

Domain	ROAD CONSTRUCTION AND MAINTENANCE - CORE	Unit ID: 718
Unit Title:	Apply quality standards and principles as part of routine road maintenance and construction operations	
Level: 3		Credits: 5

Purpose

This unit standard is intended for those who work in road construction and maintenance operations. People holding credit for this unit standard are able to: Plan and prepare for work and identify and implement quality standards.

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. Basic quality principles include but are not limited to meeting of acceptable quality targets, conformity to requirements, and the reduction of defects.
4. Specifications include but are not limited to standard and project specifications, including any amendments thereof.
5. Documents that contain specification information and quality requirements include the standard specifications, project document, drawings, and information from client.
6. Safe working practices are to include day to day observation of safety policies and procedures and compliance with emergency procedures.
7. Performance of all elements in this unit standard must comply with all relevant workplace requirements, contractual agreements and/or manufacturers' specifications.
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
 - Road Traffic and Transport Regulations No. 52, 1999 and Government Notice No. 53 on Road Traffic and Transport Regulations.
 - Road Ordinance 1972 and other relevant legislations.

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: Plan and prepare for work.

Performance Criteria

- 1.1 Safety requirements are obtained from the site safety plan and workplace policies and procedures are obtained and applied to the allocated task.
- 1.2 Signage requirements are identified and obtained from the project traffic management plan and implemented.
- 1.3 Plant, tools and equipment selected to carry out tasks are consistent with the requirements of the job, checked for serviceability and any faults rectified or reported prior to commencement.
- 1.4 Environmental protection requirements are identified from the project environmental management plan and are applied to the allotted task.
- 1.5 Work instructions, including plans, specifications, quality standards and principles are obtained.

Element 2: Identify and implement quality standards.

Performance Criteria

- 2.1 Quality monitoring, inspection and evaluation procedures are identified in accordance with the project specification and workplace policies and procedures.
- 2.2 Quality standards are adhered to as specified.
- 2.3 Checks undertaken in accordance with workplace procedures confirm adherence to quality standards.

Registration Data

Subfield:	Road 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