



## Advanced Scaffolding Outline

### Introduction

All course participants are required to fulfil the following requirements in order to undertake training for a Statement of Attainment.

- All users and operators of industrial equipment and users and operators in training shall have the necessary health & fitness required to safely operate the relevant type of industrial equipment.
- Prerequisite is an Intermediate Scaffolding Certificate, see below.
- An applicant for assessment shall be 18 years of age.
- An applicant shall be able to use language at a level that is appropriate to the safe use and operation of the particular class of equipment as specified in the competency standard.

### Competency Unit 1-Plan and Prepare Work

- Plan Job.
- Select, inspect and if necessary repair material and tools.
- Coordinate transport of equipment to site as necessary.

### Competency Unit 2- Erect Scaffolding/Equipment

- Prepare site for erection of scaffolding/equipment.
- Erect scaffolding/equipment

### Competency Unit 3-Inspect, Repair & Alter Scaffolding/Equipment

- Inspect complete scaffolding/equipment.
- Alter and repair scaffolding/hoist.

### Competency Unit 4-Dismantle Scaffolding/equipment

- Plan to dismantle scaffolding/equipment.
- Dismantle scaffolding.

### National Training Package

- CPC08 Construction, Plumbing and Services Training Package
- Prerequisite units CPCCLSF3001A Licence to erect, alter and dismantle scaffolding intermediate level

### Assessment

The assessment will be conducted in 3 parts as follows:

- Practical ( 2 hours)
- Written ( 25 minutes)
- Knowledge ( 10 minutes)

### Learning Outcomes

- Interpret the relevant legislative and safe working requirements which cover scaffolding operations in the workplace.



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- Obtain information from architectural & engineering drawings & plans.
- Determine duty classification of scaffold required.
- Produce freehand sketches to assist in the design & construction of the scaffold.
- Explain the application of the equipment & tools required for the erection of tube & fitting scaffolding.
- Prepare scaffolding materials prior to use.
- Repair & replace unserviceable scaffolding materials.
- Plan & prepare hung scaffolding for erection.
- Erect hung scaffold.
- Inspect & repair hung scaffolding.
- Complete Scafftag & log.
- Plans dismantle of scaffolding.
- Dismantle hung scaffolding.
- Explain safety requirements for suspended scaffolds.
- Explain materials & tools required to safely erect a suspended scaffold.
- Erect suspended scaffold.
- Inspect & repair suspended scaffold.
- Dismantle suspended scaffolding.
- Safe Use & Inspection of fall arrest system & devices.
- Remove scaffolding/equipment materials and clean up scaffolding sites.

### Course Duration

- Up to 50 hours ( 5 days)
- UNITS CPCCLSF4001A Licence to erect, alter and dismantle



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### Equipment Resource list for Scaffolding

To conduct our on-site training course our minimum resources to conduct the written/practical components are as follows:

#### Training Room:

- Clean training room suitable to comfortably sit all course participants;
- Table or tables and chairs to sit all course participants;
- Overhead projector and screen for power point (trainer to supply laptop);
- Whiteboard;
- Portable whiteboard with flip charts;
- Toilet and washing facilities;
- Suitable area to conduct the practical component of the course.

#### Course Participants to provide:

- Personnel protective equipment to suit on-site rules and procedures;
- Pocket calculator (square root function);
- Pen, pencil, eraser and ruler (ruler is required for drawings and written assignment);
- Note paper, foolscap, A3 Drawing paper 10mm Blocks.

#### Equipment for the Practical Component:

- Listed hereunder.

#### Tools and PPE for each course participant

- Safety Harness & Lanyard;
- Scaffold Belt with frogs for each tool including: Scaffold Spanner, Adjustable spanner, Tape measure, Torpedo level and Hammer;
- Scaff-tags (3);
- Barrier tape (or similar);
- Warning signs ( men working above etc);
- 1 x Gin Wheel (pulley) with 16 mm natural fibre rope;
- Rope or wire lashing for scaffold boards;
- Gloves.

Please ensure that all equipment is made available prior to course commencement.

**Client to provide copy service for course hand outs & exams papers to be supplied by The Instructor**



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### Tube, Fitting and Boards Scaffolding Equipment List

Component	Size	Quantity
Scaffold Tube	6.0 m	50
Scaffold Tube	5.0 m	24
Scaffold Tube	4.5 m	60
Scaffold Tube	4.0m	50
Scaffold Tube	3.5 m	50
Scaffold Tube	3.0 m	50
Scaffold Tube	2.5 m	80
Scaffold Tube	2.0 m	70
Scaffold Tube	1.5 m	120
Scaffold Tube	1.0 m	50
Scaffold Tube	0.5 m (butts)	24
Wooden Boards (LVL)	4.0 m	50
Wooden Boards (LVL)	3.0 m	24
Wooden Boards (LVL)	2.5 m	50
Wooden Boards (LVL)	2.0 m	24
Wooden Boards (LVL)	1.5m	24
Wooden Boards (LVL)	1.0 m	12
Wooden Boards (Battens)	0.6 m (sole boards)	24
Double Couplers	N/A	500
Single Couplers	N/A	350
Swivel Couplers	N/A	80
Joiners	N/A	30
Base Plates	N/A	24
Beam Clamps	N/A	24
Ladders	6.0 m	3
Ladders	3.5 m	2