

<b>National Vocational Certificate in Road Construction and Maintenance (Level 4) (Final Level Grader Operator)</b>
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**level of qualification:** 4

**credit total:** 175

	<b>Compulsory</b>
<b>level 1 credits:</b>	<b>4</b>
<b>level 2 credits:</b>	<b>47</b>
<b>level 3 credits:</b>	<b>74</b>
<b>level 4 credits:</b>	<b>50</b>
<b>minimum total:</b>	<b>175</b>

**registration date:** 27 March 2013

**scheduled review date:** 2017

**body responsible for the qualification:**

Road Authority as part of the Mining, Quarrying, Construction, Electricity Gas, Water Supply, and Sanitation Industry Skills Committee of the Namibia Training 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. It recognises people who have the competencies required for processing and cutting base material to final levels with a motor grader prior to the application of a bitumen surface in road construction and maintenance.

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.

Some of the unit standards making up this qualification require a valid driving licence *Code CE* or equivalent.

**outcome for whole qualification**

Holders of this qualification are able, through the safe and efficient use of a motor grader, able to mix and shape base materials to final levels as per contract specifications and for the application of a bitumen surface in road construction and maintenance.

## 2 regulations for the qualification

### 2.1 summary of qualification requirements

This qualification will be awarded to people who meet the requirements of the Compulsory Section.

### 2.2 detailed qualification requirements

#### Compulsory Section

*All the following unit standards 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
707	Maintain records in road construction and maintenance site operations	2	5
711	Carry out basic measurements and calculations for road construction and maintenance	2	8
712	Comply with health, safety and environmental rules and regulations in road construction and maintenance work operations	2	6
714	Demonstrate fundamental knowledge of soils used in road construction and maintenance operations	2	5
715	Demonstrate knowledge of plant used in road construction and maintenance	2	8
716	Request materials, tools and equipment in road construction and maintenance operations	3	8
808	Establish customer relations in the community pertaining road construction maintenance operations	2	2
828	Lead a team to achieve the required project outcome in road construction and maintenance operations	3	4
1043	Extinguish fire by means of basic fire fighting equipment	1	4
1044	Read and interpret working drawings and specifications as part of road construction and maintenance operations	2	5

Domain: Road Construction and Maintenance – Machine Operations

Unit No.	Unit Standard Title	Level	Credit
1022	Carry out activities in road construction and maintenance using a grader	3	32
1135	Process layer materials in road construction using a grader	3	30
1136	Grade and cut base material to final levels using a grader	4	50

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

Domain: HIV and AIDS Awareness

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

Providers wishing to offer training and/or assessment related to the unit standards included in this qualification must be Registered and Accredited by the relevant authorities.

- 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](mailto: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](mailto:info@nta.com.na)

## **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.