**Nexo**Solutions

## **Magnetic Filtration**

## Iron Sulfide Removal | Iron Oxide Removal | Solids Removal



Processing units in many facilities can be constantly exposed to corrosive environments. Therefore, managing corrosion and solids to low levels is essential for maintaining performance and minimizing costs. Iron sulfides (FeS) and other iron-based materials are a common by-product of H<sub>2</sub>S corrosion, erosion and oxidation. These often causes equipment failures along with equipment 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 for iron sulfide and iron oxide removal.

## **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.



Nexo Solutions – 25003 Pitkin Road, Suite A100 – The Woodlands, TX 77386 – USA Tel +1 (832) 510 8191 support@nexocolutions.com nexosolutions.com