

National Vocational Certificate in Air conditioning and Refrigeration (Level 1)
--

Level of qualification: 1

Total credits available: 71

Total credits required: 71

	Compulsory	Elective
Level 1 credits available	71	-
Minimum totals required	71	-

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 recognizes people who have the competencies required for performing basic air conditioning and refrigeration tasks. It is awarded to people who have demonstrated the skills and knowledge required in fundamentals of physics related to Air conditioning and Refrigeration, apply health and safety routines in an air conditioning and refrigeration workplace; plan, organize and complete work in an air conditioning and refrigeration work environment; use and maintain air conditioning and refrigeration tools and equipment; fabricate tubing for air condition and refrigeration systems; replace domestic compressors.

This qualification is designed to be accessible and flexible. There are no entry requirements for this qualification.

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 articulates to the National Vocational Certificate in Air conditioning and Refrigeration (Level 2).

2. Regulations for the qualification

2.1 Summary of qualification requirements

This qualification will be awarded to people who are credited with **71** credits and have met the requirements of the compulsory sections.

2.2 Detailed qualification requirements

Compulsory

All the unit standards listed below are required.

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

Unit No.	Unit Standard Title	Level	Credits
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: Physical, Mathematical and Computer Studies
Subfield: Numeracy
Domain: Foundation Numeracy Skills

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

AND

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

Unit No.	Unit Standard Title	Level	Credits
1155	Demonstrate basic awareness of HIV and AIDS	1	6

AND

FIELD: Computer Studies
Subfield: Numeracy
Domain: Computing Foundation Skills

Unit ID	Unit Standard Title	Level	Credits
1156	Apply fundamental computer literacy skills	1	8

AND

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

Unit ID	Unit Standard Title	Level	Credits
843	Provide basic first aid	1	3

AND

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

Unit ID	Unit Standard Title	Level	Credits
1158	Apply basic entrepreneurship skills	1	5

AND

FIELD: Manufacturing, Engineering and Technology
Subfield: Mechanical Engineering
Domain: Occupational Health and Safety

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

AND

FIELD: Manufacturing, Engineering and Technology
Subfield: Mechanical Engineering
Domain: Air conditioning and Refrigeration

Unit No.	Unit Standard Title	Level	Credits
1706	Demonstrate knowledge on fundamentals of physics related to Air Conditioning and Refrigeration	1	6
567	Apply health and safety routines in an air conditioning and refrigeration workplace	1	2
569	Plan, organize and complete work in an air conditioning and refrigeration work environment	1	2
570	Use and maintain air conditioning and refrigeration tools and equipment	1	5
572	Fabricate tubing for air condition and refrigeration systems	1	6
573	Replace domestic compressors as part of refrigeration operations	1	3

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

Providers seeking accreditation to deliver this qualification must meet the following special arrangements.

1. Providers involved in the assessment of this qualification and the associated unit standards must comply with the national assessment arrangements for the VET system up to and including level 5 of the Namibia Qualifications Framework. These arrangements apply to all occupations and industries, including Air Conditioning and Refrigeration, which are encompassed in the vocational education and training sector. A copy of the national assessment arrangements is available from:

Namibia Training Authority

Rand Street

Khomasdal

Namibia

Telephone number: 207 8550

Facsimile number: 207 8551

Email info@nta.com.na

2. Providers of this qualification and the associated unit standards must be accredited.
3. Providers of this qualification and the associated unit standards must have access to all equipment and facilities detailed in the Special Notes and / or Range Statements in the unit standards that comprise this qualification.
4. Providers in receipt of funding through the NTA to deliver this qualification must use the national curriculum and training materials developed by the NTA for the National Vocational Certificate in Air conditioning and Refrigeration (Level 1)

5. The national curriculum and training materials for this qualification are available from:

Namibia Training Authority

Rand Street

Khomasdal

Namibia

Telephone number: 207 8550

Facsimile number: 207 8551

Web: www.nta.com.na

5. Transitions arrangements**5.1 Non National Qualifications Framework transition**

None.

5.2 National Qualifications Framework transition

This is the second version of this qualification.