

Process Systems & Desulfurization Technologies

Exion Systems designs and fabricates advanced process systems, contactors and desulfurization technologies for a number of applications in the hydrocarbon and water industries.

Exion LT systems are designed for optimized performance in H₂S and mercaptans separation in most liquid streams. The patented process involves the injection of a proprietary water-soluble chemical blend of active components. **Exion LT** is extremely effective in removing H₂S, COS, elemental sulfur and also low molecular mercaptans in liquid hydrocarbon streams.

Exion GT systems are designed for improved performance in H₂S and mercaptans separation in most gas streams. The process involved the injection of a proprietary chemical that is a water-soluble blend of active components in an organic environment. **Exion GT** is highly effective in removing H₂S, CO₂ and also low molecular mercaptans in gas hydrocarbon streams.

Exion HD systems are designed for optimized performance for emulsified and soluble water separation or dehydration. **Exion HD** systems are used in liquid hydrocarbon streams.

Exion HE systems are designed for imparting a high efficiency water wash extraction process using propriety contacting and coalescence in most liquid hydrocarbon streams.

Exion LC systems are designed for separating liquid contaminants using coalescence when water is emulsified in liquid hydrocarbons streams or when hydrocarbon is emulsified in water streams.



Exion Systems applications:

- NGL, LPG, LNG, Gasoline, Diesel treating for H₂S, mercaptans
- Finished fuels or intermediates water separation or dehydration
- Amine treating and amine recovery
- Caustic treating
- Sour water feed conditioning
- LPG feed conditioning
- Alkylation unit protection
- Reformer chlorides removal
- Hydrocarbon removal and recovery
- Soluble contaminant removal and phase contacting

Benefits of Exon Systems:

High Efficiency | Low Capital Costs | Small Vessel Sizes | Skidded Systems | Modular Designs

For more information about **Exion Systems** technologies contact us at info@ExionSystems.com