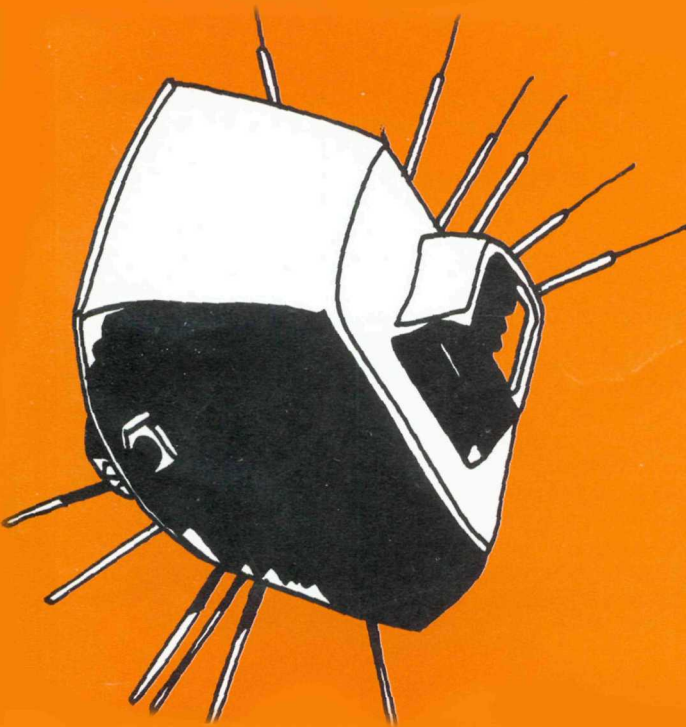


# arc welding and cutting safely

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 arc 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 arc 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.

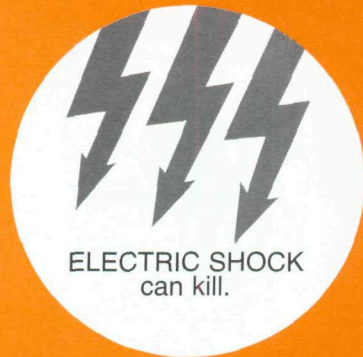
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For further information refer to American National Standard Z49.1, *Safety in Welding, Cutting, and Allied Processes*, and F4.1, *Recommended Safe Practice for the Preparation for Welding and Cutting of Containers and Piping*, available from the American Welding Society, 550 N.W. LeJeune Road, Miami, FL 33126.

Requirements of the OSHA Act are given in Title 29, Code of Federal Regulations, Section 1910 Subpart Q, available from the U.S. Government Printing Office, Superintendent of Documents, P.O. Box 371954, Pittsburgh, PA 15250 and the booklet, "TLVs, Threshold Limit Values...", American Conference of Governmental Industrial Hygienists, 6500 Glenway Ave., Bldg. D-7, Cincinnati, OH 45211.

# warning:

PROTECT YOURSELF AND OTHERS.  
READ AND UNDERSTAND THIS BOOKLET.



YES



## fumes and gases can be hazardous to your health

NO



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