

<b>National Vocational Certificate in Civil and Building Services Engineering (Bricklaying and Plastering) (Level 3)</b>
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**Level of qualification: 3**

**Total credits available: 102**

**Total credits required: 102**

	<b>Compulsory</b>	<b>Elective</b>
<b>Level 3 credits available</b>	<b>102</b>	<b>-</b>
<b>Minimum totals required</b>	<b>102</b>	<b>-</b>

**Registration date:** 28 March 2018

**Scheduled review date:** 2023

**Body responsible for the qualification:** Namibia Training Authority through the Mining Quarrying, Construction, Electricity, Gas, Water Supply and Sanitation Industry Skills Committee.

**Other bodies whose unit standards are included in the qualification:** None

## **1 Purpose**

This qualification recognises people who have the competencies required for performing bricklaying and plastering tasks. It is awarded to people who have demonstrated the skills and knowledge required to perform a range of bricklaying and plastering tasks, including constructing arches, masonry steps and stairs and curved walls; carry out reinforced concrete work; laying stones; lay wall and floor tiles; plaster/rendering large areas of walls and ceilings; Develop innovative ideas; and calculate quantity of building materials; provide general First Aid; ensure own actions reduce risk to health and safety; demonstrate responsibility within the workplace to protect the environment; identify, create and select business opportunities; develop a business plan as part of business start-up activities.; apply knowledge of basic mathematics; fundamental building science; building drawings in different contexts.

The entry requirement for this qualification is the National Vocational Certificate in Civil and Building Services Engineering (Bricklaying and Plastering) (Level 2) or equivalent.

The main focus is on the outcomes of this qualification, not the how, when and where learning occurred. Some people applying to do 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.

This qualification leads to the National Vocational Certificate in Civil and Building Services Engineering (Bricklaying and Plastering) (Level 4).

## 2 Regulations for the qualification

### 2.1 Summary of qualification requirements

This qualification will be awarded to people who are credited with **102** credits and have met the requirements of the compulsory sections, as well as all requirements for Workplace Integrated Learning (WIL) as laid out in the National Policy On Work-Integrated Learning for Technical and Vocational Education and Training (TVET).

### 2.2 Detailed qualification requirements

#### Compulsory

*All the unit standards listed below are required.*

**FIELD:** Physical Planning and Construction

**Subfield:** Civil and Building Services Engineering

**Domain:** Bricklaying and Plastering

Unit ID	Unit Standard Title	Level	Credits
19	Carry out reinforced concrete work	3	8
21	Construct masonry arches	3	8
22	Construct masonry curved walls	3	4
23	Construct masonry stairs and steps	3	4
28	Lay stone	3	4
29	Lay wall and floor tiles	3	4
30	Use machine tools, plants and equipment	3	2
32	Plaster / render wall and ceiling areas	3	8
33	Develop innovative ideas for the bricklaying workplace	3	8
1790	Estimate construction costs	3	5

#### AND

**FIELD:** Health Sciences and Social Science

**Subfield:** Core Health

**Domain:** First Aid

Unit ID	Unit Standard Title	Level	Credits
844	Provide general First Aid	3	4

**AND****FIELD:** Health Sciences and Social Services**Subfield:** Preventative Health**Domain:** Occupational Health and Safety

Unit ID	Unit Standard Title	Level	Credits
846	Ensure own actions reduce risk to health and safety	3	3
847	Demonstrate responsibility within the workplace to protect the environment	3	5

**AND****FIELD:** Business, Commerce and Management Studies**Subfield:** Business Development**Domain:** Entrepreneurship

Unit ID	Unit Standard Title	Level	Credits
733	Identify, create and select business opportunities	3	5
734	Develop a business plan as part of business start-up activities	3	12

**AND****FIELD:** Physical, Mathematical and Computer Science**Subfield:** Numeracy**Domain:** Foundation Numeracy Skills

Unit ID	Unit Standard Title	Level	Credits
891	Apply knowledge of basic mathematics in different context	3	6

**AND****FIELD:** Physical, Planning and Construction**Subfield:** Building Science and Drawing**Domain:** Foundation Building Science and Drawing Skills

Unit ID	Unit Standard Title	Level	Credits
898	Apply knowledge fundamental building science in different context	3	6
904	Apply fundamental knowledge of building drawing in different contexts	3	6

### 3 Credit recognition and transfer arrangements

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

### 4 Special arrangements

4.1 Providers seeking registration and/or accreditation to deliver this qualification must meet the following special arrangements.

4.1.1 This qualification will be offered to trainees **either** including a 6 months' period of **industrial/job attachment**, **or** as an **apprenticeship scheme** of a duration determined and agreed upon by the employer and the training provider on a ratio of 70/30 (70% at workplace and 30% at Training institution) basis.

**Industrial/job attachment** is defined as a period in a workplace setting where a trainee obtains structured practical experience in a specific occupation in order to complement competencies acquired during training at a technical vocational training provider (TVTP).

**Apprenticeship** refers to the system of work integrated learning, where an apprentice is employed by a company on contractual basis, earning a monthly salary, learning and working side-by-side with an experienced mentor.

In this case the employer must be an NTA approved entity (company) to register apprentices and has to identify a suitable training provider to provide the apprentice with the opportunity to gain skills and knowledge from theoretical training.

Employers and training providers are encouraged to consult the **National Policy On Work-Integrated Learning (WIL) for Technical and Vocational Education and Training (TVET)** Sector for further details on WIL implementation.

4.1.2 Providers involved in the assessment of this qualification and the associated unit standards must comply with the national assessment framework for the TVET system up to and including level 5 of the National Qualifications Framework. Assessment will include performance and achievement assessment acquired through work integrated learning periods.

Assessment arrangements apply to all occupations and industries which are encompassed in the technical vocational education and training sector.

4.1.3 Providers of this qualification and the associated unit standards must be registered and/or accredited.

4.1.4 Providers of this qualification and their associated unit standards must have access to all equipment and facilities detailed in the tools and equipment list of the relevant training program.

4.2 Competencies covered in this qualification may be assessed through Recognition of Prior Learning (RPL).

4.3 Further relevant information and documentation may be accessed through:

Namibia Training Authority  
10 Rand Street  
Komasdal  
Namibia  
Telephone number: 061 207 8550  
Facsimile number: 061 207 8551

## **5 Transition arrangements**

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

None.

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

#### **Version 2**

This qualification was updated and issued as Version 2 in 2018.

Version 1 of this qualification will not be awarded as from 31 December 2020. People currently working towards Version 1 of this qualification are advised to transfer their existing credit awards to this version of the qualification at any time during 2019 and beyond.

People holding the earlier version of this qualification will continue to have their qualification recognised with the Bricklaying and Plastering industry in terms of meeting relevant career and further learning entry and/or progression requirements.