

BUILDING TEMPORARY WORKS

UNIT CODE: CON/CU/BUT/CC/03/4

RELATIONSHIP TO OCCUPATIONAL STANDARDS

This unit addresses the unit of competency: Perform building temporary works

DURATION OF UNIT: 40 hours

UNIT DESCRIPTION

This Unit describes the competencies required to perform building temporary works. It involves constructing and dismantling trench timbering, constructing and dismantling building formwork/shuttering, erecting and dismantling building scaffolding, and erecting and dismantling building shores.

SUMMARY OF LEARNING OUTCOMES

1. Construct and dismantle trench timbering
2. Construct and dismantle building formwork/shuttering
3. Erect and dismantle building scaffolding
4. Erect and dismantle building shores

Learning Outcomes, Content and Suggested Assessment Methods

Learning outcome	Content	Suggested assessment methods
1. Construct and dismantle trench timbering	<ul style="list-style-type: none">• Personal protective equipment• Soil types• Trench timbering materials and tools• Trench timbering methods• Trench timbering dismantling	<ul style="list-style-type: none">• Written assignments• Written Tests• Practical projects• Practical Tests• Oral questioning• Observation of work procedures
2. Construct and dismantle building formwork/shuttering	<ul style="list-style-type: none">• Personal protective equipment• Types of formwork• Formwork materials• Formwork oiling	<ul style="list-style-type: none">• Written assignments• Written Tests• Practical projects• Practical Tests• Oral questioning

	<ul style="list-style-type: none"> • Formwork measurements and dimensions • Formwork construction/installation • Formwork dismantling 	<ul style="list-style-type: none"> • Observation of work procedures
3. Erect and dismantle building scaffolding	<ul style="list-style-type: none"> • Types of scaffolds • Assembling and dismantling of scaffolds • Personal protective equipment • Cleanup of site 	<ul style="list-style-type: none"> • Written assignments • Written Tests • Practical projects • Practical Tests • Oral questioning • Observation of work procedures
4. Erect and dismantle building shores	<ul style="list-style-type: none"> • Personal protective equipment • Types of shores • Shoring materials • Shores connection methods • Shoring construction and erection • Shoring dismantling 	<ul style="list-style-type: none"> • Written assignments • Written Tests • Practical projects • Practical Tests • Oral questioning • Observation of work procedures

Suggested Methods of Instruction:

- Demonstration by trainer
- Practical work by trainee
- Demonstration videos
- Projects
- Group discussions

Recommended Resources

Tools and equipment

- Hammer
- Handsaw
- Shoring equipment
- Survey instruments
- Spanners

- Spirit level
- Plumb bob

Materials and supplies

- Field notebook
- Nails
- Bolts and nuts
- Timber poles
- Metal poles
- Metal plates
- Moulding oil

Personal protective equipment (PPEs)

- Overall
- Helmet
- Safety boots
- Masks
- Gloves
- First aid kit
- Reflectors
- Safety goggles

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