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| <b>Domain</b>   | <b>RIGGING</b>   | <b>Unit ID: 935</b> |
| <b>Title:</b>   | <b>Adhere to basic occupational health and safety practices pertaining to shaft operations</b> |                     |
| <b>Level: 2</b> |  | <b>Credits:3</b>    |

### **Purpose**

This unit standard specifies the competencies required to adhere to basic occupational health and safety practices pertaining to shaft operations. It includes describing specified requirements in the event of operational problems pertaining to shaft operations, describing specified requirements in the event of emergencies pertaining to shaft operations and explaining the legal requirements regarding health and safety practices in the workplace. This unit standard is intended for those who work in lifting machine operations environment.

### **Special Notes**

1. Entry information:  
Prerequisite:
  - 937 - *Apply safety rules and regulations in lifting machine operations* or demonstrated equivalent knowledge and skills.
2. Assessment evidence may be collected from a real workplace, or simulated real workplace or an appropriate simulated realistic environment in which lifting machine operations are carried out.
3. 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](http://www.nta.com.na).

## **Elements and Performance Criteria**

### **Element 1: Describe specified requirements in the event of operational problems pertaining to shaft operations**

#### **Range**

Explanations must include defects involving the signalling and communication arrangements, arresting devices, shaft safety devices, shaft conveyances and attachments, super structure and illumination.

The action to be taken when the conveyance may include but are not limited to on setter positioned in the conveyance and on setter positioned on the landing station.

#### **Performance Criteria**

- 1.1 The action to be taken in the event of equipment failure, as well as the consequences of such failure to occupational health, safety and productivity, is explained in terms of legal, site-specific and operational requirements.
- 1.2 The action to be taken in the event of a key lost, as well as the consequences of such loss to safety is explained in terms of legal, site-specific and operational requirements.
- 1.3 The action to be taken in the event of confined workspace due to incorrect stacking and placement of material and equipment, as well as the consequences thereof to occupational health and safety is explained in terms of legal, site-specific and operational requirements.
- 1.4 The action to be taken when the conveyance is locked at an incorrect position in the shaft, as well as the consequences to occupational health, safety and productivity if that should happen is explained in terms of legal, site-specific and operational requirements.

### **Element 2: Describe specified requirements in the event of emergencies pertaining to shaft operations**

#### **Range**

Emergencies in the shaft may include but are not limited to fire in the shaft, the obstruction of conveyance in the shaft, derailments in the shaft, power failure, and accident involving persons in the shaft, damage to the shaft and flooding of the shaft bottom.

#### **Performance Criteria**

- 2.1 The action to be taken in the event of emergencies in the shaft, as well as the consequences for occupational health and safety, should requirements not be adhered to, is explained in terms of legal, site-specific and operational requirements.

- 2.2 The action to be taken in the event of riots, unauthorised entry to the conveyance and unauthorised operation of safety devices, as well as the consequences for occupational health and safety, should requirements not be adhered to, are explained in terms of legal, site-specific and operational requirements.

**Element 3: Explain the legal requirements regarding health and safety practices in the workplace**

**Performance Criteria**

- 3.1 Requirements regarding housekeeping practices and hygienic matters in the workplace, and the consequences for health and safety, should requirements not be adhered to, are explained in terms of legal, site-specific and operational requirements.

**Registration Data**

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| <b>Subfield:</b>                     | Lifting, Shifting and Secure loads |
| <b>Date first registered:</b>        | 27 September 2012                  |
| <b>Date this version registered:</b> | 27 September 2012                  |
| <b>Anticipated review:</b>           | 2015                               |
| <b>Body responsible for review:</b>  | Namibia Training Authority         |