



# oxyfuel gas welding, cutting, and heating safely

Welders shall follow  
safe welding practices.

Employers shall provide  
safe working conditions  
and safety training.

As in most trades, welders are exposed to certain hazards. Hazards exist with all welding and allied processes. Welding is safe when safe practices are followed.

This booklet is a brief outline of precautionary measures that will help avoid the hazards of gas welding and allied processes.

Read and understand the manufacturer's instructions and your employer's safe practices.

Your Safety Director or Supervisor should be consulted when specific questions arise.

For further information refer to American National Standard Z49.1, "Safety in Welding and Cutting," available from the American Welding Society, 550 NW LeJeune Rd., P.O. Box 351040, Miami, FL 33135.

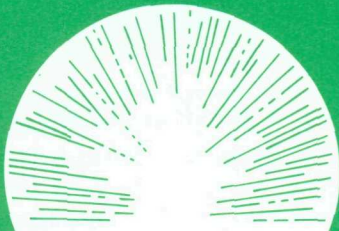
Requirements of the OSHAct are given in Title 29, Code of Federal Regulations, Section 1910 Subpart Q (Occupational Safety and Health Administration Document 2206), available from U.S. Department of Labor, Washington, DC 20210 and the booklet "TLV's, Threshold Limit Values....," American Conference of Governmental Industrial Hygienists, 6500 Glenway Avenue, Bldg. D-5, Cincinnati, OH 45211.

# warning:

**PROTECT YOURSELF AND OTHERS.  
READ AND UNDERSTAND THIS BOOKLET.**



**FUMES AND GASES**  
can be dangerous to  
your health.



**HEAT RAYS** can  
injure eyes.



**FUEL GASES**  
can explode.

YES



# fumes and gases can be dangerous to your health

NO



- **KEEP** your head out of the fumes.
- **DON'T** get too close to the flame. Use corrective lenses if necessary to stay a reasonable distance away from the flame.
- **READ** and obey the warning labels that appear on welding materials and equipment.