

	Unit ID: 709
Domain	ROAD CONSTRUCTION AND MAINTENANCE - CORE
Unit Title:	Identify, maintain and erect traffic control signage at a road construction and maintenance site
Level: 2	Credits: 8

Purpose

This unit standard is intended for those who work in road construction and maintenance. People holding credit for this unit standard are able to: Obtain road traffic signs, maintain road traffic signs, arrange for transport of road traffic signs and materials to the site and assemble and erect traffic signs.

Special Notes

1. Entry information:
 - Prerequisite
 - Unit 712 - *Comply with health, safety and environmental rules and regulations in road construction and maintenance work operations.*
2. Assessment evidence may be collected from a real workplace or a simulated real workplace or an appropriate simulated realistic environment in which grader operations are carried out.
3. Signs are to include permanent free standing and mountable types and may include but not limited to temporary construction signage, cones, drums, chevron plates, signing lights and flags.
4. Signage materials may include but are not limited to timber, glass, plastic, metal, polystyrene form, vinyl and masonry.
5. Safe working practices are to include day to day observation of safety policies and procedures and compliance with emergency procedures.
6. Performance of all elements in this unit standard must comply with all relevant workplace requirements contractual agreement and/or manufacturers' specifications.
7. 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
 - Road Traffic and Transport Regulations No. 52, 1999 and Government Notice No 53 Road Traffic and Transport Regulations.
 - Road Ordinance 1972 and other relevant legislations.
 - SADC Traffic Signs manual.

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: Obtain road traffic signs.

Performance Criteria

- 1.1 Road traffic signs required for the work are identified in terms of statutory requirements.
- 1.2 The road traffic signs required are sourced and confirmed according to workplace procedures.
- 1.3 Road traffic signs are stored according to workplace procedures.

Element 2: Maintain road traffic signs.

Range

Structural defects include but are not limited to missing rivets, nuts and bolts, cracked welds, damaged stands and bases.

Performance Criteria

- 2.1 Road traffic signs are checked for bitumen, road grime, concrete, diesel and paint and are cleaned in line with workplace requirements.
- 2.2 Road traffic signs are checked for structural defects and compliance with traffic regulations.
- 2.3 Road traffic signs with non-repairable panels and other defects are replaced in line with workplace requirements.
- 2.4 Ways of preventing defacement and damage of signs are applied in line with workplace requirements.

Element 3: Arrange for transport of road traffic signs and materials to the site.

Performance Criteria

- 3.1 Site access and delivery arrangements are confirmed in line with workplace procedures.
- 3.2 Availability of loading and unloading equipment is determined.
- 3.3 Transporting of signage is arranged according to workplace procedures.
- 3.4 Signs are appropriately protected and packed safely for transport.
- 3.5 Required signs and equipment are verified as being correctly loaded according with workplace procedures.

Element 4: Assemble and erect traffic signs.

Performance Criteria

- 4.1 Sign components are laid out and checked prior to assembly.
- 4.2 Signs are assembled on and off site according to workplace specifications.
- 4.3 Signs are erected efficiently and safely in line with any drawings and specifications.
- 4.4 Temporary traffic control is arranged according to regulatory requirements.
- 4.5 Work area is cleared and materials disposed of or recycled in line with project environment management plan.
- 4.6 Plant, tools and equipments are cleaned, checked, maintained and stored in line with manufacturers' recommendations and standard work practices.
- 4.7 Unused materials are safely stored, stacked for future use and recorded in accordance with workplace procedures.

Registration Data

Subfield:	Roads Construction and Maintenance
Date first registered:	12 November 2009
Date this version registered:	12 November 2009
Anticipated review:	2013
Body responsible for review:	Namibia Training Authority