

Domain**METALLURGICAL PROCESSING - CORE****Title:****Control workplace hazardous substances****Level: 3****Credits: 7**

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 the legal and specified requirements for identifying and dealing with workplace hazardous substances; identify workplace hazardous substances; identify risks associated with workplace hazardous substances; and control workplace hazardous substances.

Special Notes

1. Entry information:

Prerequisite

- 1449 - *Comply with health, safety and environmental rules and regulations pertaining to processing operations*; or demonstrated equivalent knowledge and skills.

2. Assessment evidence may be collected from a real workplace or a simulated workplace in which metallurgical processing operations are carried out.

3. Safe working practices include day-to-day observation of safety policies and procedures and compliance with emergency procedures.

4. Specifications refer to any, or all of the following: manufacturer's specifications and recommendations, and workplace specific requirements.

5. Performance of all elements in this unit standard must comply with relevant regulatory, legislative, workplace requirements and/or manufacturers' specifications.

6. 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.

Elements and Performance Criteria

Element 1: Demonstrate knowledge of the legal and specified requirements for identifying and dealing with workplace hazardous substances

Range:

Identifying and dealing with hazardous substances must include the responsibilities of both employer and employee.

Performance Criteria

- 1.1 Specified requirements of hazardous substances are described.
- 1.2 Specified requirements for correctly identifying and dealing with various hazardous substances, are described.

Element 2: Identify workplace hazardous substances

Performance Criteria

- 2.1 Characteristics and dangers associated with hazardous substances, which might be encountered are described.
- 2.2 Workplace hazardous substances are identified.
- 2.3 The importance of correctly identifying and dealing with workplace hazardous substances is explained in terms of its consequences for health, safety, environment and production.
- 2.4 The identification of and dealing with hazardous substances is conducted in a manner that fosters teamwork and avoids conflict according to workplace procedures.

Element 3: Identify risks associated with workplace hazardous substances

Performance Criteria

- 3.1 Risks associated with workplace hazardous substances encountered are interpreted.
- 3.2 The possible exposure of persons to hazards associated with hazardous substances is identified and dealt with according to workplace procedures.

Element 4: Control workplace hazardous substances

Performance Criteria

- 4.1 Storage of hazardous substances is verified and confirmed according to workplace procedures.
- 4.2 Handling, labelling, usage and disposal practices are met according to workplace procedures.
- 4.3 Control measures to minimise exposure are selected and applied according to workplace procedures.
- 4.4 Workplace emergency preparedness plans are explained.
- 4.5 Communication and reporting actions confirm that appropriate control measures are taken according to workplace procedures.
- 4.6 The importance of complying with measures to control hazardous substances is explained in terms of the consequences for health, safety, environment and production.
- 4.7 Control of hazardous substances is conducted in a manner that fosters teamwork and avoids conflict.

Registration Data

Subfield:	Metallurgy
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