

<b>National Vocational Certificate in Metallurgy (Level 1) (Foundation)</b>
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**Level of Qualification:** 1

**Credit total:** 71

	<b>Compulsory</b>	<b>Elective</b>
<b>level 1 credits available</b>	<b>47</b>	-
<b>level 2 credits available</b>	<b>24</b>	-
<b>minimum totals required</b>	<b>71</b>	-

**Registration date:** 28 September 2016

**Scheduled review date:** 2021

**Body responsible for the qualification:** Namibia Training Authority (NTA) - Industry Skills Committee for Mining; Quarrying; Construction; Electricity, Gas and Water supply; and Sanitation (MQCEGWS)

**Other bodies whose unit standards are included in the qualification:**  
Namibia Training Authority

## 1. Purpose

This Qualification has been developed to assist with the advancement of people who wish to gain paid employment in the mining (Processing) industry. The intention of this qualification is to assist;

- New entrants, by describing the learning outcomes required to qualify for a structured workplace programme starting at level 2;
- Education and training providers, by providing guidance for the development of appropriate learning programmes and assessment documentation;
- Employers, by enabling skills gaps to be identified and addressed ensuring that productivity levels are increased and business objectives achieved.

Training programmes leading to the award of this qualification will assist in addressing the on-going demand for qualified process plant operators at all levels in Namibia by equipping learners with the fundamental competencies of safety aspects and personal development, required to access a plant. As a result, this qualification provides opportunities for paid employment acting as a reward for contributions to society by facilitating social and economic transformation, empowerment and general upliftment of the mining industry and country in general.

This qualification represents a stage of progression to the different strands of the National Vocational Certificate in Metallurgy (Mineral Processing; Hydrometallurgical Processing; and/or Pyrometallurgical Processing) Level 2.

## 2. Regulations for the qualification

## 2.1 Summary of qualification requirements

This qualification will be awarded to people who are credited with the requirements of the compulsory section.

## 2.2 Detailed qualification requirements

### Compulsory

*All the unit standards listed below are required*

**FIELD:** PHYSICAL PLANNING AND CONSTRUCTION  
**Subfield:** Metallurgy  
**Domain:** Metallurgical Processing - Core

Unit No.	Unit Standard Title	Level	Credits
1449	Comply with health, safety and environmental rules and regulations pertaining to processing operations	2	6
1450	Demonstrate knowledge of hazardous substances at a metallurgical plant	2	5
1467	Demonstrate knowledge of activities related to metallurgical processing	1	18
1468	Read and interpret information presented in tables, graphs, diagrams and charts as part of processing operations	1	2
1469	Apply a problem solving method to a situation as part of processing operations	2	2
1471	Carry out basic workplace calculations	2	4
1473	Communicate in processing operations	2	3

**FIELD:** PHYSICAL PLANNING AND CONSTRUCTION  
**Subfield:** Road Construction and Maintenance  
**Domain:** Road Construction and Maintenance – Core

Unit No.	Unit Standard Title	Level	Credits
1043	Extinguish fire by means of basic fire fighting equipment	1	4

**FIELD:** PHYSICAL, MATHEMATICAL AND COMPUTER STUDIES  
**Subfield:** Numeracy  
**Domain:** Foundation Numeracy Skills

Unit No.	Unit Standard Title	Level	Credits
1153	Apply basic numeracy skills in a workplace environment	1	5

**FIELD:** COMMUNICATION STUDIES AND LANGUAGES  
**Subfield:** Communication Skills  
**Domain:** Foundation Communication Skills

Unit No.	Unit Standard Title	Level	Credits
1150	Apply basic reading skills in a workplace environment	1	2
1152	Use workplace documents	1	5
1151	Interact with others in a workplace environment	1	5

**FIELD:** HEALTH SCIENCES AND SOCIAL SERVICES  
**Subfield:** Core Health  
**Domain:** HIV and AIDS Awareness

Unit No.	Unit Standard Title	Level	Credits
1155	Demonstrate basic awareness of HIV and AIDS	1	6

**FIELD:** HEALTH SCIENCES AND SOCIAL SERVICES  
**Subfield:** Core Health  
**Domain:** First Aid

Unit No.	Unit Standard Title	Level	Credits
843	Provide basic first aid	2	4

### 3. Credit recognition and transfer arrangements

Credits for any version of a unit standard with the same identification number will be recognised in the award of this qualification.

### 4. Special Arrangements

**4.1** Special Arrangements apply to the accreditation of providers offering learning pathways to and/or undertaking assessments relating to all unit standards listed in this qualification under the Subfield of Metallurgy. These Special Arrangements are available from:

Industry Skills Committee - MQCEGWS  
Rand Street  
Khomasdal  
Namibia  
Telephone number: 061-207 8550  
Facsimile number: 061-207 8551  
Email [info@nta.com.na](mailto:info@nta.com.na)

- 4.2** Special Arrangements may apply to the accreditation of providers offering learning pathways to and/or undertaking assessment relating to all unit standards listed in this qualification in other Subfields and Domains. These Special Arrangements are available from:

Namibia Qualifications Authority  
44 Bismarck St.  
Windhoek  
Namibia  
Telephone number: 061-384116  
Facsimile number: 061-384114  
Email: [info@namqa.org](mailto:info@namqa.org)

Namibia Training Authority  
Rand Street  
Khomasdal  
Namibia  
Telephone number: 061-207 8550  
Facsimile number: 061-207 8551  
Email [info@nta.com.na](mailto:info@nta.com.na)

- 4.3** Regardless of the above, providers seeking accreditation through the relevant authorities must have or have confirmed access to all equipment and facilities detailed in the Special Notes, Performance Criteria and/or Range Statements in the unit standards that are included in this qualification.

## **5. Transition arrangements**

### **5.1 Non National Qualifications Framework transition**

None.

### **5.2 National Qualifications Framework transition**

This is the first version of this qualification.