



**STEP**ing toward safety compliance!

## WELDING

Only authorized and trained personnel are permitted to use welding, cutting, and/or brazing equipment and those persons will use appropriate personal protective equipment.

Extreme care must be taken when welding containers such as tanks or drums. They must be thoroughly cleaned to eliminate the possibility of explosion or the release of toxic vapors.

An appropriate fire extinguisher will be readily available for immediate use. A fire watch will be assigned when there is the potential that a fire might develop. When welding, cutting, or brazing near a fire hazard and the fire hazard cannot be isolated, shields will be used to confine the sparks, heat, and slag.

The welding operator will insure there is adequate ventilation where he is working.

All cylinders of compressed gas will:

- A. Have valve protectors in place when not in use or connected for use.
- B. Be legibly marked to identify the gas contained therein.
- C. Will have the valves closed before the cylinder is moved; when the cylinder is empty; and at the completion of each job.
- D. Will be stored in areas that are free from intense heat, electric arcs, and high temperature lines.
- E. Will be securely chained when in a portable dolly; in storage; or in transportation from tipping, falling, rolling, and damage from passing or falling objects.
- F. Will be marked: "EMPTY", when appropriate.
- G. Will be used only for the purpose for which they are designed. For example, cylinders will not be used as rollers or supports.
- H. Will be kept away from stairs.

All cylinders, cylinder valves, couplings, regulators, hoses and apparatus will be kept free of oily or greasy substances.

Welding is a special skill. If you are working around welding operations use caution with emphasis on eye protection and hot projectile protection.