

Download Compressed Gasses Compressed Hazards

Compressed Gas and Equipment Menu. Hazards associated with compressed gases include oxygen displacement, fires, explosions, and toxic gas exposures, as well as the physical hazards associated with high pressure systems. Special storage, use, and handling precautions are necessary in order to control these hazards. Understanding the hazards. Some common kinds of compressed gas include acetylene, ammonia, carbon dioxide, chlorine, fluorine, hydrogen and oxygen. Remind your employees to read the label on the cylinder and the material safety data sheet (MSDS) for safety information. All compressed gases are hazardous because of the high pressures inside the cylinders. Gas can be released deliberately by opening the cylinder valve, or accidentally from a broken or leaking valve or from a safety device. Compressed gases & cylinder overview. In addition, there are hazards from the pressure of the gas and the physical weight of the cylinder. A gas cylinder falling over can break containers and crush feet. The cylinder can itself become a missile if the cylinder valve is broken off.