

National Vocational Certificate in Surface Mining and Quarrying (Level 2) (Heavy equipment operations)

level of qualification: 2

	Compulsory	Elective
level 1 credits available	4	-
level 2 credits available	57	13
level 3 credits available	-	25
minimum totals required	61	15

registration date: 27 March 2013

scheduled review date: 2016

body responsible for the qualification: Industry Skills Committee - MQCEGWS

other bodies whose unit standards are included in the qualification:

Namibia Training Authority - NTA

1 purpose

This qualification is a direct response to the continuous effort of the Industry Skills Committee - MQCEGWS (Mining; Quarrying; Construction; Electricity, Gas and Water supply; and Sanitation) to address the lack of adequately skilled human resources in heavy equipment operations with special emphasis on surface mining and quarrying. The intention of this qualification is to provide learners with the fundamental knowledge, understanding, skills and application techniques (level 2) that they need to be successful in their progression to work as qualified Heavy Equipment Operator (level 3). It recognises people who have the competencies required to work around operating equipment, energy sources and water hazards; communicate in heavy equipment operations; operate water truck and service vehicle; work as member of team; apply basic fire fighting and first aid procedures; implement environmental initiatives; demonstrate knowledge of regulatory requirements pertaining to heavy equipment operations; and can demonstrate mechanical awareness and plant appreciation.

The main focus of this qualification is the attainment of the required outcomes of learning, not the how, when or where learning occurred. Some people applying to attain this qualification may currently be competent in one or more of the unit standards and should then be given the opportunity to apply for recognition of prior learning.

The unit standards making up this qualification require basic communication and numeracy skills.

This qualification represents a stage of progression to the National Vocational Certificates in Surface Mining and Quarrying (Heavy equipment operations) Level 3.

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 and elective set.

2.2 detailed qualification requirements

Compulsory Set

All the unit standards listed below are required

FIELD: PHYSICAL PLANNING AND CONSTRUCTION
 Subfield: Surface Mining and Quarrying
 Domain: Heavy Equipment operations

Unit No.	Unit Standard Title	Level	Credit
1108	Work as member of team in routine heavy equipment operations	2	4
1109	Perform basic calculations to solve problems related to heavy equipment operations	2	6
1110	Demonstrate mechanical awareness and plant appreciation as part of heavy equipment operations	2	5
1111	Implement environmental initiatives as part of surface mining and quarrying operations	2	4
1112	Communicate in heavy equipment operations	2	3
1113	Comply with health, safety and environmental rules and regulations pertaining to heavy equipment operations	2	6
1114	Demonstrate knowledge of regulatory requirements pertaining to heavy equipment operations	2	5
1115	Work around operating equipment as part of surface mining and quarrying activities	2	6
1116	Work around energy sources as part of surface mining and quarrying activities	2	5
1117	Work around water hazards as part of surface mining and quarrying activities	2	5

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

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

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

Unit No.	Unit Standard Title	Level	Credit
331	Demonstrate knowledge of HIV and AIDS in the workplace	2	4

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

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

Elective Set

A minimum of 15 credits is required from the following unit standards

FIELD: PHYSICAL PLANNING AND CONSTRUCTION
 Subfield: Surface Mining and Quarrying
 Domain: Heavy Equipment operations

Unit No.	Unit Standard Title	Level	Credit
1118	Lift, move and place loads with a forklift as part of surface mining and quarrying operations	2	5
1119	Carry out surface mining and quarrying activities using a service vehicle	2	8
1129	Carry out surface mining and quarrying activities using a water truck	3	10
1133	Process materials in a mobile screening plant	3	15

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 Surface Mining and Quarrying. These Special Arrangements are available from:

Industry Skills Committee - MQCEGWS
Rand Street
Komasdal
Namibia
Telephone number: 061-27 9550
Facsimile number: 061-27 9551
Email 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

Namibia Training Authority
Rand Street
Komasdal
Namibia
Telephone number: 061-27 9550
Facsimile number: 061-27 9551
Email 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.