

SITE PRELIMINARY WORKS

UNIT CODE: CON/CU/BUT/CR/01/4

RELATIONSHIP TO OCCUPATIONAL STANDARDS

This unit addresses the unit of competency: Perform Site Preliminary Works

DURATION OF UNIT: 30 hours

UNIT DESCRIPTION

This Unit describes the competencies required to perform site preliminary works. It involves clearing building site, hoarding/screening the site, and demolishing unwanted structures.

SUMMARY OF LEARNING OUTCOMES

1. Clear building site
2. Hoard/screen the building site
3. Demolish unwanted structures

Learning Outcomes, Content and Suggested Assessment Methods

Learning outcome	Content	Suggested assessment methods
1. Clear and level building site	<ul style="list-style-type: none">• Building site conditions• Building and health safety regulations• Disposal of debris• Methods of clearing and levelling building site	<ul style="list-style-type: none">• Written assignments• Written Tests• Practical projects• Oral questioning• Observation of work procedures
2. Hoard/screen the building site	<ul style="list-style-type: none">• Hoarding/screening materials• Site hoarding/fencing• Hoarding tools• Building safety regulations	<ul style="list-style-type: none">• Written assignments• Written Tests• Practical projects• Oral questioning• Observation of work procedures
3. Basic demolition of unwanted structures	<ul style="list-style-type: none">• Hazardous materials removal• Methods of basic demolition	<ul style="list-style-type: none">• Written assignments• Written Tests

	<ul style="list-style-type: none"> • Safety consideration during demolition • Disposal of demolished materials 	<ul style="list-style-type: none"> • Practical projects • Oral questioning • Observation of work procedures
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Suggested Methods of Instruction:

- Demonstration by trainer
- Practical work by trainee
- Demonstration videos
- Project / research
- Group discussions

Recommended resources

Tools and equipment

- Measuring and drawing tools
- Site clearing tools and equipment
- Computers/internet
- Masonry/building tools and equipment
- Surveying tools and equipment /instrument
- Soil testing instruments/equipment
- Site levelling tools and equipment

Materials and supplies

- Site survey maps
- Hoarding materials
- Demolition material
- Building codes / regulations
- Sand
- Ballast
- Cement
- Damp proofing materials
- Anti-termite
- Reinforcement/reinforcing bar
- Dewatering equipment

Personal protective equipment (PPEs)

- Dust coat
- First aid kits
- Overalls

- Gum boots
- Safety goggles
- Helmets
- Gloves

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