

<b>Domain</b>	<b>RIGGING</b>	<b>Unit ID: 968</b>
<b>Title:</b>	<b>Re-rail rolling stock by means of jacks</b>	
<b>Level: 3</b>		<b>Credits:3</b>

### **Purpose**

This unit standard specifies the competencies required to re-rail stock by means of jacks. It includes explaining the factors critical to re-railing rolling stock by means of jacks, preparing to re-rail rolling stock by means of jacks, re-rail rolling stock by means of jacks and completing the re-railing process and preparing for operation and/or production. 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. The following scope and context applies to the whole unit standard, types of jack include but are not limited to screw jack, ratchet jack and hydraulic jack.
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](http://www.nta.com.na).

## **Elements and Performance Criteria**

### **Element 1: Explain the factors critical to re-railing rolling stock by means of jacks**

#### **Range**

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

#### **Performance Criteria**

- 1.1 The explanation of the principle of operation of jacks used in the re-railing of rolling stock is given in line with specified requirements.
- 1.2 The explanation of the importance of re-railing rolling stock by means of jacks to achieve healthy, safe production requirements is given in line with specified requirements.
- 1.3 The explanation lists the possible significant workplace hazards that may be encountered while re-railing rolling stock by means of jacks in a particular context. The explanation also describes the risks associated with and the factors contributing to each workplace hazard.

### **Element 2: Prepare to re-rail rolling stock by means of jacks**

#### **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.
- 2.3 Tools, material and equipment required are selected, examined and transported in accordance 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 mass of the unit to be re-railed is verified in line with specified requirements.

### **Element 3: Re-rail rolling stock by means of jacks**

#### **Performance Criteria**

- 3.1 The rolling stock is re-railed in line with specified requirements and current accepted best practice.

- 3.2 Interpersonal interaction is positive, consistent with specified requirements and promotes effective teamwork.
- 3.3 The tools and equipment are used in line with manufacturers' design and without injury to self and others.

**Element 4: Complete the re-railing process and prepare for operation and production**

**Range**

Consequences must include those for tools, material and equipment, housekeeping and reporting.

**Performance Criteria**

- 4.1 Tools, material and equipment selected are dealt with in line with specified requirements.
- 4.2 The workplace is cleaned and free from hazards in line with specified requirements and housekeeping practices.
- 4.3 The report on work performed complies with specified requirements for format, content, accuracy and distribution. The report is delivered within the agreed time.
- 4.4 The consequences for occupational health, safety and production of not completing the re-railing process in line with specified requirements, and current legislation are explained.

**Registration Data**

<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