

	Unit ID: 1167
Domain	ROAD CONSTRUCTION AND MAINTENANCE - Core
Title:	Handle and store hazardous material on a road construction and maintenance site
Level: 2	Credits: 3

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; inspect storage area and facilities; handle and store hazardous material; and complete work related documents.

Special Notes

1. Entry information:
 - Prerequisite
 - Unit 712 – *Comply with health, safety and environmental rules and regulation as part of road construction and maintenance operations.*
2. Material may include: fuel, lubricants, paints and gasses.
3. Assessment evidence may be collected from a real workplace, a simulated workplace or an appropriately simulated environment in which roads construction and maintenance operations are carried out.
4. This unit standard is to be assessed in the context of road construction and maintenance operations and should be assessed in conjunction with other relevant technical unit standards selected from this subfield.
5. Safe work practices include but are not limited to recognising and preventing hazards associated with the removal of vegetation using herbicides and the selection and application of protective clothing and safety procedures.
6. All inspection, operation and maintenance procedures associated with the use of tools and equipment for removing vegetation by use of herbicides shall comply with manufacturers' guidelines and instructions and shall be executed in a cost effective and safe manner.
7. '*Specifications*' refers to any, or all of the following: manufacturers' specifications and recommendations, site and workplace specific requirements.
8. 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. 52, 1999 and Government Notice No 53 Road Traffic and Transport Regulations
 - 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 on www.nta.com.na

Elements and Performance Criteria

Element 1: Plan and prepare for work

Range

Planning and preparation may include but is not limited to workplace inspection, equipment defect identification, assessment of conditions and hazards and determination of work requirements.

Environmental requirements include but are not limited to waste materials, ground water protection and clean-up management.

Performance Criteria

- 1.1 Work instructions, including plans, specifications, quality requirements and operational details are obtained, explained, clarified and applied for the allocated task.
- 1.2 Safety requirements are obtained from the site safety plan and workplace policies and procedures, confirmed and applied for the allocated task.
- 1.3 Protective clothing, first aid kit, road signs and traffic control devices are identified, obtained and applied.
- 1.4 Tools, equipment, and any accessories selected to carry out tasks are checked for consistency with the requirements of the job, their usability and any faults rectified or reported prior to commencement.
- 1.5 Environmental protection requirements are identified from the project environmental management plan confirmed and applied for the allocated task.

Element 2: Inspect storage area and facilities

Performance Criteria

- 2.1 Hazards and/or obstructions are identified in line with worksite requirements.
- 2.2 Obstructions and/or hazards are removed in line with worksite requirements and safe work practices.
- 2.3 Storage facilities are checked in compliance with worksite procedures, manufactures specifications and environmental protection requirements.

Element 3: Handle and store hazardous materials

Performance Criteria

- 3.1 Materials are received and quantities are checked.
- 3.2 All materials are handled in accordance with workplace procedures and manufacturers specifications.
- 3.3 Materials are stored in accordance with worksite procedures.

Element 4: Complete work related documents

Performance Criteria

- 4.1 Work related documents are completed in accordance with contract and workplace requirements.
- 4.2 Maintenance and service related documents are completed in accordance with manufacturer and workplace requirements.
- 4.3 Documents related to accidents or other incidents are completed in accordance with workplace requirements.

Registration Data

Subfield:	Road Construction and Maintenance
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Anticipated review:	2016
Body responsible for review:	Namibia Training Authority