

# HAND AND POWER TOOL SAFETY

## Supplement to Standard Training Module

### TRAINING REQUIREMENTS OVERVIEW

This standard Vivid training module provides a general overview of safety practices for Hand and Portable Powered Tools, and Other Hand-Held Equipment. Although no particular training regimen is required by the OSHA standard, employees **should** receive information and training on the use of hand and power tools used in their work area.

In addition to the general overview, employees ***should*** receive facility and work-specific training. This additional training ***should*** cover specific safety features and safety considerations of each type of tool, including the following:

- Proper tools, usage and limitations for given tasks
- Operating controls and safety features
- Reporting malfunctioning or defective equipment
- Tagging malfunctioning or defective equipment out of service

The General Duty Clause requires an employer to “provide employment and a place of employment which are free from recognized hazards”. Employee training, appropriate to recognized workplace hazards, is anticipated to be a part of a facility’s overall safety and health program.

Frequency: Training ***should*** be provided to affected employees:

- Upon initial assignment of work
- When recognized hazards change, or new hazards are introduced into the workplace
- When new or modified processes, procedures, and/or equipment are introduced into the workplace

### GENERAL OVERVIEW OF THE STANDARD

HAND AND PORTABLE POWER TOOLS - DEFINITIONS – 29 CFR 1910.241

HAND AND PORTABLE POWER TOOLS – GENERAL – 29 CFR 1910.242

GUARDING OF PORTABLE POWER TOOLS – 29 CFR 1910.243

OTHER PORTABLE TOOLS AND EQUIPMENT– 29 CFR 1910.244

**PURPOSE:** To provide effective control measures over the selection, use, and maintenance of hand tools and portable powered tools use in the workplace.

1. **SCOPE:** Applies to all occupational exposures in covered general industries, where hand and power hand tools are used by employees, including tools and equipment which may be supplied by employees.

This standard does not apply to circular saws used in the meat industry for meat cutting purposes.

2. **GENERAL REQUIREMENTS:** Requirements are outlined for care, use, inspection and maintenance of portable powered tools, including:
  - Portable powered tools
  - Pneumatic powered tools
  - Portable abrasive wheels
  - Explosive actuated fastening tools
    - High velocity
    - Low velocity
    - Additional general requirements
  - Powered lawn mowers
  - Jacks
  - Abrasive blast cleaning nozzles

## REFERENCE MATERIALS

### Website References:

OSHA Publication 3080 (1998, Revised), 29 pages, 225K PDF file. Includes information on the dangers of hand and power tools and safety precautions.  
<http://www.osha.gov/Publications/osh3080.pdf>

OSHA's Small Business Outreach Training Program Self-Inspection Checklists (1997, May), 2 pages. A general industry checklist including sections on Hand Tools and Equipment, Power Operated Tools and Equipment, and Powder-Actuated Tools.  
<http://www.osha.gov/SLTC/smallbusiness/chklist.html#Tools>

Hand and Power Tools used in the construction industry  
<http://www.osha.gov/SLTC/constructionhandpowertools/index.html>