

Unit ID: 1454

Domain METALLURGICAL PROCESSING - CORE
Title: Conduct safety checks prior to
equipment usage

Level: 2

Credits: 2

Purpose

This unit standard is intended for those who carry out metallurgical processing operations. People holding credit for this unit standard are able to: Determine the safety checks required for equipment usage; and carry out safety checks in a metallurgical plant.

Special Notes

1. Assessment evidence may be collected from a real workplace or a simulated workplace in which processing operations are carried out.
2. 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.
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: Determine the safety checks required for equipment usage

Range:

Safety checks may include but is not limited to suitability for purpose; correct size; wear and tear.

Performance Criteria

- 1.1 Safety checks for the equipment to be used are identified according to manufacturer's requirements and workplace procedures.
- 1.2 Safety checks are determined by matching the equipment to be used against the job according to manufacturer's requirements and workplace procedures.
- 1.3 A visual safety check is conducted to check equipment parts to meet the manufacturer's requirements.
- 1.4 Maintenance items are documented and reported in line with workplace procedures.

Element 2: Carry out safety checks in a metallurgical plant

Performance Criteria

- 2.1 Equipment is checked and rendered inactive where required in accordance with manufacturer's requirements and workplace procedures.
- 2.2 Safety items are checked to ensure adequate working status in accordance with manufacturer's requirements and workplace procedures.
- 2.3 Equipment is checked and rendered active, where appropriate, and tested, where required in accordance with manufacturer's requirements and workplace procedures.
- 2.4 Concerns relating to safety, potential for accident, and maintenance are documented or reported, according to manufacturer's requirements and workplace procedures.
- 2.5 Safety checks ensure that items considered hazardous are rendered inactive or withdrawn in accordance with manufacturer's requirements and workplace procedures.

Registration Data

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