

Basic H2S Training



Duration: 1 / 2 Day

Course Size: Minimum 6
Maximum 20

Rate: THB 7,000.00 +
7% VAT (per person)

Location Pattaya International Safety
Training Center

Certificate PISTC Certificate

Pre-requisites Updated Medical
Certificate

Validity 2 years

Introduction

H₂S (hydrogen sulphide) is a gas that can be created by natural biological processes or by human activity and poses a serious threat to people or assets because of its extremely toxic and corrosive properties. It is important, therefore, for oil and gas personnel to be competent in emergency response practices necessary for them to stay and work in an environment with potential for exposure to H₂S gas.

Target group

The H₂S training programme is for personnel that are, or could be, working in an environment that could become contaminated by H₂S gas.

Course Overview

The aims and objectives of the training are to ensure that the delegate gains the required knowledge and understanding of the particular hazards and properties of H₂S, and appropriate emergency response actions to take should a H₂S related incident arise.

During the training programme, delegates will be required to demonstrate their skills and understanding of the following key areas.

Learning Outcomes

- ❖ Hydrogen sulphide – how it is formed and where it is found
- ❖ Other names used to describe H₂S
- ❖ Properties and characteristics of H₂S
- ❖ Parts per million (ppm) as a measurement parameter
- ❖ Occupational exposure limits to H₂S
- ❖ Factors affecting individual susceptibility to H₂S
- ❖ Types of detector equipment
- ❖ Types of respiratory equipment
- ❖ Pre-use checks of personal detection devices and EBA
- ❖ Operating personal H₂S detection equipment (including checks)
- ❖ Responding to an alarm
- ❖ Donning & operating (including checks) an escape breathing apparatus (EBA) with a mask within 30 seconds
- ❖ Donning & operating (including checks) an EBA with a hood within 30 seconds
- ❖ Connecting to a pressurised cascade breathing system with an activated EBA which has been donned correctly
- ❖ Disconnecting from a pressurised cascade breathing system with an activated EBA which has been donned correctly.

Competency

Competencies of delegates are assessed during practical exercises.

Schedule *Scheduled dates available on request*

