

Domain	PLUMBING	Unit ID: 443
Title:	Work safely on scaffolding, work platforms and ladders as part of plumbing operations	
Level: 2		Credits: 2

Purpose

This unit standard specifies the competencies required to work safely on limited height scaffolding, work platforms and ladders whilst performing plumbing operations. It includes hazard identification and safe working on scaffolds, ladders and work platforms.

This unit standard is intended for those who work as plumbers.

Special Notes

1. Entry information:
 - Prerequisite
 - 434 - *Apply safety rules and regulations in plumbing operations* or demonstrated equivalent knowledge and skills.
2. Assessment evidence may be collected from a real workplace or a simulated real workplace or an appropriate simulated realistic environment in which plumbing operations are carried out.
3. Performance of all elements in this unit standard must comply with workplace requirements and/or manufacturers' specifications.
4. Regulations and legislation relevant to this unit standard include the following:
 - Labour Act No.6, 1992
 - Occupational Health and Safety Regulations No.18, 1997 and all subsequent amendments.

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 and prepare for work

Range

Planning and preparation includes but are not limited to worksite inspection, equipment and defect identification, assessment of conditions and hazards and determination of work requirements.

Performance Criteria

- 1.1 Work instructions, including plans, specifications, quality requirements and operational details are obtained, confirmed and applied in line with workplace procedures.
- 1.2 Safety requirements are followed in line with workplace procedures.
- 1.3 Sign and barricade requirements are identified and implemented in line with workplace procedures.
- 1.4 Plant, tools and equipment selected to carry out tasks are consistent with the requirements of the job, checked for serviceability and any faults are rectified or reported prior to commencement.
- 1.5 Material quantity requirements are calculated in line with plans and specifications.
- 1.6 Materials appropriate to the work application are identified, obtained, prepared, safely handled and located ready for use in line with workplace procedure.
- 1.7 Environmental protection requirements are identified and applied in line with environmental plans and regulatory obligations.

Element 2: Work safely on scaffolding and work platforms

Range

Hazards associated with working on scaffolds and work platforms may include but are not limited to falls, overloading, electrocution, faulty components.

Tools and equipment include but are not limited to limited height timber scaffolding, putlog scaffolding, metal scaffolding, independent scaffolding and mobile scaffolding and simple work platforms.

Evidence of the use of two types of scaffolding and one simple work platform is required for assessment purposes.

Performance Criteria

- 2.1 Hazards associated with working on scaffolds and work platforms are identified in line with workplace procedures.
- 2.2 Personal protective equipment is selected and used whilst working on scaffolds and work platforms in line with workplace procedures.
- 2.3 Work is safely performed from work platform or work scaffold in line with workplace procedures.

Element 3: Work from ladders

Range

Tools and equipment include but are not limited to single and extension ladders, step ladders, trestle ladders.

Evidence of the use of two types of ladders is required for assessment purposes.

Performance Criteria

- 3.1 Hazards associated with using ladders in plumbing operations are identified in line with workplace procedures.
- 3.2 Three points of contact are maintained whilst climbing up and down ladders in line with safety requirements and workplace procedures.
- 3.3 Work is safely performed from ladder in line with workplace procedures.

Element 4: Clean up work area

Performance Criteria

- 4.1 Work is completed and appropriate personnel notified in line with workplace procedures.
- 4.2 Work area is cleared of waste, cleaned, restored and secured in line with workplace procedures.
- 4.3 Plant, tools and equipment are cleaned, checked and maintained in line with workplace procedures.
- 4.4 Work completion details are finalised in line with workplace procedures.

Registration Data

Subfield:	General Construction
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