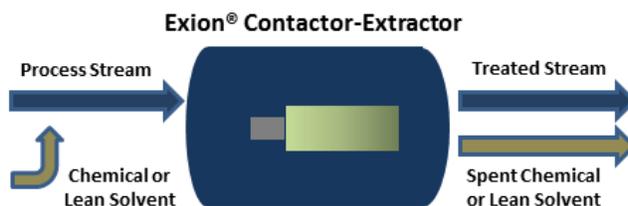


**Exion® GT** is a patented technology for H<sub>2</sub>S, COS, CO<sub>2</sub>, and light mercaptans removal that uses specialized chemical injection technology combined with a proprietary contacting-extracting technology and coalescing. The **Exion® GT** system provides exceptional removal results. The system is designed for high performance in several gas streams. The chemical (**Exion® GT-300**) is a water-soluble blend of polyol and active components. The chemistry is extremely effective in removing H<sub>2</sub>S, and other contaminants such as COS, CO<sub>2</sub> and light mercaptans (C1-C3).

**Exion® GT** is specifically designed to remove high levels or bulk H<sub>2</sub>S from gas streams in addition to other gas phase contaminants. The system can be installed anywhere in the plant as a standalone unit, or it can be used upstream of a triazine treating unit to substantially reduce triazine consumption. The **Exion® GT-300** chemical has up to 2x the capacity of triazines and is ideal to reduce contaminants from percentage levels to below 1,000 ppm. There is also no solid formation created by this chemical, and it is equally effective at lower temperatures.

#### Applications of Exion® GT Systems:

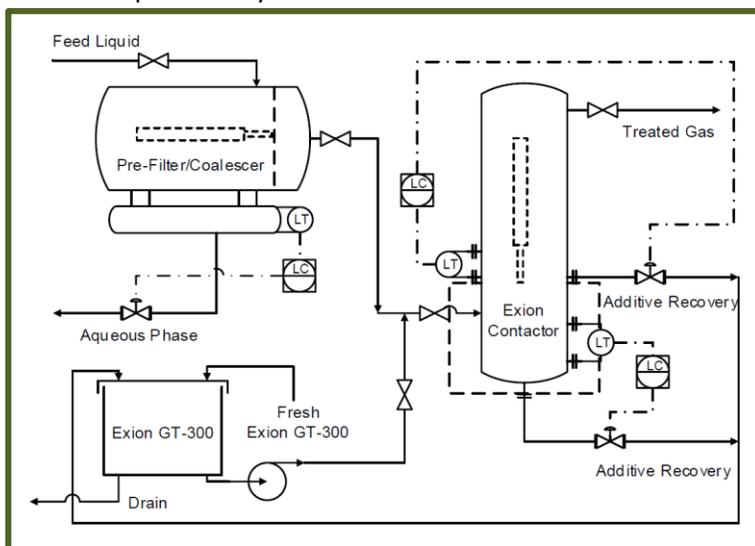
- Natural Gas
- Fuel Gas
- Treated Gas
- Vent Gas
- Flash Gas
- Biogas
- Associated Gas
- Landfill Gas



The **Exion® GT-300** chemical converts the contaminants irreversibly and instantaneously into a stable, non-hazardous and water-soluble component. The chemical is activated by contacting in the **Exion® GT** system and then separated from the gas stream by coalescence. The spent chemical is stable and easily disposed by several methods depending on the plant infrastructure. **Exion® GT-300** is a safe product that is compatible with most production chemicals and materials. The chemical requires very little contact time as the reaction is instantaneous. The chemical dosage required for removal using **Exion® GT-300** is typically 50% lower than that of standard scavengers such as triazines or aldehydes, and the overall reduction in chemical costs is around 40% lower. The short contact time required means that the **Exion® GT** systems are smaller and more compact compared to any other scrubber or bubble tower. This translates into much smaller vessel sizes and lower capital costs.

#### Features of Exion® GT systems:

- High Removal Efficiency
- Low Capital Costs
- Small Vessel Sizes
- Small Footprint
- Minimal Maintenance
- Skidded Integrated Systems
- Modular Flexibility
- Continuous Operation
- Minimal Downstream Effects



#### Exion Systems

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