

H2S Awareness, On-Line Training

Course number:	ESOL-04
Duration:	Approx 90 Min
Cost:	75.00 Per Person
Pre-requisites:	None

Course Description

H₂S gas is present during oil and gas exploration but can also be found in the pulp and paper industry, sewage and treatment facilities, landfills and in farming operations where manure is stored.

Inhaling even the smallest concentration of H₂S gas will have an immediate effect on the human body; inhaling high concentrations of this gas is fatal. Therefore it makes sense that every worker who may be exposed to this gas must first know where it is commonly found, how it can be detected through continuous monitoring and most importantly, emergency action steps required to stay alive in the presence of H₂S.

Participants will learn about personal breathing apparatus, contingency planning and rescue methods used to assist victims of overexposure. Participants will learn to protect themselves first before they can help others. It is important that every oil and gas industry worker understand basic first aid measures including rescue breathing and cardiopulmonary resuscitation (CPR).




Our Online H₂S awareness course will benefit users that need to know about H₂S and serves as an excellent resource for people whose companies support the Oil and Gas Industry.

Participants are advised to speak to their employer if they have any question as to what level of H₂S training they may require and if the H₂S Awareness program will be sufficient for their purposes.

Upon successful completion, a **2 year H2S Awareness certificate** will be issued automatically

Online Course Content

Hydrogen Sulphide: It's a killer gas

-  Introduction to H2S
-  Properties of H2S
-  H2S Health Hazards



Hazard Detection & Exposure Limits: How much is too much

- ✚ Hazard Detection
- ✚ How H₂S is measured?
- ✚ Worker Exposure Limits & Corresponding Health Effects
- ✚ Signs & Symptoms of Acute Toxicity
- ✚ Signs and Symptoms of Chronic Toxicity

Hydrogen Sulphide in the Oil & Gas Industry

- ✚ Locations of H₂S (some examples)
- ✚ Perfect Conditions for a H₂S Release
- ✚ Locations of H₂S Leaks (some examples)
- ✚ Activities that Contribute to a Release
- ✚ Common Leak Locations

Personal Protective Measures

- ✚ Personal Protective Equipment

Contingency Plans & Rescue Response including First Aid

- ✚ Contingency Plans & Emergency Response
- ✚ Emergency Response Strategy
- ✚ Unresponsive Worker Rescue Techniques
- ✚ Rescue Breathing
- ✚ CPR
- ✚ Requesting Emergency Medical Services

Safe Job Procedures

- ✚ Safe Job Procedures
- ✚ Employer Responsibilities
- ✚ Workers Responsibilities
- ✚ Worksite Awareness