

Domain**METALLURGICAL PROCESSING - CORE****Title:****Decommission plant****Level: 4****Credits: 6****Purpose**

This unit standard is intended for those who carry out metallurgical processing operations. People holding credit for this unit standard are able to: Contribute to decommissioning planning; isolate and decontaminate plant; and inspect, test and notify completion of work.

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. 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: Contribute to decommissioning planning

Performance Criteria

- 1.1 Planning process, specifications, quality requirements and operational details are obtained, explained, clarified and applied to the allocated task.
- 1.2 Plant and equipment role and purpose are identified.
- 1.3 Procedures for effective work coordination, involving co-workers and supervisors on site, are implemented.
- 1.4 Workplace hazards and associated risks are identified, minimised or eliminated according to workplace procedures and legislative requirements.
- 1.5 Tools and equipment, materials, safety and security requirements, including personal protective clothing and equipment are obtained from the site safety plan, workplace policies and procedures, explained, and applied to the allocated task.
- 1.6 Plans, including environmental protection requirements, are prepared to ensure correct sequencing of tasks and procedures.
- 1.7 Approvals are obtained and relevant documentation completed according to workplace procedures.

Element 2: Isolate and decontaminate plant

Performance Criteria

- 2.1 Workplace hazards and associated risks are identified, minimised or eliminated according to workplace procedures and legislative requirements.
- 2.2 Decommissioning plan is interpreted and applied according to workplace procedures.
- 2.3 Plant, equipment, or equipment components are isolated and decontaminated, as required, and in line with workplace procedures.
- 2.4 Contaminated materials or components are disposed of, as required, according to environmental protection requirements and workplace procedures.
- 2.5 Relevant documentation is completed according to workplace procedures.

Element 3: Inspect, test and notify completion of work

Performance Criteria

- 3.1 Workplace hazards and associated risks are identified, minimised or eliminated according to workplace procedures and legislative requirements.
- 3.2 Tools and equipment appropriate to the testing and/or inspection requirements are selected and utilised according manufacturer specifications and workplace procedures.
- 3.3 Testing and/or inspection procedures are carried out according to workplace procedures.
- 3.4 Any required additional work is reported, undertaken and/or initiated according to workplace procedures.
- 3.5 After completion of work appropriate personnel is informed and relevant documentation completed according to workplace procedures.

Registration Data

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