

<b>Domain</b>	<b>PLUMBING</b>	<b>Unit ID: 450</b>
<b>Title:</b>	<b>Carry out basic levelling as part of plumbing operations</b>	
<b>Level: 2</b>		<b>Credits: 3</b>

**Purpose**

This unit standard is intended for those who carry out basic levelling as part of plumbing operations. People credited with this unit standard are able to Plan and prepare for work, perform levelling and clean-up work area.

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

**Special Notes**

1. Entry information:

Prerequisite

- 434 - Apply Occupational Health and Safety in Working Environment.
- 440 – Plan and organise as part of plumbing operation or demonstrated equivalent knowledge and skills.

2. Tools may include but are not limited to spirit level, line level, laser level, boning rod, straight edge, plumb bob, hammers and mallets, dumpy level, builder’s line, chalk line, wooden and steel peg.
3. Materials may include but are not limited to nails, cement, concrete stone, lime and water
4. All inspection, operation and maintenance procedures associated with the use of tools and equipment shall comply with manufacturers’ specifications and workplace specific requirements.
5. Performance of all elements in this unit standard must comply with workplace specific requirements and manufacturers’ instructions and/or recommendations.
6. Regulations and legislation relevant to this unit standard include the following:
  - Labour Act No. 11 of 2007
  - Regulations relating to the health & Safety of employees at work under Schedule 1 (2) of the Labour Act No.11 of 2007 and all subsequent amendments
  - Local Authorities Act No. 23 of 1992
  - Environmental Management Act No. 7 of 2007

**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

## **Elements and Performance Criteria**

### **Element 1: Plan and prepare for work**

#### **Range**

Planning and preparation may include but is not be limited to workplace inspection, equipment defect identification, assessment of conditions and hazards and determination of work requirements.

#### **Performance Criteria**

- 1.1 Requirements of the job are determined and various levels are obtained.
- 1.2 Safety requirements associated with levelling activities, and the workplace environment, are adhered to throughout the work in line with workplace procedures.
- 1.3 Quality assurance requirements are identified and adhered to in line with workplace procedures.
- 1.4 Tools and equipment, including personal safety equipment, are selected and checked for serviceability in line with workplace procedures.

### **Element 2: Perform levelling**

#### **Performance criteria**

- 2.1 Height to be transferred is identified from drawings, plans or instructions.
- 2.2 Levelling equipment is set up in line with manufacturers' instructions and workplace procedures.
- 2.3 Laser levels are operated in line with workplace procedures and manufacturers' instructions.
- 2.4 Levels are set, recorded and marked in line with job requirements and workplace procedures within the required tolerance and specifications.

### **Element 3: Clean-up work area**

#### **Performance criteria**

- 3.1 Work area is cleared and materials disposed of or recycled in line with workplace procedures.
- 3.2 Tools and equipment are cleaned, checked, maintained and stored in line with manufacturers' recommendations and workplace procedures.

3.3 Documentation is completed in line with workplace procedures.

### **Registration Data**

<b>Subfield:</b>	Civil and Building Services Engineering
<b>Date first registered:</b>	15 November 2007
<b>Date this version registered:</b>	31 May 2018
<b>Anticipated review:</b>	2023
<b>Body responsible for review:</b>	Namibia Training Authority