

	Unit ID: 1132
Domain	HEAVY EQUIPMENT OPERATIONS
Title:	Transport large plant or truck using a low-bed truck
Level: 3	Credits: 30

Purpose

This unit standard is intended for those who work in surface mining and quarrying operations. People holding credit for this unit standard are able to: Receive instructions and prepare for transporting large plant or truck; confirm load characteristics and confirm permits; prepare for loading large plant or truck; load and secure large plant or truck on low-bed truck; transport large plant or truck using a low-bed truck; and off-load large plant or truck from low-bed truck.

A valid driving licence *Code CE* or equivalent is necessary for this unit standard to drive a low-bed truck as part of heavy equipment operations.

The main focus of this unit standard is the attainment of the required outcomes of learning, not the how, when or where learning occurred. People who have attained credits for unit standard ID 1025, registered under the subfield and domain of Road Construction and Maintenance, should be given the opportunity to apply for recognition of prior learning.

Special Notes

1. Entry information:

Prerequisite

- Unit 1113 - *Comply with health, safety and environmental rules and regulations pertaining to heavy equipment operations*

2. Expected worksite production target are to be met.
3. Assessment evidence may be collected from a real workplace or a simulated workplace in which surface mining and quarrying operations are carried out.
4. Equipment, tools and materials may include but are not limited to machine attachments, personal protective equipment, safety signs, fuel, specified oil and lubricants, and accessory tools.
5. Maintenance may include but is not limited to cleaning, authorised servicing and the monitoring, recording and reporting of faults. It may also include the conduct of authorised minor replacements and the provision of assistance to maintenance and repair activities.
6. Safe working practices include but are not limited to 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 legal and workplace requirements, contractual agreement and/or manufacturers' specifications.

8. Regulations and legislation, including subsequent amendments, relevant to this unit standard may include but are not limited to the following:
- Labour Act, No. 11 of 2007
 - Regulations relating to the Health and Safety of employees at work, 1997
 - Road Traffic and Transport Regulations No. 52, 1999
 - Government Notice No 53 Road Traffic and Transport Regulations and industry specific regulations, legislations, code of practice, or code of conduct.

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: Receive instructions and prepare for transporting large plant or truck

Performance Criteria

- 1.1 Instructions regarding machinery required, pick-up location, and delivery destination are obtained, clarified and confirmed according to workplace requirements.
- 1.2 Safety requirements including personal protective clothing and equipment are obtained from the site safety plan and workplace policies and procedures, and applied to the allocated task.
- 1.3 On- and off-site traffic control requirements are obtained and implemented in line with workplace requirements.
- 1.4 Plant, tools, fuel, lubricants, equipment, attachments and 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 of work.
- 1.5 Low-bed truck maintenance and faults are reported in accordance with workplace requirements.
- 1.6 Route is planned and confirmed in relation to weight and dimensions of loaded low-bed truck in accordance with legislative requirements.

Element 2: Confirm load characteristics and confirm permits

Range

Low-bed truck's carrying capacity and traffic load restrictions may include but are not limited to weighbridge or axle loads and tare weights.

Confirmation of loading and dimensions may include but are not limited to width; height; and length measured with a tape measure.

Performance Criteria

- 2.1 Weight of large plant or truck is confirmed in accordance with low-bed truck's carrying capacity, and traffic load restriction rules and regulations.
- 2.2 Loading and dimensions of large plant or truck are confirmed in accordance with legislative requirements.
- 2.3 Valid transport permit documentation are obtained and confirmed in accordance with legislative requirements.
- 2.4 Piloting requirements are confirmed in accordance with legislative requirements.

Element 3: Prepare for loading large plant or truck

Performance Criteria

- 3.1 Low-bed truck is positioned on firm level ground prior to loading in accordance with technical instructions and specifications.
- 3.2 Deck of low-bed truck is cleared of debris prior to loading.
- 3.3 Large plant or truck is freed of loose material prior to being loaded onto low-bed truck.

Element 4: Load and secure large plant or truck on low-bed truck

Performance Criteria

- 4.1 Large plant or truck is loaded onto low-bed truck in accordance with company requirements and manufacturer's specifications.
- 4.2 Large plant or truck is located on low-bed truck according to the axle loadings of the low-bed truck in accordance with legislative requirements and manufacturer's specifications.
- 4.3 Large plant or truck is secured to the low-bed truck in accordance with legislative requirements, manufacturer's specifications and company requirements.

Element 5: Transport large plant or truck using a low-bed truck

Performance criteria

- 5.1 Low-bed truck enters into traffic flow in accordance with legislative and company requirements.
- 5.2 Large plant or truck is transported to specified destination in accordance with Road Traffic Regulations.
- 5.3 Communication with escort vehicle(s) during transport is established and maintained using a variety of communication devices in accordance with Road Traffic Regulations and company requirements.
- 5.4 Specified route is adhered to.

Element 6: Off-load large plant or truck from low-bed truck

Performance criteria

- 6.1 Large plant or truck is off-loaded from low-bed truck and parked in accordance with company requirements and manufacturer's specifications.
- 6.2 Confirmation of the arrival at the destination is sent to appropriate personnel in accordance with company requirements.

Registration Data

Subfield:	Surface Mining and Quarrying
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Anticipated review:	2016
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