

Appendix F: Oxidizing Gases

Oxidizing gases that, in the presence of an ignition source and a fuel, support and may vigorously accelerate combustion. If the gas was also toxic, this would be listed as primary hazard with oxidizer as the secondary hazard. Some gases, such as fluorine, are as aggressive an oxidizer as they are toxic, so both hazards are listed as primary. When using, handling, or storing oxidizing gases, incorporate the following controls into your standard operating procedures for using, handling, and storing compressed gases.

CONTROL

Administrative Control

DESCRIPTION

- All equipment used for oxidizing gases must be cleaned with oxygen-compatible materials free from oils, greases, and other contaminants
- Do not use oily hands or gloves when handling cylinders. The reaction between oxygen and hydrocarbons can be violent, even when small quantities are involved.