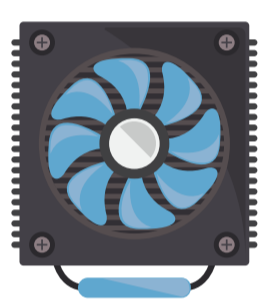


H₂
HYDROGEN

GENERAL INFORMATION ON
Hydrogen
SAFETY

Hydrogen is a flammable gas that is colorless, odorless, and tasteless, making it difficult to detect without an oxygen deficient gas monitor. workers in industries such as welding and cutting metals, making other chemicals, or processing fats and oils. There are no physical symptoms from hydrogen itself, but it can displace the oxygen in a room, creating a dangerous oxygen deficient atmosphere.

SAFE PRACTICES



Ventilation

Ensure when working in a confined space that there is adequate ventilation.



Personal Protective Equipment

Wear safety gloves, goggles, and protective footwear when handling cylinders. A face shield and respirator may be necessary depending on the application.



Know the Codes

Familiarize yourself with the codes set by ICC, NBIC, NFPA, IFC, OSHA and NIOSH.



Safety Systems

Install gas detection safety systems to protect workers near a potentially oxygen deficient environment.

OSHA LIMITS



19.5%

Minimum "safe level" per OSHA and often the low level alarm of most O2 detectors

HAZARD AREAS



Welding



Processing Fats and Oils



Petrochemical Facilities



Landfills

LEARN MORE!

