Amine Optimization

Specializing in Amine Unit Performance

Iron Sulfide and Iron Control Chemistries, Programs and Total Solutions

Amine units, gas processing facilities in general and upstream pipelines are constantly exposed to corrosive environments. Thus, managing corrosion and solids to low levels is essential for maintaining performance and minimizing costs. Iron sulfide (FeS) and other iron components are a common by-product of H_2S corrosion, erosion and oxidation, and often causes equipment failures along with surface fouling. This is why eliminating FeS from the inlet to the plant and units is paramount for all sour gas processing facilities.

The iron sulfide and iron control chemicals, programs and total solutions by our partner OAGS are designed for unloading the facility front end process of solids directly impacting vessels filled with solids, equipment plugging, filter use and instrumentation. Each program is tailored for the specific facility for best cost and performance.

The program starts with an onsite evaluation at various locations for FeS and other Fe-contaminants challenges, thermal imaging, followed by best product screening, application and monitoring for continuous improvement.

Inlet Liquids to Processing Facility - Actual

Inlet Liquids to Processing Facility - Treated

For additional information on our iron contaminant control programs and technologies please contact today.

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