

# Using Shipyard Portable Tools

## **Introduction:**

A variety of portable power and hand tools (such as grinders, drills, saws, and wrenches) are used throughout shipyard employment. However, the use of these tools can present the potential for worker injuries. Improper use of the tools, lack of maintenance, or inadequate guarding can result in worker injuries. The following are examples of tool-related injuries:

- Fractures from belts and pulleys and hand tools.
- Carbon monoxide poisoning from internal combustion engines.
- Embolism from compressed air.
- Falls from climbing while holding tools.
- Cuts, punctures, abrasions, and amputations from grinders, saws, hand tools, and powder-actuated fasteners.
- Eye Injuries from grinders, saws, and chisels.
- Hearing loss from noise exposure.
- Inhalation of toxic materials or dust.
- Repetitive motion injuries from improper positioning or use of tools.

**Course Purpose:** To provide shipyard workers with the knowledge needed to work safely with hand tools, power tools, and cords and chains.

**Target Audience:** Front Line Shipyard Workers

**Course Length:** 6 Hours

## **Course Topics:**

- Introduction
- Hand Tools
- Power Tools
- Cords and Chains
- Types/Hazards/Protection
- Summary