

(4) H2S Awareness & Breathing Apparatus

WHO SHOULD ATTEND

This short course is intended for all personnel assigned to an Oil & Gas facility where the gas may be present

COURSE OBJECTIVES

The training course aims to provide knowledge, skills, and confidence to respond appropriately to a H2S release as well as recognition of an emergency and provide the knowledge for the proper use of emergency equipment and procedures to enhance survival whenever a gas release is in place.

This course complies with National Fire Protection Association 204 and the American Conference of Governmental Industrial Hygienists (ACGIH).

SPECIFIC OBJECTIVES

Sources; hazards; properties and characteristics of H2S and SO2; proper use of detection equipment (personal or portable gas monitors); recognizing and responding to alarms; location of muster points; symptoms of exposure and biological effects; rescue techniques and first aid; proper storage, use and maintenance of the respirators; limitations and capabilities of the respirators; practical donning, operational checks, and doffing of the respirators; recognizing and responding to respirator malfunction and emergency situations; and recognizing medical signs that may prevent or limit the user from wearing a respirator.

CONTENT

- Introduction
- Properties of Hydrogen Sulfide
- Hazards of Hydrogen Sulfide
- Detection and Monitoring
- Emergency Alarms
- Personal Protective Equipment
- Wind Direction Indicators
- Escape Routes And Procedures
- Handling of Breathing Apparatus (Theory/Practice)
- Safety Rules and Procedures
- Closure

INTENDED FOR

All personnel assigned to an Oil & Gas facility where the gas may be present