

**National Vocational Certificate in Road Construction and Maintenance (Level 2)
(Concrete Operations - Labourer)**

level of qualification: 2
total credits: 80

	Compulsory	Elective
level 1 credits available	7	-
level 2 credits available	52	37
level 3 credits available	-	16
minimum totals required for whole qualification	59	21

registration date: 27 March 2013

scheduled review date: 2016

body responsible for the qualification: Roads Authority

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 Roads Authority to address the lack of adequately skilled human resources in road construction and maintenance. The intention of this qualification is to provide learners with the knowledge, understanding, skills and application techniques that they need to be successful in their work as qualified Labourer in Concrete Operations as part of Road Construction and Maintenance activities. It recognises people who have the competencies required for performing concrete operations as part of road construction and maintenance tasks.

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 ideally expected learners to have basic communication and numeracy skills.

This qualification represents a stage of progression to other National Vocational Certificates in Road Construction and Maintenance Level 2, 3 and 4.

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 section.

2.2 detailed qualification requirements

Compulsory Set

All the unit standards listed below are required.

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

Unit No.	Unit Standard Title	Level	Credit
704	Undertake road construction and maintenance tasks using hand tools	1	3
705	Batch and mix concrete by volume in road construction and maintenance operations	2	5
706	Demonstrate knowledge of internal disciplinary and grievance procedures in road construction and maintenance	2	3
708	Communicate in the road construction and maintenance industry operations	2	3
710	Undertake road construction and maintenance work using power tools and equipment	2	8
712	Comply with health, safety and environmental rules and regulations in road construction and maintenance work operations	2	6
713	Apply productivity principles in routine road construction and maintenance operations	2	5
714	Demonstrate fundamental knowledge of soils used in road construction and maintenance operations	2	5
807	Contribute to project outcomes as a team member in road construction and maintenance operations	2	2
809	Handle and store hazardous material on a road construction and maintenance site	2	3
1035	Demonstrate knowledge of basic road construction and maintenance works	2	4
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 21 credits is required from the following unit standards

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

Unit No.	Unit Standard Title	Level	Credit
720	Construct kerbs and channels using pre-cast products	2	10
721	Repair pre-cast concrete kerbs and channels on a road works construction site	2	5

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

Unit No.	Unit Standard Title	Level	Credit
821	Install pre-cast concrete pipes as part of road construction and maintenance	2	16

FIELD: PHYSICAL PLANNING AND CONSTRUCTION
 Subfield: General Construction
 Domain: Bricklaying and Plastering

Unit No.	Unit Standard Title	Level	Credit
16	Cast, finish and cure concrete	2	4
18	Carry out basic concreting	3	4
19	Carry out reinforced concrete work	3	4
24	Erect and dismantle scaffolding as part of bricklaying operations	3	4
25	Install and strip formwork for concrete slabs on ground and footings	3	4
31	Use concreting machine tools	2	2

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 Roads Construction and Maintenance. These Special Arrangements are available from:

Roads Technical Training Unit (RTTU)
 Private Bag 12030
 Windhoek
 Namibia
 Telephone number: 061-227818
 Facsimile number: 061-227818

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
Khomasdal
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.