

Domain	PLUMBING	Unit ID: 434
Title:	Apply safety rules and regulations in plumbing operations	
Level: 1		Credits: 2

Purpose

This unit standard specifies the competencies required to work safely in a plumbing workshop or on site. It includes planning and preparing for work, following safe work practices, following emergency and evacuation procedures and cleaning up the work area.

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

Special Notes

1. This unit standard is to be assessed in the context of plumbing operations and should be assessed in conjunction with other relevant technical unit standards selected from this domain.
2. To demonstrate competence, at a minimum, evidence is required of the application of safety rules and regulations, following occupational health and safety rules, regulations and workplace policies related to PPE(Personal Protective Equipment), compliance with safety signs and symbols and emergency and evacuation procedures, safe use of plant and equipment guards, and proper housekeeping.
3. Assessment evidence may be collected from a real workplace or simulated real workplace or an appropriate simulated realistic environment in which plumbing operations are carried out.
4. Performance of all elements in this unit standard must comply with all relevant workplace requirements and/or manufacturers' specifications.
5. Safe working practices include the identification, selection and wearing of PPE; reading and interpretation of safety signs and symbols used in plumbing; and compliance with the health and safety instructions on product labelling.
6. 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: Follow safe work practices

Range

Personal protective equipment include but is not limited to overalls, steel capped boots, safety glasses/goggles, high visibility vest, jacket, hard hats, gloves, ear plugs, dust masks, ear muff/plugs and respirator, apron, cap, spates, welding helmet.

Performance criteria

- 1.1 Key features of relevant legislation relating to the health and safety of employees at work are identified and applied in line with workplace procedures.
- 1.2 Awareness of the rights, duties and obligations of employers and employees is demonstrated.
- 1.3 Personal protective equipment is selected, worn and stored according to job requirements and workplace procedures.
- 1.4 Safe work procedures are adhered to in line with workplace procedures.
- 1.5 Tasks are performed in a safe manner and in accordance with workplace requirements, policies and procedures.
- 1.6 Safety signs and symbols are identified and followed in line with workplace procedures.
- 1.7 Plant and equipment guards are identified and used in accordance with manufacturers' specifications.
- 1.8 Safe manual handling procedures are identified and implemented in line with workplace procedures.
- 1.9 Safety procedures for the use of chemicals are implemented in line with workplace procedures.

Element 2: Follow emergency and evacuation procedures

Performance criteria

- 2.1 Appropriate personnel are identified in the event of an emergency in line with workplace communication channels.
- 2.2 Safe workplace procedures for dealing with accidents, fires and emergencies are followed within scope of responsibilities.
- 2.3 Emergency and evacuation procedures are followed and carried out in line with workplace procedures.

Element 3: Clean up work area

Performance criteria

- 3.1 Work is completed and appropriate personnel notified in line with workplace procedures.
- 3.2 Work area is cleared of waste, cleaned, restored and secured in line with workplace procedures.
- 3.3 Plant, tools and equipment are cleaned, checked and maintained in line with workplace procedures.

Registration Data

Subfield:	General Construction
Date first registered:	15 November 2007
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