

Domain
Title:
Level: 3

CARPENTRY
Plan and estimate cost of products

Unit ID: 1596

Credits: 2

Purpose

This unit standard specifies the competencies required to plan and estimate cost of products. It includes determine the direct costing for products, compile and complete product cost estimation.

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

Special Notes

1. Entry information:

Prerequisite:

- *1157-Demonstrate basic knowledge of workplace health and safety or demonstrated equivalent knowledge and skills.*

2. This unit standard is to be delivered and assessed in the context of carpentry operations and should be assessed in conjunction with other relevant technical unit standards selected from this domain.

3. To demonstrate competence, at a minimum, evidence is required of determining and estimating cost of the materials and required number of labour hours of products.

4. Tools, equipment, accessories and materials may include but are not limited to calculators, schedules, record cards, job cards, formats and instructions for the estimation of quantities and costs.

5. Assessment evidence may be collected from a real workplace, or simulated real workplace in which carpentry operations are carried out.

6. Glossary of terms:

- '*Specifications*' refers to any, or all of the following: manufacturers' specifications and recommendations and workplace specific requirements.

7. All inspection, operation and maintenance procedures associated with the use of tools and equipment shall comply with manufacturers' and company guidelines, instructions, and reasonable flat rate time.

8. Regulations and legislation relevant to this unit standard include the following:

- Labour Act No.11 of 2007 as amended;
- 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 on www.namqa.org and the Namibia Training Authority on www.nta.com.na.

Elements and Performance Criteria

Element 1: Determine the direct costing for products

Performance criteria

- 1.1 Specifications for products are determined from plans, drawings and supervisor instructions.
- 1.2 Types of materials required for products are identified.
- 1.3 Quantities of materials required for products are determined.
- 1.4 Price lists are requested for costing purposes.
- 1.5 Labour hours to complete production of product are estimated.
- 1.6 Labour costing and other requirements needed for products are determined in line with workplace procedures.

Element 2: Compile and complete product cost estimation

Performance criteria

- 2.1 Cost estimation is prepared in line with workplace procedures.
- 2.2 Value Added Tax and related arrangements for estimation purposes are explained.
- 2.3 Cost estimation is presented, explained and justified to supervisor in line with workplace procedures.
- 2.4 Cost estimation are stored and filed in line with workplace procedures.

Registration Data

Subfield:	General Construction
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Body responsible for review:	Namibia Training Authority