

HAZARD

ALERT:

Compressed Gases



Hazards associated with compressed gases used in underground coal mines include:

- Flammable/explosive gases (acetylene, propane, MAPP)

- Fire/explosion accelerants (oxygen)

- Suffocation (fuel gases, argon, carbon dioxide, nitrogen)

- Extreme force / pressure vessels (broken valve, burst tank)

Best practices:

- Secure tanks for storage and protect them from damage

- Remove hoses and gages when not in use

- Install caps and secure tanks prior to transporting

- Secure gas hoses and attachments when not in use

- Do not transport gas cylinders on mantrips

- Only one set of tanks on a section

- Do not leave unattended tanks in by last open crosscut

- Must be trained and qualified to use compressed gases

- Maintain tanks, hoses, and accessories in safe operating condition

