

Oxygen deficiency and oxygen enrichment in any confined space may not be noticeable, but that does not mean it isn't dangerous. Failing to properly monitor spaces that are using or storing hazardous gases could lead to severe health and fire hazards. It's important to prioritize gas detection safety monitoring, to safeguard yourself and employees as well as properly understand the hazard when working near dangerous gases.



higher than **23.5%** should adhere to the cleaning standards promoted.



29 CFR 1910.101

Standards are set for the handling, use, and storage of compressed gas cylinders in applications other than welding and cutting.



An oxygen deficient atmosphere is further defined as any environment that holds less than 19.5% available oxygen. This environment is noted to not be entered without an approved oxygen safety monitor or self-contained breathing appartus.



Anywhere hazardous gases or "Liquid Nitrogen/Liquid Helium is stored or used

Areas where compressed gases are transported or used

HAZARD AREAS



Rooms containing tanks of stored gases such as laboratories, food production facilities, and cryogenic chambers.



Venting from Cryogenic Gas Cylinders



Oxygen use in cutting and welding







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