

**Unit ID 1140**

**Domain**

**ROAD CONSTRUCTION AND  
MAINTENANCE - INSPECTION**

**Title:**

**Inspect equipment and materials use  
by contractors in road construction  
and maintenance**

**Level: 3**

**Credits: 10**

**Purpose**

This unit standard is intended for people engaged in roles involving the inspection of road construction and/or maintenance works related to the monitoring of contract provisions. People credited with this unit standard are able to: inspect plant and equipment use by contractors; and inspect materials use by contractors.

**Special Notes**

1. Entry information

Prerequisite

- Unit 712 - *Comply with health, safety and environmental rules and regulations in road construction and maintenance work operations* or demonstrated equivalent skills and knowledge.

2. This unit standard must be assessed on the basis of evidence from demonstrated performance on a worksite or worksites. Assessment parameters will depend on company and site specific equipment, procedures, and practices. Practices must reflect industry best practice and comply with legislative requirements.

3. Definitions

- a) *Contractors* may refer to the main contractor and/or subcontractors (including Small and Medium Enterprise contractors) on a road construction and/or maintenance project.
- b) *Organisational procedures* means all documented policies, procedures, and methodologies of the candidate's employer at the time of assessment and include but are not limited to those relating to health, safety, environment, quality, administration, and operations. All stipulated requirements, including legal requirements, must be adhered to at all times.

4. Regulations and legislation relevant to this unit standard include but are not limited to the following:
  - Labour Act, No. 11 of 2007 as amended
  - Regulations relating to the Health and Safety of employees at work, 1997

- Road Traffic and Transport Regulations No. 52, 1999 and Government Notice No. 53 on Road Traffic and Transport Regulations
- Road Ordinance 30 of 1960 and 17 of 1972 and other similar legislation
- The SADC Road Traffic Signs Manual 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](http://www.nta.com.na)

### **Elements and Performance Criteria**

#### **Element 1: Inspect plant and equipment use**

##### **Performance Criteria**

- 1.1 Inspections verify the road-worthiness of plant and the existence and display of appropriate licences.
- 1.2 Inspections verify that plant and equipment being used are in accordance with or appropriate to the achievement of project outcomes.
- 1.3 Inspections verify that operators of plant and equipment hold the appropriate licenses
- 1.4 Inspections verify that plant and equipment is being operated effectively and safely by appropriately trained personnel.
- 1.5 Inspections verify that information contained in invoices and payment certificates are accurate.
- 1.6 Inspections verify that traffic accommodation controls are in accordance with contract specifications.

## **Element 2: Inspect materials usage by contractors**

### **Performance Criteria**

- 2.1 Inspections verify that materials being used by contractors comply with the schedule of quantities in contract specifications in terms of type, quantities, and quality.
- 2.2 Inspections verify that materials are being stored in conditions that optimise ongoing quality and integrity.
- 2.3 Inspections verify that hazardous materials are being stored in safe and secure containment facilities.
- 2.4 Inspections verify that information contained in invoices and payment certificates are accurate.
- 2.5 Incidents of inappropriate use or storage of materials are investigated, reported on, and appropriate actions initiated in accordance with organisational practice and contract specifications.

### **Registration Data**

<b>Subfield:</b>	Road Construction and Maintenance
<b>Date first registered:</b>	27 March 2013
<b>Date this version registered:</b>	27 March 2013
<b>Anticipated review:</b>	2017
<b>Body responsible for review:</b>	Namibia Training Authority