
- XTO-Exxon..... Oxygen in Feed Gas Analysis
- California Resources..... Aluminum Heat Exchanger Protection
- Stakeholder Midstream..... Amine Unit Troubleshooting
- DCP Midstream..... Feed Gas Testing & Activated Carbon Supply
- EnLink..... Residue Gas Coalescer Testing
- Flywheel..... Amine Unit Process Improvement
- Parallel Energy..... Amine Unit Troubleshooting
- Union Fenosa..... Coalescer & Filter Supply
- Enbridge..... Filter Evaluation & Filter Supply
- Aspen Midstream..... Laboratory Setup
- Cogent Midstream..... Emulsion Breaker Supply
- Plains Midstream..... Filtration Testing
- Enterprise..... Treated NGL Testing
- EagleClaw..... Feed Gas Testing
- Crestwood..... Amine & Dehy Unit Consulting, Coalescer & Filter Supply
- DTE Midstream..... Foam Test Kit Supply
- Keyera..... Filter Design and Internals Supply

Project Completed

LNG Companies

- Fortis..... Feed Gas Testing
- Dominion LNG..... Cryogenic Feed Testing & Fouling
- ND LNG..... Coalescer Evaluator and Coalescer Supply

Refineries

- P66..... Antifoam Supply
- NWR..... LPG Amine Feed Testing & Emulsion Breaker Supply
- Suncor..... Caustic Unit Testing
- Holly Frontier..... Emulsion Breaker Supply
- Chevron..... Naphtha Drier System
- Pemex..... Amine Unit Consulting
- Petrobras..... Compression Protection
- CHS..... Amine Unit Contamination Testing
- PBF..... Foam Test Kit Supply
- Parkland..... LPG Amine Feed Testing & Emulsion Breaker Supply
- Eastman..... Amine Unit Consulting & Antifoam Supply

Others

- Sulfur Experts..... Feed Gas Testing & Sour Water Stripper Testing
- Suez..... Filter & Coalescer Vessel Supply
- GE..... Filter & Coalescer Vessel Supply
- ARC Energy..... H₂S Scavenger Startup
- Bechtel..... Amine Unit Consulting
- Transtex..... Filter & Coalescer Supply
- Striklan..... Filter & Coalescer Supply
- Kiewit Energy..... Amie Unit Consulting

Success Cases

Gas Processing Companies

• Energy Transfer.....	Reduced Energy by 11%
• Williams.....	Reduced Foaming Events by 85%
• DCP.....	Reduced Foaming Events by 95%
• Crestwood.....	Improved Capacity by 30%
• Fortis BC.....	Enabled Plant Startup
• EagleClaw.....	Determined Root-Cause of Solids Fouling
• DCP.....	Designed High Temperature Amine Filters
• DCP.....	Established Root-Cause of Liquids Ingression
• Oxy.....	Designed High Efficiency Gas Coalescer
• Eastman.....	Improved Plant Throughput by Foam Control
• Energy Transfer.....	Minimized Iron Sulfide Scaling
• Energy Transfer.....	Improved Inlet Separation
• Energy Transfer.....	Reconfigured Installed Filter Vessels
• Energy Transfer.....	Designed Feed Gas Water Wash System
• Williams.....	Reconfigured Installed Filter Vessels
• TAQA.....	Determined Root-Cause of Stripper Fouling
• Petroplus.....	Improved Desalter Operation
• Carrera Gas.....	Established Root-Cause of Unit Corrosion
• Stakeholder Midstream.....	Determined Root-Cause for Unit Foaming
• Shell.....	Determined Root-Cause for Unit Fouling
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Project Completed

LNG Companies

• ALNG.....	Eliminated Amine Carryover
• ALNG.....	Lowered Regenerator Energy by 23%
• FortisBC.....	Initial Amine Unit Startup
• Dominion.....	Identified Cryo Exchanger Fouling Cause

Project Completed

Refineries

• Parkland.....	Identified Sour Water Stripper Fouling Cause
• NWR.....	Identified Amine Unit Foaming Cause
• Holly-Frontier.....	Identified Amine Unit Emulsion Cause
• Suncor Montreal.....	Identified Amine Unit Foaming Cause
• Motiva.....	Established Root-Cause of Hydrotreater Fouling
• Delek.....	Installed Amine Recovery System