

## **Amine Optimization**

## Specializing in Amine Unit Performance

## Magnetic Filtration for Iron Sulfide & Iron Oxide Removal



Processing units in many facilities can be 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<sub>2</sub>S 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. A novel solution for this problem is to use magnetic filters. Iron sulfide and iron oxide are magnetic materials that can be removed using a magnetic filter.



## **Benefits:**

- No consumables
- Simple maintenance
- Minimal waste
- High efficiency magnetic particle removal
- Long operational life
- Technical support

The iron sulfide and iron oxide magnetic filtration systems & total

solutions by our partner BPS are designed for unloading the facility front end process of solids directly impacting vessels filled with solids. Each system is tailored for the specific facility for best cost and performance.



For additional information on our magnetic filtration technologies please contact us today.

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