

## U30901: Erect and dismantle scaffolding/equipment

Unit Descriptor:

This unit deals with the skills and knowledge required to effectively and safely erect and dismantle scaffolding/equipment at specified height.

ELEMENT	PERFORMANCE CRITERIA
	<i>To be competent you must achieve the following:</i>
1. Plan and prepare work	<p>1.1 Location and scope of <b>scaffolding/equipment</b> determined from job drawings or supervisor's instructions.</p> <p>1.2 <b>Scaffolding/equipment</b> components selected are consistent with requirements of job.</p> <p>1.3 Appropriate <b>personal protective equipment</b> selected, correctly fitted and used.</p> <p>1.4 <b>Tools and equipment</b> selected consistent with job requirements, checked for serviceability and any faults reported to supervisor.</p> <p>1.5 Occupational Health and Safety (OH&amp;S) requirements for tasks and workplace environment recognized and adhered to.</p> <p>1.6 Necessary signage prepared to meet job requirements.</p>
2. Erect safety barriers	<p>2.1 Safety barriers erected, where applicable, to isolate site work area.</p> <p>2.2 Relevant signage installed where required to Occupational Health and Safety (OH&amp;S) requirements.</p>
3. Erect scaffolding / equipment	<p>3.1 All work undertaken safely and to <b>supervisor's instructions.</b></p>

		3.2	<b>Erection site</b> prepared to meet job requirements.
		3.3	<b>Scaffolding/equipment</b> erected to plan in accordance with safe work practices, Occupational Health and Safety (OH&S) and manufacturer's requirements.
4.	Dismantle scaffolding / equipment	4.1	Work undertaken safely and according to reverse procedures for erecting.
		4.2	<b>Scaffolding/equipment</b> dismantled in accordance with site procedures and critical structural safety requirements.
5.	Clean up	5.1	Site cleaned and cleared of all tools, excess material and waste and left in safe condition.
		5.2	<b>Tools and equipment</b> cleaned, maintained and stored.

## RANGE STATEMENT

*You must cover the items below*

### A. Scaffolding / Equipment (at least 2)

- (i) type of equipment required
- (ii) height
- (iii) work site
- (iv) purpose of scaffolding / equipment

### B. Personal protective equipment (at least 4)

- (i) appropriate clothing
- (ii) safety jacket
- (iii) safety boots
- (iv) hard hat
- (v) safety glasses
- (vi) safety gloves
- (vii) ear plugs / muffs
- (viii) dust mask

**C. Tools and equipment (at least 5)**

- (i) hand trolleys
- (ii) spanners
- (iii) shovels
- (iv) hammers
- (v) picks
- (vi) crow bars
- (vii) ladders
- (viii) plywood sheets
- (ix) blocks
- (x) wedges
- (xi) other scaffolding structures

**D. Supervisor instruction (at least 2)**

- (i) verbal direction/instruction
- (ii) written instruction
- (ii) provision of sketch/drawing and details

**E. Erection site (at least 2)**

- (i) isolating work site
- (ii) removal of obstacles
- (iii) preparing solid foundation
- (iv) leveling ground

**UNDERPINNING KNOWLEDGE AND SKILLS**

1. Types and uses of scaffolding / equipment and basic working platforms.
2. Materials handling.
3. Basic scaffolding / equipment (vertical and horizontal and diagonal).
4. Concepts.
5. Workplace and equipment safety requirements.
6. Scaffolding / equipment erection and dismantling procedures.
7. Work site safety.

8. Occupational Health and Safety regulatory and legislative requirements.
9. Industry standards and guidelines.
10. Prepare and isolate work site.
11. Work safely to instructions.
12. Hand tools.
13. Materials.
14. Communicate effectively.

## EVIDENCE GUIDE

### (1) Critical Aspect of Evidence

You must provide evidence that shows you have done this over a sufficient period of time for your assessor to consider that you are competent. You have to prove that you can meet all of the performance criteria on at least two (2) occasions. This evidence must come from working in Entertainment and Events Technology.

It is essential that competence be observed in the following aspects:

- (i) demonstrate knowledge of scaffolding / equipment erection and dismantling processes
- (ii) carry out correct procedures prior to and during application of scaffolding / equipment erection and dismantling process
- (iii) demonstrate safe and effective operational use of scaffolding / equipment and tools
- (iv) erect scaffolding / equipment, plumb and brace for stability
- (v) interactively communicate with others to ensure safe and effective erection and dismantling operations
- (vi) indicate compliance with organisational policies and procedures including any Quality Assurance requirements
- (vii) demonstrate compliance with Occupational Health and Safety regulations applicable to workplace operations

**(2) Method of Assessment**

Assessment methods must confirm consistency of performance over time and in a range of workplace relevant contexts.

Assessment should be by direct observation of tasks and/or samples of work and questioning on underpinning knowledge.

- direct observation
- oral questioning
- written test
- testimonials from clients
- evaluation of qualifications/portfolio/awards/resume/workplace documents
- authenticated assessments and/or assignments from relevant training courses
- supporting statement from supervisor or previous employer

Assessment methods should closely reflect workplace demands and the needs of particular groups (e.g. people with disabilities, and people who may have literacy or numeracy difficulties).

**(3) Context of Assessment**

Assessment may take place on the job, off the job or a combination of both of these. However, assessment of this unit would most effectively be undertaken on the job due to the specific workplace environment requirements. Off the job assessment must be undertaken in a closely simulated workplace environment.