Sulfur Recovery

The sulfur recovery unit converts the hydrogen sulfide in the acid gas into elemental sulfur. Among these conversion processes, the Claus (two-stage desulfurization) method is by far the most famous elemental sulfur recovery method, while the traditional contact method and WSA method are the most commonly used technologies for sulfur recovery. The residual gas produced by the Claus process is often referred to as tail gas. The exhaust gas will be processed by the subsequent gas treatment device.

Challenges

The sulfur condenser is equipped with a desulfurization device at the outlet end to efficiently separate liquid sulfur from the process gas. Equipped with a collection container with continuous level control, it can be used for the storage and removal of sulfur-containing products.

Products

- **UHC Magnetic Level Gauge**

UHC magnetic level gauge provides a safer, more reliable and more visible option than conventional glass level gauge. The float moves up and down with the change of level, and the float transmits the level signal through the coupling magnetic field, which divides into the local indication type and the remote transmission output type.

Chamber and float have a variety of materials and pressure-grade options and are suitable for complex process applications of current major operating devices.

Features

1. The float adopts 304,316 L, TA2 and TC4 material. It has good temperature

resistance and can reach to 450℃.

2. The welding process meets the requirements of PED welding process. The chamber is made of 304,316 L. The maximum pressure can reach to 26 Mpa.
3. Local indicator type and remote output type with level alarm are optional.
4. According to customer requirements, through a variety of production types, the products can be applied to a variety of working conditions.