

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

credit total: 83 - 100

	Compulsory	Elective
level 1 credits available	4	6
level 2 credits available	13	23
level 3 credits available	49	59
minimum totals required	66	17 - 34

registration date:

scheduled review date:

body responsible for the qualification: Namibia Training Authority (NTA)

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

1 purpose

This Qualification has been developed to assist with the advancement of people who wish to gain paid employment and further their career in Facility Maintenance operations. The intention of this qualification is to assist;

- Those who have been in the workplace for a long time, by using the recognition of prior learning process to assess and recognise workplace skills acquired without the benefit of formal education and training;
- New entrants, by describing the learning outcomes required to participate effectively, e.g. in a structured workplace programme
- Education and training providers, by providing guidance for the development of appropriate learning programmes and assessment documentation;
- Employers, by enabling skills gaps to be identified and addressed ensuring that productivity levels are increased and business objectives achieved.

Training programmes leading to the award of this qualification will assist in addressing the on-going demand for qualified facility maintenance technicians in Namibia by equipping learners with;

(i) General employability skills related to:

- Entrepreneurship
- Basic Fire Fighting; and

(ii) Occupational skills related to:

- Housekeeping operations;
 - *Performing grounds maintenance*
 - *Cleaning exterior areas, and*

- *Establishing and maintaining garden areas*
- Maintenance operations;
 - *Preparing surfaces for painting*
 - *Priming surfaces for painting*
 - *Painting surfaces*

AND ANY FIVE (5) OF THE FOLLOWING:

- Electrical installation operations;
 - *Mounting fixtures and accessories*
 - *Assessing condition of appliances and equipment*
 - *Replacing faulty components*
- Maintenance operations;
 - *Maintaining pumps, filters and controls*
 - *Carrying out generator maintenance checks*
- Bricklaying and Plastering operations;
 - *Using levelling devices*
 - *Setting out building lines*
 - *Erecting and stripping simple formwork*
 - *Placing and tying reinforcement*
 - *Placing concrete*
 - *Installing window and door frames*
 - *Laying pavers and stones*
 - *Laying wall and floor tiles*
- Plumbing operations;
 - *Marking out and cutting sheet metal*
 - *Shaping sheet metal*
 - *Forming and making joints*
 - *Setting out water services*
 - *Installing and testing pipe services*
 - *Installing sanitary drainage system*
 - *Mounting gutters and down pipes*
 - *Mounting sanitary fixtures*
- Automotive Mechanics operations
 - *Servicing cooling system*
 - *Remove, repair and replace faulty exhaust components*
 - *Check and maintain fluid levels*
 - *Lubricate vehicle components*

As a result, this qualification provides opportunities for paid employment acting as a reward for contributions to society by facilitating social and economic transformation, empowerment and general upliftment of the Facility Maintenance industry and country in general.

This qualification allows to progress vertically to the National Vocational Certificate in Hospitality and Tourism (Level 4) (Lodge, Camp and Guesthouse Operations) and it provides opportunities to progress horizontally for further specialisation in other occupational areas such as plumbing, electrical installation, and bricklaying and plastering.

2 regulations for the qualification

2.1 summary of qualification requirements

This qualification will be awarded to people who are credited with the requirements of the compulsory section.

2.2 detailed qualification requirements

Compulsory Set

All the unit standards listed below are required

FIELD: SERVICES AND LIFE SCIENCES
Subfield: Hospitality and Tourism
Domain: Housekeeping Operations

Unit No.	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

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

Unit No.	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

FIELD: PHYSICAL PLANNING AND CONSTRUCTION
Subfield: Road Construction and Maintenance
Domain: Road Construction and Maintenance - Core

Unit No.	Unit Standard Title	Level	Credit
1043	Extinguish fire by means of basic fire fighting equipment	1	4

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

Unit No.	Unit Standard Title	Level	Credit
NEW – FM004	Demonstrate knowledge of carrying out maintenance operations in a client's environment	2	3
NEW – FM001	Prime and paint surfaces	3	15
NEW – FM003	Prepare surfaces for painting	2	10

FIELD: MANUFACTURING, ENGINEERING AND TECHNOLOGY
Subfield: Electrical Engineering
Domain: Electrical Installation

Unit No.	Unit Standard Title	Level	Credit
1219	Apply safety rules and regulations in an electrical environment	3	3

Elective Set

Any five (5) of the following unit standards are required

FIELD: MANUFACTURING, ENGINEERING AND TECHNOLOGY
Subfield: Electrical Engineering
Domain: Electrical Installation

Unit No.	Unit Standard Title	Level	Credit
1225	Install electrical fixtures and accessories	3	4
1226	Maintain portable appliances and fixed equipment	3	8

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

Unit No.	Unit Standard Title	Level	Credit
NEW - FM008	Maintain pumps	3	5
NEW – FM009	Maintain generators	3	4

FIELD: PHYSICAL PLANNING AND CONSTRUCTION
Subfield: General Construction

Domain: Bricklaying and Plastering

Unit No.	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: PHYSICAL PLANNING AND CONSTRUCTION
Subfield: General Construction
Domain: Plumbing

Unit No.	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: MANUFACTURING, ENGINEERING AND TECHNOLOGY
Subfield: Automotive Engineering
Domain: Automotive Mechanics

Unit No.	Unit Standard Title	Level	Credit
79	Service motor vehicle cooling system	2	3
81	Service a motor vehicle exhaust system	2	3
84	Perform lubrication service on a vehicle	2	3

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 wishing to offer training and/or assessment linked to any or all of the unit standards making up this qualification are strongly urged to seek and obtain Registration and Accreditation to do so from the relevant authorities in Namibia.

4.2 Special Arrangements may apply to the accreditation of providers offering learning pathways to and/or undertaking assessment relating to all unit standards listed in this qualification in other Subfields and Domains. These Special Arrangements are available from:

Namibia Qualifications Authority
44 Bismarck St.
Windhoek
Namibia
Telephone number: 061-384116
Facsimile number: 061-384114
Email: info@namqa.org

Namibia Training Authority
Rand Street
Komasdal
Namibia
Telephone number: 061-27 9550
Facsimile number: 061-27 9551
Email info@nta.com.na

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.