

	Unit ID: 1000
Domain	ELEMENTARY SCAFFOLDING
Title:	Demonstrate, at height, safety procedures for the erection of scaffolding
Level: 3	Credits: 6

Purpose

This unit standard specifies the competencies required to demonstrate, at height, safety procedures for the erection of scaffolding. It includes inspecting scaffolding to determine its readiness to erect the next lift, preparing equipment on a lower lift for passing to the lift above, demonstrating the correct use of a safety harness for the erection of scaffolding and safely access the lift above, erecting guard rails and stop ends for scaffolding and following operational procedures for the erection of scaffolding. 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. Competency in the elements of this unit standard must be demonstrated on a scaffold at height. This is defined as beginning at least the height of the scaffold's second lift.
4. This unit standard is written with tube and fitting scaffolding in mind as this will normally require the most complex and challenging procedure. However, principles inherent in this equally apply to all systems. Further it is expected that candidates will also have experience of working safely at height with proprietary systems.
5. An over-riding safety concern throughout this unit standard is that when candidates are moving with tube along an unprotected platform they carry the tube horizontally keeping the tube between themselves and the edge of the scaffold and never move beyond the tube's maximum length.

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: Inspect scaffolding to determine its readiness to erect the next lift

Range

Safe planking may include but is not limited to fully planked, secured against uplift and horizontal displacement.

Performance criteria

- 1.1 Planking on the lift above is confirmed to be safe.
- 1.2 All standards are present as per the scaffolding plan and are staggered or ready for topping off (hemming).
- 1.3 Scaffolding minimum base dimension and tie or support to existing structures are checked for stability prior to accessing the lift above.
- 1.4 A safe access point to the lift above is identified.

Element 2: Prepare equipment on a lower lift for passing to the lift above

Performance criteria

- 2.1 A safe zone for the passing of equipment to the lift above is determined.
- 2.2 The equipment to be passed to the lift above is identified.
- 2.3 The sequence for the passing of equipment to the lift above is established.
- 2.4 The equipment to be passed up is safely stacked below the safe zone of the lift above.

Element 3: Demonstrate correct use of a safety harness for the erection of scaffolding and access the lift above safely

Performance criteria

- 3.1 Situations where a safety harness must be attached are identified.
- 3.2 The correct points of attachment on the scaffold are identified in preferential order.
- 3.3 Different methods of access to the lift above are identified in preferential order.
- 3.4 The preferred method of access to the lift above is identified and any modifications necessary to accommodate this method are made.
- 3.5 The lift above is safely accessed.

Element 4: Erect guard rails and stop ends for scaffolding

Performance criteria

- 4.1 All components are securely positioned in correct sequence.
- 4.2 Initial guard rail is erected.
- 4.3 Stop end is erected.
- 4.4 Second guard rail is erected.

Element 6: Follow operational procedures for the erection of scaffolding

Performance criteria

- 6.1 Construction procedures are followed.

6.2 Designers requirements are met.

Registration Data

Subfield:	Lifting Equipment
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