

OIL AND GAS FIELD SURFACE PROCESSING EQUIPMENT

Dry Desulfurization Unit

In natural gas purification, hydrated iron oxide is commonly used as the desulfurizing agent. Through an oxidation reaction, it removes H_2S from natural gas. This method is particularly suitable for applications with low gas processing capacity and low H_2S content, such as single-well desulfurization, ultra-low sulfur removal, and fuel gas desulfurization within stations, etc..



Claus Sulfur Recovery Unit

The high-concentration H_2S gas obtained after natural gas desulfurization is mixed in controlled proportions with air or oxygen and combusted in a furnace. Through a series of catalytic reactions, the hydrogen sulfide is converted into elemental sulfur, achieving both resource recovery and effective reduction of environmental impact.

