

	Unit ID: 827
Domain	ROAD CONSTRUCTION AND MAINTENANCE – LABOUR BASED WORKS
Title:	Demonstrate knowledge of resources used in SME labour based operations in road construction and maintenance
Level: 2	Credits: 10

Purpose

This unit standard is intended for those who work in road construction and maintenance performing labour based works. People holding credit for this unit standard are able to: Demonstrate knowledge of the different resources required; demonstrate knowledge of characteristics and use of the different resources; and demonstrate a basic understanding of the concept of depreciation.

Special Notes

1. Assessment evidence may be collected from a real workplace, a simulated workplace or an appropriately simulated environment in which road construction and maintenance operations are carried out.
2. Resources include but are not limited to re-usable and non-reusable materials, tools, equipment and labour.
3. Labour includes all categories such as unskilled, semi-skilled, construction hands, trades and artisans.
4. Safe working practices include but are not limited to day-to-day observation of safety policies and procedures and compliance with emergency procedures.
5. Performance of all elements in this unit standard must comply with all relevant workplace requirements contractual agreement and or manufacturers' specifications.
6. Regulations and legislation relevant to this unit standard include but are not limited to the following:
 - Labour Act, No. 11 of 2007
 - Occupational Health and Safety Regulations No. 18, 1997
 - Road Traffic and Transport Regulations No. 266, 2000
 - Road Ordinance 1972 and other relevant legislations 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. All approved unit standards, qualifications and national assessment arrangements are available on the Namibia Training Authority website www.nta.com.na.

Elements and Performance Criteria

Element 1: Demonstrate knowledge of the different resources required

Performance Criteria

- 1.1 The materials required for different work activities are explained and linked to activities.
- 1.2 The tools and equipment required are explained and linked to activities.
- 1.3 The labour requirements are linked to activities.

Element 2: Demonstrate knowledge of characteristics and use of the different resources

Performance Criteria

- 2.1 The characteristics of the resources are explained.
- 2.2 The different characteristics of re-usable and non-reusable resources are explained.

Element 3: Demonstrate a basic understanding of the concept of depreciation

Performance Criteria

- 3.1 The factors to be considered in the determination of depreciation are explained.
- 3.2 Basic calculations and estimations of the depreciation of different resources are conducted.

Registration Data

Subfield:	Road Construction and Maintenance
Date first registered:	
Date this version registered:	
Anticipated review:	
Body responsible for review:	Namibia Training Authority