

National Vocational Certificate in Civil and Building Services Engineering (Plumbing) (Level 1)
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NQF Level of qualification: 1

Total credits available: 84

Total credits required: 84

	Compulsory	Elective
level 3 credits available	6	-
level 2 credits available	9	-
level 1 credits available	69	-
minimum totals required	84	-

Registration date: 31 May 2018

Scheduled review date: 2023

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

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

1 purpose

This qualification recognises people who have the competencies required for performing basic plumbing tasks. It is awarded to people who have demonstrated the skills and knowledge required to apply occupational health and safety in working environment, use and maintain hand tools used in plumbing operations, handle and store plumbing materials, read and produce basic sketches and drawings used in plumbing operations, carry out basic excavation and backfilling as part of plumbing operations, perform basic estimations, measurements and calculations as part of plumbing operations, plan and organise plumbing work, perform basic pipe-work as part of plumbing operations, carry out maintenance of domestic plumbing installations, install and adjust water service controls and devices, install and fit sanitary fixtures as part of plumbing operations. They further have a good understanding of demonstrating basic awareness of HIV and AIDS, provide basic first aid, apply basic numeracy skills in workplace environment, apply basic reading skills in a workplace environment, interact with others in a workplace environment, use workplace documents, apply basic entrepreneurship skills, apply knowledge of basic building drawing in different contexts, demonstrate basic knowledge of workplace health and safety and apply fundamental computer literacy skills.

This qualification leads to the National Vocational Certificate in Civil and Building Services Engineering (Plumbing) (Level 2).

2 regulations for the qualification

2.1 summaries of qualification requirements

The entry requirement for this qualification is the ability to demonstrate basic communication skills in English language and numeracy

This qualification will be awarded to people who are credited with 84 credits and have met the requirements of the compulsory sections as well as all the requirements for Workplace Integrated Learning (WIL) as laid out in the National Policy on Work-Integrated Learning for Technical 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: Plumbing

Unit No.	Unit Standard Title	Level	Credit
434	Apply Occupational Health and Safety in Working Environment	1	2
435	Use and maintain hand tools used in plumbing operations	1	2
436	Handle and store plumbing materials	1	2
437	Read and produce basic sketches and drawings used in plumbing operations	1	2
1912	Carry out basic excavation and backfilling as part of plumbing operations	2	4
439	Perform basic estimations, measurements and calculations as part of plumbing operations	1	2
440	Plan and organise plumbing work	1	2
444	Perform basic pipe-work as part of plumbing operations	1	4
445	Carry out maintenance of domestic plumbing installations	1	6
456	Install and adjust water service controls and devices	2	5
467	Install and fit sanitary fixtures as part of plumbing operations	3	6

AND

FIELD: Health Sciences and Social Services
 Subfield: Core Health
 Domain: HIV and AIDS awareness

Unit No.	Unit Standard Title	Level	Credit
1155	Demonstrate Basic Awareness of HIV and AIDS	1	6

AND

FIELD: Health Sciences and Social Services
 Subfield: Core Health
 Domain: First Aid

Unit No.	Unit Standard Title	Level	Credit
843	Provide Basic First Aid	1	3

AND

FIELD: Physical, Mathematical and Computer Studies
 Subfield: Numeracy
 Domain: Foundation Numeracy Skills

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

AND

FIELD: Communication Studies and Languages
 Subfield: Communication Skills
 Domain: Foundation Communication Skills

Unit No.	Unit Standard Title	Level	Credit
1150	Apply basic reading skills in a workplace environment	1	3
1151	Interact with others in a workplace environment	1	5
1152	Use workplace documents	1	5

AND

FIELD: Financial and Business Services
 Subfield: Business Development
 Domain: Entrepreneurship

Unit No.	Unit Standard Title	Level	Credit
1158	Apply basic entrepreneurship skills	1	5

AND

FIELD: Health Sciences and Social Services
 Subfield: Preventive health
 Domain: Occupational Health and Safety

Unit No.	Unit Standard Title	Level	Credit
1157	Demonstrate basic knowledge of workplace health and safety	1	7

AND

FIELD: Physical, Mathematical and Computer Studies
 Subfield: Information Communication Technology
 Domain: Computing Fundamentals

Unit No.	Unit Standard Title	Level	Credit
1156	Apply fundamental computer literacy skills	1	8

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 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.

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

4.1.3 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

Rand Street

Khomasdal

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 within the Civil and Building Services Engineering Industry (Plumbing) in terms of meeting relevant career and further learning entry and/or progression requirements.