

## **13.2 Acetylene, Oxygen and Other Pressurized Fuel Cylinders**

Acetylene and oxygen cylinders are under high pressure and shall be handled with extreme care. Cylinders shall be kept in an upright position, either on a tank cart or tied to a vertical building member, such as a building column. Never lay cylinders down.

- (a) Valve handles or valve wrenches shall be retained in place while cylinders are in use.
- (b) Check all connections for leaks.
- (c) Keep hose in the clear so that it cannot be damaged.
- (d) Protect gauges and torches from damage.
- (e) Keep cylinders away from work areas so that sparks cannot reach them.
- (f) Oil and grease shall never be used on or around welding and cutting equipment.
- (g) The use of regulators and flash arrestors are mandatory.
- (h) Do not use oxygen to blow out or clean equipment.
- (i) Do not take cylinders into elevator pits; keep them in a well-ventilated area.
- (j) Do not lift cylinders by their protective caps.
- (k) Propane and butane are heavier than air, and highly explosive. Guard against leaks when using this equipment. Use only in well-ventilated areas. Unburned gas from even a small leak will settle in pockets such as elevator pits, stairwells or other areas.
- (l) Shut off valves and purge all hoses immediately after each use.
- (m) Cylinder caps shall be in place whenever cylinders are not in use, being moved, or while they are in storage.
- (n) Acetylene and oxygen cylinders can be temporarily kept in a hand cart if they were used in the current 24 hour period.