

## Assessment Blueprint

# Pre-Apprenticeship Certificate Training (PACT) Green Core Examination



8372- Online Version

8373- Paper/Pencil Version

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## General Assessment Information

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General Assessment Information  
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**Test Type:** This Pre-Apprenticeship Certificate Training (PACT) certification assessment is a customized assessment for the Home Builders Institute (HBI). This assessment measures technical skills at the occupational level and includes items which gauge factual and theoretical knowledge. This assessment offers a written component and can be used at the secondary level and post-secondary levels. Students who complete training through an HBI PACT program are eligible to sit for the PACT Certification Assessments. This assessment can be delivered in an online or paper/pencil format.

**Revision Team:** The assessment content is based on input from secondary, post-secondary, and business/industry representatives from the state of Illinois, Maine, Maryland, Missouri, Pennsylvania, Texas, and Virginia.



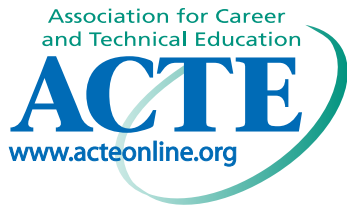
46.9999 – Construction Trades,  
Other



Career Cluster 1 - Architecture  
and Construction



47-4099.00 – Construction and  
Related Workers, All Other



The Association for Career and Technical Education (ACTE), the leading professional organization for career and technical educators, commends all students who participate in career and technical education programs and choose to validate their educational attainment through rigorous technical assessments. In taking this assessment you demonstrate to your school, your parents and guardians, your future employers and yourself that you understand the concepts and knowledge needed to succeed in the workplace. Good Luck!



Home Builders Institute (HBI), an affiliate of the National Association of Home Builders (NAHB), is a national leader for career training in the building industry. HBI's educational materials are designed to be relevant in today's rapidly changing environment, bringing increased professionalism, competency and effectiveness to those entering the residential construction workforce.

HBI Pre-Apprenticeship Certificate Training (HBI PACT) is a U.S. Department of Labor-approved training curricula for construction programs nationwide. Based on the NAHB occupational skills standards, HBI PACT is utilized by Workforce Investment Boards, private foundations, Home Builder Association pre-apprenticeship programs, unions, State departments of education, juvenile justice and corrections and others training entities and community based organizations that seek to provide an entry-level construction training program to prepare individuals for careers in the building industry. These third-party assessments provide instructors, students and employers a verification of the skills attained in the HBI PACT training program.

## Written Assessment

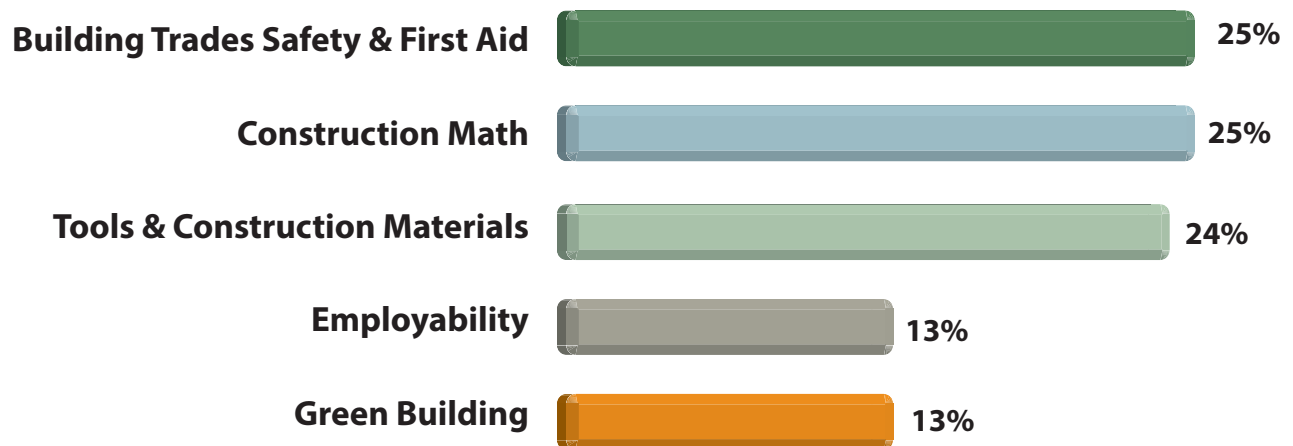
This written assessment consists of questions to measure an individual's factual theoretical knowledge.

**Administration Time:** 50 minutes

**Number of Questions:** 40

**Number of Sessions:** This assessment may be administered in one session.

### Areas Covered



## Specific Competencies and Skills Tested in This Assessment

### **Building Trades Safety & First Aid**

- OSHA, Lockout, Personal Protective Equipment, GFCI, Scaffolds, Ladders, First Aid, and HazMat

### **Construction Math**

- Measurement, Rectangle Measurement, Square Measurement, and Fractions

### **Tools & Construction Materials**

- Tools and Materials

### **Employability**

### **Green Building**

- Product, Tool, and Heat Systems



## Sample Questions

**Information about the safe handling of adhesives is found in which of these?**

- A. The Occupational Safety & Health Administration (OSHA)
- B. The building permit documents
- C. The EPA safety rule
- D. The Safety Data Sheets (SDS)

**Which of these is a recommended practice for the safe storage of chemicals?**

- A. Keep a six month supply of all chemicals.
- B. Inspect hazardous chemicals at least once every two years.
- C. Outdated chemical materials should be used first.
- D. Store all chemicals as specified by the manufacturer.

**Which of these is the first step to take if a major hazardous materials spill occurs?**

- A. Evacuate the area and call 911.
- B. Apply an approved absorbent on the spill.
- C. Notify your supervisor.
- D. Immediately remove any protective apparel and thoroughly wash any exposed skin.

**Which of these should be used to extinguish a wood or paper fire?**

- A. Class A Fire Extinguisher
- B. Class B Fire Extinguisher
- C. Class C Fire Extinguisher
- D. Class D Fire Extinguisher

**Which Personal Protective Equipment (PPE) is designed to protect a worker from flying objects and particles on a construction job site?**

- A. A safety harness
- B. Baseball cap
- C. Safety shoes
- D. Safety glasses

