

	Unit ID: 1012
Domain	ADVANCED SCAFFOLDING
Title:	Dismantle advanced scaffolding and equipment, and prepare for removal
Level: 4	Credits: 16

Purpose

This unit standard specifies the competencies required to dismantle advanced scaffolding and/or equipment, and prepare for removal. It includes planning to dismantle advanced scaffolding and/or equipment, dismantling scaffolding and/or equipment and coordinating transport of scaffolding and/or equipment components and tools from site. . This unit standard is intended for those who work in lifting machine operations environment.

Special Notes

1. Entry information:
Prerequisite:
 - Unit 937 - *Apply safety rules and regulations in lifting machine operations* or demonstrated equivalent knowledge and skills.

2. To demonstrate safe working practices the learner should be in possession of personal protective equipment which includes safety glasses, goggles, visors, safety gloves, gauntlets and helmets.

3. Glossary of terms:
 - *A 'client' refers to* an individual or representative of a company who commissions a particular scaffold or scaffolding structure to be erected, or is an end user of the scaffold or scaffolding structure.
 - *'Enterprise procedures'* refers to procedures and/or practices used and recommended by an organisation involved in the scaffolding industry. Enterprise procedures may cover quality assurance, documentation, security, communication, health and safety, and personal behaviour, and may include time and cost constraints.
 - *'Components'* are items used to make up a scaffold such as standards, couplers, frames and planks. Components may include specialist gear for particular types of scaffolding such as base jacks or castors. They also include items ancillary to the scaffold itself, but which are nevertheless integral to its erection, modification, and/or dismantlement. This includes personal protective equipment and gear involved in the transport of scaffolding equipment such as dunnage, cleats, wire and ties. Components exclude scaffolding tools.
 - *'BPGFS'* refers to best practice guidelines for scaffolding.

4. The equipment range is to include: tube and coupler covered ways and gantries; scaffolding associated with perimeter safety screens and shutters; cantilevered hoists with a working load limit not exceeding 250 kilograms (materials only); ropes; gin wheels; static lines and fall arrest systems; bracket scaffolds (tank and formwork); cantilevered loading platforms from a scaffold; cantilevered and spurred scaffolds; and hung scaffolds (including scaffolds hanging from tubes, wire ropes and chains).
5. The equipment range is to exclude: hand haul and mechanical bosun chairs; building maintenance units; and hand haul and mechanical swinging stages.
6. Assessment evidence may be collected from a real workplace, or an appropriate simulated realistic environment in which lifting machine operations are carried out.
7. All inspection, operation and maintenance procedures associated with the use of tools and equipment shall comply with manufacturers' specifications, guidelines and instructions.
8. Regulations and legislation relevant to this unit standard include the following:
 - Labour Act, No. 11, 2007
 - Occupational Health and Safety Regulations No. 18, 1997 and all subsequent amendment.

Quality Assurance Requirements

This unit standard and others within this subfield may be awarded by institutions which meet the accreditation requirements set by the Namibia Qualifications Authority and the Namibia Training Authority and which comply with the national assessment and moderation requirements. Details of specific accreditation requirements and the national assessment arrangements are available from the Namibia Qualifications Authority and the Namibia Training Authority on www.nta.com.na.

Elements and Performance Criteria

Element 1: Plan to dismantle advanced scaffolding and equipment

Performance criteria

- 1.1 Proposed dismantling is reviewed to determine if scaffolding and/or equipment remains as detailed in the original planning in accordance with enterprise procedures.
- 1.2 Scaffolding and/or equipment is inspected for damage, corrosion or wear against manufacturers' specifications in accordance with enterprise procedures.
- 1.3 The original design sequence for dismantling scaffolding and/or equipment is identified in accordance with enterprise procedures.

Element 2: Dismantle scaffolding and equipment

Performance criteria

- 2.1 Scaffolding and/or equipment is dismantled in accordance with planned hazard prevention and control measures, and manufacturers' specifications.
- 2.2 Work is performed within enterprise guidelines, without injury to persons or damage to components and tools while platforms are incomplete.
- 2.3 Dismantling is carried out appropriate to the types of scaffolding and/or equipment in accordance with enterprise procedures.
- 2.4 Site is left clear of all surplus components, equipment, tools, and debris in accordance with enterprise procedures.

Element 3: Coordinate transport of scaffolding and equipment components and tools from site

Performance criteria

- 3.1 Scaffolding and/or equipment components and tools are sorted, stacked and prepared for transportation in accordance with enterprise procedures.
- 3.2 Damaged or defective scaffolding and/or equipment components and tools are identified and repaired or sent for repair in accordance with enterprise procedures.
- 3.3 Scaffolding and/or equipment components and tools are loaded on transport in the sequence required for unloading and storing, in accordance with enterprise procedures.
- 3.4 Load is arranged in a manner to prevent injury to personnel and damage to components and tools in transit, in accordance with enterprise procedures.

Registration Data

Subfield:	Lifting Equipment
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