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**HBI Pre-Apprenticeship Certificate  
Training (PACT)  
Green Core Examination GB1 & GB2**

Student Codes: 8372 and 8373 / Version: 01  
Teacher Code: 9163 / Version: 01  
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## General Assessment Information

### Blueprint Contents

General Assessment Information  
Written Assessment Information

Specific Competencies Covered in the Test  
Sample Written Items

**Test Type:** This certification assessment is a customized assessment for the Home Builders Institute. This assessment measures technical skills at the occupational level and includes items which gauge factual and theoretical knowledge. This assessment offers both a written and performance component and can be used at the secondary level and postsecondary level. 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.



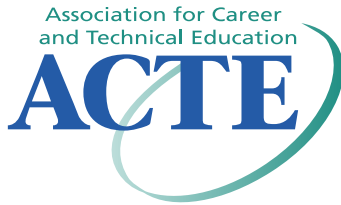
46.9999 – Construction Trades,  
Other



Career Cluster - 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!



The Home Builders Institute (HBI) trains skilled workers for the building industry. Through pre-apprenticeship training, certification programs and job placement services, HBI provides graduates with the skills and experience they need to build a career and change their lives. HBI assessments, in partnership with the National Association of Home Builders (NAHB), are based on national skills standards set by industry professionals and educators. Participants passing the assessments are eligible for certification through HBI/NAHB at the entry, semi-skilled, or skilled levels.

Selection of curricula and instructional materials chosen to support assessment achievement must be obtained from material that has been aligned to the Residential Construction National Skill Standards and approved by HBI. For a current listing, please go to <http://www.hbi.org/curriculum/>

Visit [www.hbi.org](http://www.hbi.org) for more information.

## Written Assessment

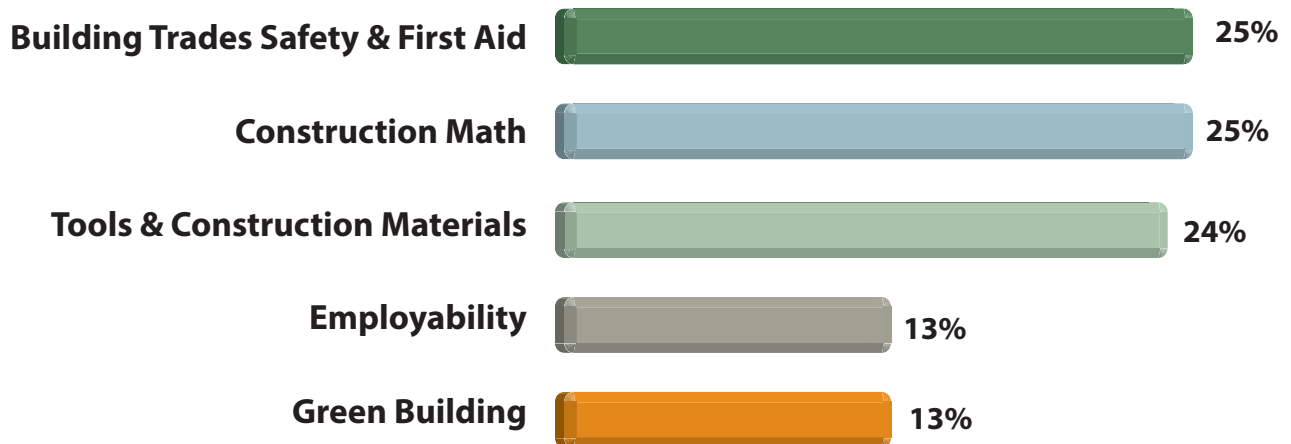
This written assessment consists of questions to measure an individual's factual theoretical knowledge.

**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

