



Excellect 209 (PTY) LTD Trading as

**NICORE**

**Training and Development**

54 Columbus Str. Steiltes Mbombela 1201 · 072 819 9440 · 013 744 0407

## **SLING LOADS**

US 12481

NQF Level: 02

Credits: 4

## **COURSE OVERVIEW**



## **PURPOSE OF THE UNIT STANDARD**

Learners in the field of engineering require the skills, values and knowledge reflected in this unit standard.

The learning outcomes in this unit standard also contribute to the exit level outcomes required for the National Certificate in Mechanical Engineering Fitting (NQF level 2) and related qualifications.

Qualifying learners can sling loads safely before allowing load-moving equipment to remove / move the load. They will understand the importance of applying safe slinging techniques and how it is achieved. This will include a basic knowledge of weight determining, determining what load slinging equipment is required, lashing the load, attaching the load to the selected lifting equipment and signalling the lifting equipment operator.

## **Specific Outcomes and Assessment Criteria:**

### **SPECIFIC OUTCOME 1**

Plan and prepare for load slinging activity.

#### **ASSESSMENT CRITERIA**

1. Load weight and slinging methodology is determined.
2. Loads are safely slung.
3. Documents and reports are completed.
4. Read and interpret task instruction and worksite procedure.
5. Determine the weight of the load and the appropriate slinging methodology accurately.

### **SPECIFIC OUTCOME 2**

Prepare site and equipment for load slinging.

#### **ASSESSMENT CRITERIA**

1. Load weight and slinging methodology is determined.
2. Clear site of personnel.
3. Documents and reports are completed.
4. Identify and select equipment against the load to be moved.
5. Conduct pre-use checks on all equipment to be used.

### **SPECIFIC OUTCOME 3**

Sling load.

#### **ASSESSMENT CRITERIA**

1. Attach slinging equipment to loads with or without lifting lugs.
2. Loads are safely slung.
3. Documents and reports are completed.
4. Balance the load and check working clearances timeously and safely.
5. Signal the lifting equipment operator.
6. Conduct post-slinging activities.

### **SPECIFIC OUTCOME 4**

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## Sling Loads



Signal the lifting equipment operator.

### **ASSESSMENT CRITERIA**

1. Load weight and slinging methodology is determined.
2. Loads are safely slung.
3. Documents and reports are completed.

### **SPECIFIC OUTCOME 5**

Conduct post-slinging activities.

### **ASSESSMENT CRITERIA**

1. Load weight and slinging methodology is determined.
2. Loads are safely slung.
3. Documents and reports are completed.

### **SPECIFIC OUTCOME 6**

Care for and store load slinging equipment.

### **ASSESSMENT CRITERIA**

1. Ensure equipment is not damaged.
2. Loads are safely slung.
3. Documents and reports are completed.
4. Problems are timeously communicated to the appropriate role players.
5. Correct storage techniques are adhered to.

### **SPECIFIC OUTCOME 7**

Report on slinging equipment condition.

### **ASSESSMENT CRITERIA**

1. Equipment operational inspections conform to manufacturer specifications.
2. Loads are safely slung.
3. Documents and reports are completed.
4. Documents and reports regarding operations and inspections are clear, accurate and complete.
5. Completion of load moving is reported to appropriate personnel.
6. Work safely with due care for self, fellow workers, equipment, materials and the environment.
7. Incidents and problems related to load slinging.

### **SPECIFIC OUTCOME 8**

Discuss and explain incidents and problems related to load slinging.

### **ASSESSMENT CRITERIA**

1. Load weight and slinging methodology is determined.
2. Loads are safely slung.
3. Documents and reports are completed.

### **SPECIFIC OUTCOME 9**

Work safely with due care for self, fellow workers, equipment, materials and the environment.

### **ASSESSMENT CRITERIA**

1. Load weight and slinging methodology is determined.

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## Sling Loads

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2. Loads are safely slung.
3. Documents and reports are completed.