

### 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 H<sub>2</sub>S 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 H<sub>2</sub>S, COS, elemental sulfur and also low molecular mercaptans in liquid hydrocarbon streams.

**Exion GT** systems are designed for improved performance in H<sub>2</sub>S 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 H<sub>2</sub>S, CO<sub>2</sub> and also low molecular mercaptans in gas hydrocarbon streams

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

**Exion X** systems are designed for imparting a high efficiency water extraction process using propriety contacting and coalescence. **Exion X** are used in liquid hydrocarbon streams.

**Exion C** 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 C** are used in liquid streams.



**Exion Systems** applications:

- NGL, LPG, LNG, Gasoline, Diesel treating for H<sub>2</sub>S, mercaptans
- Finished fuels or intermediates water separation and 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
- Methanol removal

**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](mailto:info@ExionSystems.com)