

**Unit ID: 1480**

**Domain Title: METALLURGICAL PROCESSING - CORE  
Demonstrate knowledge of regulatory requirements pertaining to process plant operations**

**Level: 2**

**Credits: 5**

### **Purpose**

This unit standard is intended for those who carry out metallurgical processing operations. People holding credit for this unit standard are able to: Demonstrate knowledge of relevant occupational health and safety legislation; demonstrate knowledge of national and organisational safety policies and requirements; demonstrate knowledge of relevant code of practice and code of conduct; and demonstrate knowledge of control measures for hazardous or dangerous goods and materials.

### **Special Notes**

1. Assessment evidence may be collected from a real workplace or a simulated workplace in which metallurgical processing operations are carried out.
2. Regulations and legislation, including subsequent amendments, relevant to this unit standard may include but are not limited to the following:
  - Labour Act, No. 11, 2007
  - Mineral Act, No. 33, 1992
  - Mine Health and Safety Regulations, 1999
  - Regulations relating to the Health and Safety of employees at work, 1997 and all 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. All approved unit standards, qualifications and national assessment arrangements are available on the Namibia Training Authority website [www.nta.com.na](http://www.nta.com.na).

## **Elements and Performance Criteria**

### **Element 1: Demonstrate knowledge of relevant occupational health and safety legislation**

#### **Performance Criteria**

- 1.1 Knowledge of the requirements of the relevant sections of the Occupational Health and Safety Regulations is demonstrated.
- 1.2 Knowledge of what constitutes health, safety and environment appreciation in the broader working environment is demonstrated.
- 1.3 Relevant health and safety legislation is applied to ensure compliance with national and international requirements and environmental standards.
- 1.4 The application of appropriate reporting mechanism for unsafe working practice and conditions are selected, demonstrated and described.

## **Element 2: Demonstrate knowledge of national and organisational safety policies and requirements**

### **Performance Criteria**

- 2.1 Knowledge of integrated occupational safety programmes is demonstrated.
- 2.2 Knowledge of integrated occupational health programmes is demonstrated.
- 2.3 Knowledge of integrated environmental management programmes is demonstrated.
- 2.4 Good housekeeping practices are identified, selected and demonstrated in accordance with legislative requirements and workplace procedures.

## **Element 3: Demonstrate knowledge of relevant code of practice and code of conduct**

### **Performance Criteria**

- 3.1 Knowledge of the requirements of the relevant code of practice and code of conduct is demonstrated.
- 3.2 The requirements of the relevant code of practice and code of conduct are applied.
- 3.3 The application of appropriate reporting mechanisms in terms of the relevant code of practice and code of conduct are selected, demonstrated and described.

## **Element 4: Demonstrate knowledge of control measures for hazardous or dangerous goods and materials**

### **Performance Criteria**

- 4.1 Knowledge of control measures for hazardous or dangerous goods and materials is demonstrated.
- 4.2 Control measures for hazardous or dangerous goods and materials are applied.

## **Registration Data**

<b>Subfield:</b>	Metallurgy
<b>Date first registered:</b>	28 September 2016
<b>Date this version registered:</b>	28 September 2016
<b>Anticipated review:</b>	2021
<b>Body responsible for review:</b>	Namibia Training Authority