

# fire safety in welding and cutting

**Welders and cutters must  
follow fire regulations  
and safe procedures.**

**Employers must provide  
safe working conditions  
and safety training.**

In all segments of industry, welders and cutters are exposed to hazards from fire and explosion. Such hazards can be minimized, and the work place made safe, when *procedures and regulations are observed*.

This booklet is a brief outline of precautionary measures and safe practices that will help avoid the hazards of fire and explosion.

Read, understand, and follow the manufacturer's instructions, Material Safety Data Sheets (MSDSs), and your employer's safety practices.

Your safety director or supervisor should be consulted when specific questions arise.

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For further information, refer to American National Standard Z49.1, "Safety in Welding and Cutting," and AWS F4.1-88, "Recommended Safe Practices for the Preparation for Welding and Cutting of Containers That Have Held Hazardous Substances," both available from the American Welding Society, 550 N.W. LeJeune Road, P.O. Box 351040, Miami, FL 33135.

Requirements of the OSHA Act are given in Title 29, Code of Federal Regulations, Section 1910 Subpart Q (Occupational Safety and Health Administration Document 2206), available from U.S. Department of Labor, Washington, DC 20210.

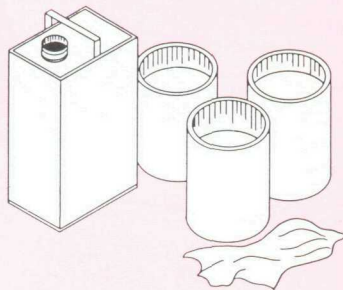
# certify conditions are safe before hot work is begun

Before beginning work, you should:

- **Examine** the immediate and adjacent work areas for flammable materials.
- **Assure** that all required safety and health equipment is available and properly used.
- **Test** the atmosphere for the specific gases when explosive gas mixtures may be present.
- **Check** the location and type of fire fighting equipment available.
- **Check** who will provide fire fighting needs (on-site company personnel, local fire department, or both), level of response, and method of contact (alarm, radio, telephone, etc.).
- **Notify** all persons near the proposed hot work site.
- **Identify** all ways of area entry and exit.



YES



NO