

Hand and Power Tools

Course Description

This course starts by examining the fundamental techniques for the safe and proficient use of hand tools, aiming to maximize accuracy and ensure safety in everyday construction activities.

Then we'll dive into the critical safety measures and operational procedures for power tools. This section is designed to equip employees with the knowledge to enhance their work efficiency while maintaining the highest standards of safety.

Learning Objectives

Understand the complex and critical nature of electrical hazards in the construction workplace, including the definition and implications of electrocution hazards.

Learn about the major types of electrocution hazards in construction, including contact with power lines and energized sources, and the consequences of improper use of extension and flexible cords.

Explore critical precautions and strategies necessary to mitigate risks associated with power lines and electrical equipment, highlighting the importance of vigilance and proper safety measures.

Gain knowledge on essential electrocution hazard prevention strategies, including the use of ground-fault circuit interrupters (GFCIs), regular inspection of tools and extension cords, and adherence to lockout/tagout procedures.

Understand the responsibilities of employers in ensuring workplace safety, including maintaining safe distances from power lines, providing appropriate personal protective equipment, and establishing an Assured Equipment Grounding Conductor Program (AEGCP).

Target Audience

This course is aimed at people who are starting out in their careers or those who might need to refresh their interview skills after being out of the workforce for a long time.

Advantages

Online training is flexible, efficient and cost effective meaning the candidate can progress through the modules at their own pace and in their own time, so they can fit the training around their work and personal life.

Modules

Course	Module Number	Module Name	Pass % Required
Hand and Power Tools	1	Hand Tools Safety	70
Hand and Power Tools	2	Power Tools Safety	70

Recommended System Requirements

- Browser: Up to date web browser
- Video: Up to date video drivers
- Memory: 1Gb+ RAM
- Download Speed: Broadband (3Mb+)

Duration: 30 minutes (*Note: This is based on the amount of video content shown and is rounded off. It does not account in any way for loading time or thinking time on the questions).*