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

[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.]