

# SAFETY FLYER

## Safety precautions of hydrogen sulphide (H<sub>2</sub>S)

Feb. 2023

Avoiding exposure to hydrogen sulphide is the best way to protect health. Options that should be considered include the use of the following:



- Adhere to Company safety & health policies & procedures.
- Ventilation to control hydrogen sulphide concentrations in the air.
- Closed systems that vent to a flare.
- Gas testing should be done before starting any job.
- Make sure that drilling mud/fluid does not remain in a tank for too long.
- Ensure tanks are cleaned with a chemical treatment to remove hydrogen sulfide from crude oil, gas and water streams.



Chemical treatment of drilling mud/fluid, along with proper pH control, should be used to reduce the amount of hydrogen sulphide that is recirculated. Caution is needed when handling drilling fluid that has been exposed to hydrogen sulphide. This is because hydrogen sulphide can move from the liquid into the vapour space of the storage tank and will be released when the tank is opened