

Domain**METALLURGICAL PROCESSING - CORE****Title:****Maintain site quality standards****Level: 2****Credits: 4****Purpose**

This unit standard is intended for those who carry out metallurgical processing operations. People holding credit for this unit standard are able to: Plan and prepare for quality work outcomes; apply quality systems to individual work activities; and report quality deviations.

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 processing operations are carried out.

3. This unit standard should be assessed in conjunction with other relevant technical unit standards selected from the metallurgical processing, mineral processing, hydrometallurgy, or pyrometallurgy domain.

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

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

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

7. 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: Plan and prepare for quality work outcomes

Performance Criteria

- 1.1 Work instructions, including plans, specifications, quality requirements and operational details are obtained, explained, clarified and applied to the allocated task.
- 1.2 Performance indicators for individual work are identified and confirmed with appropriate personnel according to workplace procedures.
- 1.3 Measures to ensure that work is completed within time, quality, cost and productivity parameters are identified and implemented.
- 1.4 Work is planned to facilitate the achievement of quality standards.

Element 2: Apply quality systems to individual work activities

Performance Criteria

- 2.1 Work is carried out according to relevant quality procedures.
- 2.2 Performance indicators are adjusted and agreed to meet changing circumstances with appropriate personnel according to workplace procedures.
- 2.3 Procedure improvements are suggested to appropriate personnel and, if approved, implemented according to workplace procedures.
- 2.4 Relevant documentation is completed according to workplace procedures.

Element 3: Report quality deviations

Performance Criteria

- 3.1 Non-compliance of quality outputs is identified.
- 3.2 Information about variations in quality are communicated to appropriate personnel according to workplace procedures.

Registration Data

Subfield:	Metallurgy
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