



# **COURSE 962393**

## **Hand and Power Tool Safety**

### **Exam Material**

**Uscontractorlicense LLC**

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## Summary Of This Course

## HAND AND POWER TOOL SAFETY

Approved by the

Wisconsin Department of Safety and Professional Services Safety and Buildings Division

Course Identification Number 962393

Educational Credit Hours: 1

### Course Provider:

## USCONTRACTORLICENSE LLC

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This booklet is designed to present to employees and employers a summary of the basic safety procedures and safeguards associated with hand and portable power tools.

Employees should be trained in the proper use of all tools. Workers should be able to recognize the hazards associated with the different types of tools and the safety precautions necessary.

This Course is approved for the following Registrations/Certifications or Licenses:

## **Course Outline**

This course is a distance learning or e-learning course, which allows the attendee to complete the course on their time schedule.

What Is the Purpose of This Booklet?

What Are the Hazards of Hand Tools?

What Are the Dangers of Power Tools?

Guards

Operating Controls and Switches

Electric Tools

Portable Abrasive Wheel Tools

Pneumatic Tools

Liquid Fuel Tools

Powder-Actuated Tools

Hydraulic Power Tools

What Help Can OSHA Provide?

Safety and Health Program Management Guidelines

State Programs

Consultation Services

Voluntary Protection Programs

Strategic Partnership Program

Training and Education

Electronic Information

Emergencies, Complaints, and Further Assistance

## **Exam**

20 questions related to the reference materials are used to test the attendee on their comprehension of the materials. A 70% score will need to be attained in order to pass this course.

## **Answer Sheet(s)**

1 bubble style answer sheet(s) are included. When you are finished with the exam, you may return the answer sheets for grading to:

By Mail: Uscontractorlicense LLC  
PO Box 268  
Platteville, Wisconsin 53818

By Email: michael@uscontractorlicense.com  
By Fax: 608-571-0096

Once we get the answer sheets back, we will grade them, enter your hours into the attendance portal and email or mail you back your certificate of completion(s). You will be responsible for renewing your license with the DSPS at [www.license.wi.gov](http://www.license.wi.gov) website.

Any questions, please contact us at 608.348.6688

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**1. What is the main purpose of the OSHA Hand and Power Tools booklet?**

- A) To provide detailed blueprints for tool design
- B) To summarize basic safety procedures and safeguards for hand and portable power tools
- C) To replace OSHA regulations
- D) To explain labor union policies

**2. Which of the following is NOT one of OSHA's 5 basic safety rules for tools?**

- A) Use the right tool for the job
- B) Keep tools in good condition with maintenance
- C) Modify tools to fit specific needs
- D) Examine each tool for damage before use

**3. What is a common hazard of using a chisel as a screwdriver?**

- A) The tool may melt
- B) The tip may break and fly off
- C) The handle might bend
- D) It causes electrical shock

**4. Who is responsible for ensuring the safe condition of tools in the workplace?**

- A) Tool manufacturer
- B) Employer
- C) OSHA
- D) Safety inspector

**5. Which of the following tools must be spark-resistant in certain environments?**

- A) Wood tools
- B) Iron or steel hand tools
- C) Electric grinders
- D) Ceramic tools

**6. When is a guard required on a portable circular saw?**

- A) Only when cutting metal
- B) If blade is smaller than 2 inches
- C) When blade is greater than 2 inches
- D) When using on wet surfaces

**7. What is a key requirement for operating controls of power tools like grinders or sanders?**

- A) Constant-pressure switch that shuts off when released
- B) Double-trigger design
- C) Foot-operated switch
- D) Timer-based automatic shut-off

**8. How can electric tools best protect users from shock?**

- A) Using plastic toolboxes
- B) Grounded cords or double insulation
- C) Waterproof plugs
- D) Cordless batteries only

**9. What is the purpose of "ring-testing" an abrasive wheel?**

- A) To check for cracks or defects
- B) To test speed
- C) To test power
- D) To verify electrical charge

**10. When using abrasive wheels, how should you begin?**

- A) Start grinding immediately
- B) Tap wheel with hammer
- C) Allow tool to reach full speed
- D) Soak in water first

**11. What is the most serious hazard with pneumatic tools?**

- A) Electrical fire
- B) Being hit by fasteners or attachments
- C) Battery failure
- D) Loss of air pressure

**12. What safety measure is required if an air hose is over 1/2 inch in diameter?**

- A) No additional steps needed
- B) Safety excess flow valve
- C) Manual shutoff only
- D) Hose insulation

**13. What should you never do with compressed air guns?**

- A) Store them upright
- B) Clean them with oil
- C) Point them at anyone
- D) Use in humid weather

**14. What is the greatest hazard of fuel-powered tools?**

- A) Rust
- B) Explosive vapors and exhaust fumes
- C) Oil leakage
- D) Dust

**15. What must always be available when using liquid fuel tools indoors?**

- A) Floor fans
- B) Fire extinguishers
- C) Air conditioning
- D) Smoke detectors

**16. Powder-actuated tools must be operated only by whom?**

- A) Anyone over 18
- B) Specially trained employees
- C) Certified electricians
- D) General laborers

**17. How long must a powder-actuated tool be held in firing position after a misfire?**

- A) 5 seconds
- B) 10 seconds
- C) Immediately eject
- D) 30 seconds

**18. What is the purpose of a shield on a powder-actuated tool?**

- A) Prevent rust
- B) Improve aim
- C) Contain flying fragments
- D) Reduce noise

**19. What must never be exceeded in hydraulic tools?**

- A) Hose length
- B) Tank pressure
- C) Manufacturer's safe operating pressure
- D) Number of uses

**20. How often must jacks be inspected if used continuously at one site?**

- A) Monthly
- B) Annually
- C) At least once every 6 months
- D) Only when broken

