

**WAC 296-307-61610 Prevent conditions that could create a hazardous breathing air supply.**

**You must:**

- Use SCBA and air-line respirators safely:
- Do **NOT** supply compressed oxygen to SCBAs or air-line respirators that previously used compressed air.

**Note:** Compressed air leaves residues containing hydrocarbons such as oil or grease. Fire or explosion can occur if compressed oxygen makes contact with these residues.

**You must:**

- Use breathing air couplings on air-line respirators that are **NOT** compatible with couplings for nonrespirable air or other gas systems, for example, utility air used for manufacturing purposes.
- Do **NOT** allow asphyxiating substances to enter breathing air lines; for example, do not flush nitrogen through worksite air lines also used for breathing air.
- Use equipment specifically designed for oxygen service or distribution **IF** oxygen concentrations greater than 23.5% are used.

**Note:** Respiratory equipment **NOT** designed for oxygen service or distribution can create fire or explosion hazards in oxygen concentrations higher than 23.5%.

**You must:**

- Make sure cylinders used to supply breathing air for SCBAs or air-line respirators are tested and maintained as described in the federal Department of Transportation's (DOT) Shipping Container Specification Regulations, Title 49 C.F.R. Parts 173 and 178.

**Note:**

- Use only cylinders marked (with serial number, cylinder pressure, DOT exemption number, and test dates) according to these DOT regulations
- To find any Code of Federal Regulations (C.F.R.) visit: [www.access.gpo.gov](http://www.access.gpo.gov).

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060. WSR 05-01-166, § 296-307-61610, filed 12/21/04, effective 4/2/05.]