

National Vocational Certificate in Facility Maintenance (Facility Maintenance Worker) (Level 2)
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NQF Level of qualification: 2

Total credits available: 96 - 108

Total Credits Required: 96

	Compulsory	Elective
level 1 credits:	40	6
level 2 credits:	50	12
minimum totals required	90	6 - 18

Registration date: 13 June 2019

Scheduled review date: 2024

Body responsible for the qualification: Namibia Training Authority

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

1 Purpose

This qualification recognises people who have the competencies required facility maintenance (facility maintenance worker). It is awarded to people who cut and sew canvas and acrylics; implement work activities as part of a maintenance plan; handle and store plumbing materials; perform basic estimations, measurements and calculations as part of plumbing operations; work safely on scaffolding, work platforms and ladders as part of plumbing operations; perform basic pipe-work as part of plumbing operations; carry out basic maintenance of domestic plumbing installations; select material for product; construct products; weld mild steel using the manual arc welding process in down hand position; perform basic estimations, measurements and calculations as part of metal fabrication operations; perform basic estimations, measurements and calculations for bricklaying operations; carry out basic excavation as part of bricklaying operations; build a straight brick wall; cast, finish and cure concrete; perform basic plastering and rendering; use and maintain hand and power farm tools. Clean and finish the interior, exterior and components of an automobile; clean air-conditioning system components; implement work activities as part of a maintenance plan; maintain solar thermal and photovoltaic system; operate simple irrigation systems; carry out basic repair and maintenance of farm vehicles, tractors and stationary engines.

They further have a good understanding of providing basic first aid; demonstrating basic awareness of HIV and AIDS; demonstrating basic knowledge of workplace health and safety as well as applying basic entrepreneurship skills.

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

This qualification leads to the National Vocational Certificate in Facility Maintenance (Facility Maintenance Technician) Level 3.

Training programme developers are urged to adequately address the issue of environmental sustainability throughout their programme. Environmental sustainability, in the context of Facility Maintenance Operations, may include but is not limited to conserve energy, eliminate or minimise waste and pollution, and to create awareness of renewable resources.

2. Regulations for the qualification

2.1 Summary of qualification requirements

This qualification will be awarded to people who are credited with 96 credits and have met the requirements of both the compulsory and elective 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

Credits for *all the unit standards listed below are required.*

FIELD: SERVICES AND LIFE SCIENCES
Subfield: Facility Maintenance
Domain: Maintenance Operations

Unit ID	Unit Standard Title	Level	Credit
1936	Cut and sew canvas and acrylics	2	10
1939	Implement work activities as part of a maintenance plan	2	4

AND**FIELD:** PHYSICAL PLANNING AND CONSTRUCTION**Subfield:** General Construction**Domain:** Plumbing

Unit ID	Unit Standard Title	Level	Credit
436	Handle and store plumbing materials	1	2
439	Perform basic estimations, measurements and calculations as part of plumbing operations	1	2
443	Work safely on scaffolding, work platforms and ladders as part of plumbing operations	2	2
444	Perform basic pipe-work as part of plumbing operations	1	4
445	Carry out basic maintenance of domestic plumbing installations	1	6

AND**FIELD:** PHYSICAL PLANNING AND CONSTRUCTION**Subfield:** General Construction**Domain:** Carpentry

Unit ID	Unit Standard Title	Level	Credit
1575	Select material for product	1	3
1576	Construct products	1	6

AND**FIELD:** MANUFACTURING, ENGINEERING AND TECHNOLOGY**Subfield:** Mechanical Engineering**Domain:** Metal Fabrication - Core

Unit ID	Unit Standard Title	Level	Credit
236	Weld mild steel using the manual arc welding process in down hand position	2	6
237	Perform basic estimations, measurements and calculations as part of metal fabrication operations	2	4

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

Unit ID	Unit Standard Title	Level	Credit
8	Perform basic estimations, measurements and calculations for bricklaying operations	2	2
10	Carry out basic excavation as part of bricklaying operations	2	4
14	Build a straight brick wall	2	8
16	Cast, finish and cure concrete	2	4
17	Perform basic plastering and rendering	2	4

AND**FIELD:** AGRICULTURE AND NATURE CONSERVATION**Subfield:** Machinery and Equipment**Domain:** Operate Machinery, Tools and Equipment

Unit ID	Unit Standard Title	Level	Credit
1381	Use and maintain hand and power farm tools	2	2

AND**FIELD:** HEALTH SCIENCES AND SOCIAL SERVICES**Subfield:** Core Health**Domain:** First Aid

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

AND**FIELD:** HEALTH SCIENCES AND SOCIAL SERVICES**Subfield:** Core Health**Domain:** HIV and AIDS Awareness

Unit ID	Unit Standard Title	Level	Credit
1155	Demonstrate basic awareness of HIV and AIDS	1	2

AND**FIELD:** HEALTH SCIENCES AND SOCIAL SERVICES**Subfield:** Preventive Health**Domain:** Occupational Health and Safety

Unit ID	Unit Standard Title	Level	Credit
1157	Demonstrate basic knowledge of workplace health and safety	1	7

AND**FIELD:** BUSINESS, COMMERCE AND MANAGEMENT STUDIES**Subfield:** Business Development**Domain:** Entrepreneurship

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

Elective Section*Any two (2) of the following unit standards is required***FIELD:** MANUFACTURING, ENGINEERING AND TECHNOLOGY**Subfield:** Automotive Engineering**Domain:** Automotive Mechanics

Unit ID	Unit Standard Title	Level	Credit
70	Clean and finish the interior, exterior and components of an automobile	1	3

FIELD: SERVICES AND LIFE SCIENCES**Subfield:** Facility Maintenance**Domain:** Maintenance Operations

Unit ID	Unit Standard Title	Level	Credit
1935	Clean air-conditioning system components	1	3
1940	Maintain solar thermal and photovoltaic system	2	5

FIELD: AGRICULTURE AND NATURE CONSERVATION**Subfield:** Machinery and Equipment**Domain:** Operate Machinery, Tools and Equipment

Unit ID	Unit Standard Title	Level	Credit
1380	Operate simple irrigation systems	2	3

FIELD: AGRICULTURE AND NATURE CONSERVATION
Subfield: Machinery and Equipment
Domain: Repairs and Maintenance

Unit ID	Unit Standard Title	Level	Credit
1384	Carry out basic repair and maintenance of farm vehicles, tractors and stationary engines	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

4.1 Providers seeking registration and/or accreditation to deliver this qualification and the associated unit standards 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

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

This is the first version of this qualification.