

National Vocational Certificate in Facility Maintenance (Facility Maintenance Technician) (Level 3)
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NQF Level of qualification: 3

Total credits available: 89 - 151

Total Credits Required: 89

	Compulsory	Elective
level 1 credits:	4	6
level 2 credits:	16	26
level 3 credits:	49	50
minimum totals required	69	20 - 82

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 Technician). It is awarded to people who prepare surfaces for painting; demonstrate knowledge of carrying out maintenance operations in a client's environment; prime and paint surfaces; maintain the grounds in a hospitality establishment; establish and maintain garden areas in a hospitality environment; extinguish fire by means of basic firefighting equipment; carry out basic repair and maintenance of farm vehicles, tractors and stationary engines; apply safety rules and regulations in an electrical environment; install electrical fixtures and accessories; maintain portable appliances and fixed equipment; install and replace timber windows and doors; perform basic sheet metal work as part of plumbing operations; set out and install water services; install below ground sanitary drainage systems as part of plumbing operations; install gutters and downpipes; install and fit sanitary fixtures as part of plumbing operations; carry out basic leveling as part of bricklaying operations; carry out basic setting out as part of bricklaying operations; carry out basic concreting; install door and window frames as part of bricklaying operations; lay paving; lay stone; lay wall and floor tiles; carry out basic repair and maintenance of water infrastructure and pumps on the farm.

The entry requirement for this qualification is the National Vocational Certificate in Facility Maintenance (Facility Maintenance Worker) (Level 2).

They further have a good understanding of identifying, creating and selecting business opportunities as well as developing a business plan as part of business start-up activities.

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 89 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
1937	Prepare surfaces for painting	2	10
1938	Demonstrate knowledge of carrying out maintenance operations in a client's environment	2	2
1941	Prime and paint surfaces	3	15

AND

FIELD: SERVICES AND LIFE SCIENCES

Subfield: Hospitality and Tourism

Domain: Housekeeping Operations

Unit ID	Unit Standard Title	Level	Credit
285	Maintain the grounds in a hospitality establishment	3	8
286	Establish and maintain garden areas in a hospitality environment	3	6

AND

FIELD: PHYSICAL PLANNING AND CONSTRUCTION

Subfield: Road Construction and Maintenance

Domain: Road Construction and Maintenance - Core

Unit ID	Unit Standard Title	Level	Credit
1043	Extinguish fire by means of basic firefighting equipment	1	4

AND

FIELD: AGRICULTURE AND NATURE CONSERVATION

Subfield: Machinery and Equipment

Domain: Operate Machinery, Tools and Equipment

Unit ID	Unit Standard Title	Level	Credit
1384	Carry out basic repair and maintenance of farm vehicles, tractors and stationary engines	2	4

AND

FIELD: MANUFACTURING, ENGINEERING AND TECHNOLOGY

Subfield: Electrical Engineering

Domain: Electrical Installation

Unit ID	Unit Standard Title	Level	Credit
1219	Apply safety rules and regulations in an electrical environment	3	3

AND

FIELD: BUSINESS, COMMERCE AND MANAGEMENT STUDIES

Subfield: Business Development

Domain: Entrepreneurship

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

Elective Section

Any five (5) of the following unit standards is required.

FIELD: MANUFACTURING, ENGINEERING AND TECHNOLOGY

Subfield: Electrical Engineering

Domain: Electrical Installation

Unit ID	Unit Standard Title	Level	Credit
1225	Install electrical fixtures and accessories	3	4
1226	Maintain portable appliances and fixed equipment	3	8

FIELD: MANUFACTURING, ENGINEERING AND TECHNOLOGY

Subfield: Manufacturing

Domain: Joinery and Cabinet Making

Unit ID	Unit Standard Title	Level	Credit
409	Install and replace timber windows and doors	2	7

FIELD: PHYSICAL PLANNING AND CONSTRUCTION

Subfield: General Construction

Domain: Plumbing

Unit ID	Unit Standard Title	Level	Credit
442	Perform basic sheet metal work as part of plumbing operations	1	6
458	Set out and install water services	2	6
463	Install below ground sanitary drainage systems as part of plumbing operations	3	4
466	Install gutters and downpipes	3	4
467	Install and fit sanitary fixtures as part of plumbing operations	3	6

FIELD: PHYSICAL PLANNING AND CONSTRUCTION

Subfield: General Construction

Domain: Bricklaying and Plastering

Unit ID	Unit Standard Title	Level	Credit
9	Carry out basic leveling as part of bricklaying operations	2	4
11	Carry out basic setting out as part of bricklaying operations	2	4

18	Carry out basic concreting	3	4
26	Install door and window frames as part of bricklaying operations	3	4
27	Lay paving	3	4
28	Lay stone	3	4
29	Lay wall and floor tiles	3	8

FIELD: AGRICULTURE AND NATURE CONSERVATION

Subfield: Infrastructure

Domain: Water Supplies

Unit ID	Unit Standard Title	Level	Credit
1345	Carry out basic repair and maintenance of water infrastructure and pumps on the farm	2	5

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.