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| Domain | RIGGING | Unit ID: 973 |
| Title: | Sling material and equipment in a shaft | |
| Level: 3 | | Credits: 4 |

Purpose

This unit standard specifies the competencies required to sling material and equipment in a shaft. It includes explaining the factors critical to slinging material and equipment in a shaft, preparing to and slinging material and equipment in a shaft and completes the slinging 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. This unit standard is for material/equipment 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 slinging material and equipment in a shaft

Range

Explanation of healthy, safe production requirements may include those for injury to persons, damage to equipment, loss of production time through breakdowns and increased costs.

Performance Criteria

- 1.1 The explanation of the purpose of slinging material and equipment in a shaft is in accordance with specified requirements.
- 1.2 The explanation of the importance of slinging material and equipment in a shaft to achieve healthy, safe production requirements is in accordance with specified requirements.
- 1.3 The explanation lists the possible critical workplace hazards that may be encountered while slinging material and equipment in a shaft in a particular context. The explanation also describes the risks associated with and the factors contributing to each workplace hazard.
- 1.4 The explanation lists the possible critical work related hazards that may be encountered while slinging material and equipment in a shaft in a particular context. The explanation also describes the risks associated with and the factors contributing to each work-related hazard.

Element 2: Prepare to and sling material and equipment in a shaft

Range

Preparation of materials and equipment to be slung in the shaft may include attachment of relevant lifting equipment.

Performance Criteria

- 2.1 Permission is obtained in accordance with specified requirements.
- 2.2 Entries are made in the relevant logbooks in accordance with specified requirements.
- 2.3 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.

- 2.4 Tools, material and equipment required are selected, examined and transported in accordance with specified requirements.
- 2.5 The workplace is examined in accordance with specified requirements. Workplace hazards are dealt with in accordance with specified requirements.
- 2.6 The material and equipment to be slung in the shaft is prepared in accordance with specified requirements and current accepted best practice.
- 2.7 The material and equipment is slung in the shaft in line with specified requirements for sequence, tolerances and current accepted best practice.

Element 3: Complete the slinging process and prepare for operation and production

Performance Criteria

- 3.1 The material/equipment is removed from the shaft in accordance with specified requirements and best practice.
- 3.2 Tools, material and equipment selected are dealt with in accordance with specified requirements.
- 3.3 The workplace is cleaned and free from hazards in accordance with specified requirements and housekeeping practices.
- 3.4 The relevant logbooks are cleared in accordance with specified requirements.
- 3.5 The report on work performed complies with specified requirements for format, content, accuracy and distribution. The report is delivered within the agreed time.

Registration Data

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| 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 |