

Domain	RIGGING	Unit ID: 962
Title:	Transport materials and equipment in a shaft barrel	
Level: 3		Credits: 5

Purpose

This unit standard specifies the competencies required to transport material and equipment in a shaft barrel. It includes explaining the factors critical to transporting material and equipment in a shaft barrel, preparing to and transport material and equipment in a shaft barrel and complete the transport process and prepare for operation and/or production. This unit standard is intended for those who work as general lifting machine operators.

Special Notes

1. Entry information:
Prerequisite:
 - *937 - Apply safety rules and regulations in lifting machine operations or demonstrated equivalent knowledge and skills.*
2. Material and equipment must include load haul dumpers, light delivery vehicles, bogeys and material too large to be transported within normal shaft conveyances.
3. Assessment evidence may be collected from a real workplace, or an appropriate simulated realistic environment in which lifting machine operations are carried out.
4. All inspection, operation and maintenance procedures associated with the use of tools and equipment shall comply with manufacturers' specifications, guidelines and instructions.
5. Regulations and legislation relevant to this unit standard include the following:
 - Labour Act, No. 11, 2007
 - Regulations relating to the Health and Safety of employees at work, 1997 and all subsequent amendment.

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: Explain the factors critical to transporting material and equipment in a shaft barrel

Range

Explanation may include but is not limited to injury to persons, damage to equipment, loss of production time through breakdowns and increased costs.

Performance Criteria

- 1.1 The principle of transporting material and equipment in a shaft barrel is explained in line with specified requirements.
- 1.2 The importance of transporting material and equipment in a shaft barrel to achieve healthy, safe production requirements is explained in line with specified requirements.
- 1.3 The possible significant workplace hazards that may be encountered while transporting material and equipment in a shaft barrel in a particular context is explained.

Element 2: Prepare to transport material and equipment in a shaft barrel

Range

Preparation may include but is not limited to winding engine driver communication and attachment of relevant attachment devices and lifting equipment.

Performance Criteria

- 2.1 Permission is obtained in line with specified requirements.
- 2.2 The required personal protective equipment is selected, examined and used in a way that is consistent with its purpose, design and specified requirements. Personal protective equipment is used to ensure the safety of persons and equipment.
- 2.3 Tools, material and equipment required are selected, examined and transported in line with specified requirements.
- 2.4 The workplace is examined in line with specified requirements. Workplace hazards are dealt with in line with specified requirements.
- 2.5 The material and equipment to be transported in the shaft barrel is identified in line with specified requirements.

- 2.6 The material and equipment to be transported in the shaft barrel is prepared in line with specified requirements and current accepted best practice.

Element 3: Transport material and equipment in a shaft barrel

Range

Specified requirements may include but are not limited to rigging procedures, winding engine driver communication and winding procedures.

Performance Criteria

- 3.1 The required personal protective equipment is used in a way that is consistent with its purpose, design and specified requirements. Personal protective equipment is used to ensure the safety of persons and equipment.
- 3.2 Work related hazards are dealt with in line with specified requirements.
- 3.3 The material and equipment is transported in the shaft barrel in line with specified requirements for sequence, tolerances and current accepted best practice.
- 3.4 Interpersonal interaction is positive, consistent with specified requirements and promotes effective teamwork
- 3.5 The tools and equipment are used in line with manufacturers' design and without injury to self and others.

Element 4: Complete the transporting process and prepare for operation and production

Range

Prepared for operation must include detachment of relevant attachment devices and lifting equipment and winding engine driver communication.

Consequences may include but are not limited to those for positioning material and equipment, preparing winding engine for operation and/or production, tools, material and equipment and housekeeping.

Performance Criteria

- 4.1 The material and equipment that was transported is positioned in line with specified requirements and best practice.
- 4.2 The winding engine with which the material and equipment was transported is prepared for operation and/or production purposes in line with specified requirements.

- 4.4 The workplace is cleaned and free from hazards in line with specified requirements and housekeeping practices.
- 4.5 The consequences for occupational health, safety and production of not completing the transporting process in line with specified requirements and current legislation are explained.

Registration Data

Subfield:	Lifting, Shifting and Secure Loads
Date first registered:	27 September 2012
Date this version registered:	27 September 2012
Anticipated review:	2015
Body responsible for review:	Namibia Training Authority