



Certified Hand and Power Tools Technician Course

Course Length: 1 Day CEU's .6

Course credential: Certified Hand and Power Tools Technician (CHPT)

Note: Refresher certification is required every three years to maintain professional credential.)

Course Overview

Hand and Power Tools is an intermediate online safety course on how to handle power tools of all types in a safe manner on the job site. You will be informed of OSHA's hand and power tools regulations for avoiding accidents and preventing injuries. In addition, you will be provided with types of mechanical hazards, types of tools and precautionary measures to ensure your understanding of tool safety.

Intended Audience

This hand and power tool safety course is designed for general industry and construction workers who work with and around hand and power tools.

Learning Objectives

This Hand and Power Tool safety course will teach you about the hazards of using hand and portable power tools on the job site. We will teach you hazard control options according to OSHA regulations. You will be presented with the basics of hand and power tool safety procedures and safe guards you should know about on the job site. In addition, you will be informed of the selection, proper use, maintenance, inspection and care of hand and power tools.

Course Topics

- Overview of Hand and Power Tools
- Introduction to Hand and Power Tools
- Types of mechanical Hazards
- Precautionary measures
- Types of Tools

- Case Study – Power Tool Electrocutation
- Types of Tools
- Case Study – Portable Grinder Accident
- Pneumatic Tools
- Liquid Fuel/Power-Actuated Tools
- Case Study – Power Tool Fatality
- Hydraulics and Mixers in a MSDS

INDUSTRY TERMS

- Hand and Power Tools
- Portable Power Tool Safety
- OSHA CFR 29 1910 and 1926 (Construction)
- ANSI (American National Standards Institute)
- NIOSH (National Institute Organization for Safety and Health)
- PPE (Personal Protective Equipment)

Features and Benefits

By taking IASHEP's Hand and Power Tools online safety course, we will teach you how to use hand and power tools safely. When you have successfully completed this course, you will:

- Know the hidden dangers and hazards of using hand and power tools on the construction work site
- Understand the importance of hand and power tool safety procedures to protect yourself from injuries
- Know how to select and use the right hand and power tools for a particular job

Testing:

Students completing the course must take a proctored final exam. A score of 80% on the final exam is necessary to receive your personalized certificate of completion. The student gets three (3) attempts to pass the course.

