

Unit ID 1148

Domain

**ROAD CONSTRUCTION AND
MAINTENANCE - SUPERVISION**

Title:

**Demonstrate advanced knowledge of
and monitor worksite health and
safety compliance in road
construction and maintenance**

Level: 5

Credits: 8

Purpose

This unit standard is intended for General Foremen working on a significant road construction or maintenance site. People credited with this unit standard are able to: demonstrate knowledge of the sections of the Labour Act relevant to health and safety on a road construction and maintenance worksite; contribute to the development of a site Health and Safety Plan; brief others on worksite health and safety requirements; monitor worksite health and safety compliance; and demonstrate knowledge of accident and incident investigations and reporting.

This unit standard builds on the competencies relating to health and safety covered by other unit standards in this Domain.

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. The credits for this unit standard have been calculated on the assumption that the competencies specified in the following unit standards have been acquired to industry requirements:
 - Unit 1051 *Supervise health and safety on a road construction and maintenance worksite.*
 3. This unit standard is to 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. Evidence is required from one worksite.

4. Definitions

- a) *Assistance* in an accident investigation could include actions such as: securing the scene of the accident; photographing, sketching or drawing diagrams of the scene and site; gathering facts from any witnesses; identifying hazards and people involved; assessing hazards; examining material, equipment or existing records.
- b) *Health and safety* is also inclusive of environmental hazards and controls.
- c) *On-site personnel* refers to workers, forepersons and subcontractors.
- d) *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.
- e) *Worksite health and safety plan* means the comprehensive plan dealing with issues relating to health, safety and protection of the environment. This plan may be a generic plan to the industry or employing organisation/company or be site specific. The worksite safety plan will also include a worksite Emergency Plan.

5. 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 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 sections of the Labour Act relevant to health and safety on a road construction and maintenance worksite

Performance Criteria

- 1.1 A description of the relevance of the Labour Act to road construction and maintenance worksites is consistent with the Objects and Preamble to the Act.
- 1.2 The duties of employers, employees and relevant third parties such as subcontractors and suppliers relevant to health and safety provisions of the Act are identified and explained with reference to worksite conditions and relevant sections of Chapter 4 Part A of the Act.
- 1.3 Rights to refuse unsafe work and unsafe work practices are explained with reference to section 42 of the Act and the worksite.
- 1.4 Processes that enable worker participation and representation on a worksite are explained with reference to Chapter 4 Part B of the Act.
- 1.5 Disputes procedures relevant to health and safety matters are explained in terms of section 47 of the Act and relevant worksite and organisational structures and procedures.
- 1.6 The requirements for effective health and safety systems for a road construction and maintenance worksite are explained in terms of the Regulations relating to the health and safety of employees at work (1997) and contract specifications.

Element 2: Contribute to the development of a site Health and Safety Plan

Performance Criteria

- 2.1 Safety needs and priorities consistent with the work activities required for a specific project are identified in terms of required measures and responsibilities.
- 2.2 Appropriate recommendations are made to relevant persons with respect to allocation of duties and preventative strategies.
- 2.3 Recommendations offered are consistent with industry and legislative systems and trends in Namibia.
- 2.4 Actions ensure that the site Health and Safety Plan is available and accessible to all personnel on the worksite.

Element 3: Brief others on worksite health and safety requirements

Performance Criteria

- 3.1 Briefing needs and associated training for safety and hazard management are explained for two specific case studies relevant to the worksite.
- 3.2 Relevant worksite personnel are advised of health and safety meetings and venues in accordance with company and site procedures.
- 3.3 Meeting topics are sourced from on-site personnel, worksite needs, client or engineer information, and/or management directives.
- 3.4 Briefings specify requirements, obligations and accountabilities as specified in the site Health and Safety Plan.
- 3.5 Meetings are conducted in a manner that values and enables active participation by all those in attendance.
- 3.6 Meetings are informed by any relevant resolutions made on the site or within the company.
- 3.7 Significant comments and/or resolutions are recorded in accordance with organisational practice.

Element 4: Monitor worksite health and safety compliance

Performance Criteria

- 4.1 Monitoring ensures that hazard identification, assessment and controls are updated and documented for the worksite as required and in accordance with organisational procedures.
- 4.2 Monitoring ensures that traffic accommodation and safety controls are being implemented and enforced as planned for the worksite and in accordance with contract specifications.
- 4.3 Monitoring ensures that plant and equipment stationed or being used on the site is kept fit for purpose and safe use.
- 4.4 Monitoring ensures that personal protective equipment is kept fit for purpose and is being used as required, and that adequate replacement items are available.
- 4.5 Monitoring ensures that work practices continue to be applied safely and as required and that all specified safety controls are being complied with.
- 4.6 Monitoring ensures that the handling, use and storage of hazardous substances follow specifications for the worksite and contract specifications.

- 4.7 Monitoring ensures that environmental controls relevant to the work and worksite are being complied with.
- 4.8 Monitoring ensures that any unsafe work practices are being dealt with in accordance with delegated responsibilities for the worksite.
- 4.9 Any non-compliance with provisions of the health and safety plan are dealt with, recorded and reported in accordance with organisational procedures and contract specifications.

Element 5: Demonstrate knowledge of accident and incident investigations and reporting

Performance Criteria

- 5.1 The procedures and responsibilities for investigating an incident and/or accident on a worksite are described.
- 5.2 The procedures for reporting and recording incidents and accidents are described in terms of what needs to be reported, to whom, and by what means as relevant to the law, the worksite and organisational practice.
- 5.3 Responses to emergency or safety incidents are coordinated in accordance with own responsibilities as specified in worksite plans and organisational procedures.
- 5.4 Assistance is given to any investigation personnel as requested by them and in accordance with legal requirements and obligations.

Registration Data

Subfield:	Road Construction and Maintenance
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