



Maldives National Skills Development Authority



National Competency Standard for Gardening

Standard Code: FNA04S15V1

Qualification Name: National Certificate III in Gardening
Qualification Code: FNA04SQ1L315

PREFACE

Technical and Vocational Education and Training (TVET) Authority was established with the vision to develop a TVET system in the Maldives that is demand driven, accessible, beneficiary financed and quality assured, to meet the needs of society for stability and economic growth, the needs of Enterprise for a skilled and reliable workforce, the need of young people for decent jobs and the needs of workers for continuous mastery of new technology.

TVET system in the Maldives flourished with the Employment Skills Training Project (ESTP) funded by ADB with the objective of increasing the number of Maldivians, actively participating in the labor force, employed and self-employed. The Project supported expansion of demand driven employment-oriented skills training in priority occupations and to improve the capacity to develop and deliver Competency Based Skill Training (CBST). The project supported delivery of CBST programs to satisfy employer demand-driven needs. The National Competency Standards (NCS) provide the base for this training. Currently CBST is offered for five key sectors in the Maldives: Tourism, Fisheries and Agriculture, Transport, Construction and the Social sectors. These sectors are included as priority sectors that play a vital role in the continued economic growth of the country.

The NCS are developed in consultation with Employment Sector Councils representing employers. They are designed using a consensus format endorsed by the Maldives Qualifications Authority (MQA) to maintain uniformity of approach and the consistency of content amongst occupations. This single format also simplifies benchmarking the NCS against relevant regional and international standards. NCS specify the standards of performance of a competent worker and the various contexts in which the work may take place. NCS also describes the knowledge, skills and attitudes required in a particular occupation. They provide explicit advice to assessors and employers regarding the knowledge, skills and attitudes to be demonstrated by the candidates seeking formal recognition for the competency acquired following training or through work experience. By sharing this information, all participants in the training process have the same understanding of the training required and the standard to be reached for certification. Certification also becomes portable and can be recognized by other employers and in other countries with similar standards. NCS are the foundation for the implementation of the TVET system in Maldives. They ensure that all skills, regardless of where or how they were developed can be assessed and recognized. They also form the foundation for certifying skills in the Maldives National Qualification Framework (MNQF).

Technical Panel members		
Name	Designation	Company
Ali Amir	Director	Ministry of Fisheries & Agriculture
Adam Adheel	Assistant Horticulture Officer	Ministry of Fisheries & Agriculture
Ahmed Nadheem	-	Freelance
Muhsina Abdul Rahman	Assistant Director	Ministry of Environment
Zaneen	Manager	Aazco
Mohamed Rihwan	Assistant Director	Ministry of Fisheries & Agriculture
Fathimath Shaheen	-	Housing Ministry
Nujufa Adam	-	Housing Ministry
Developer		
TVET Authority	-	Ministry of Education

KEY FOR CODING

Coding Competency Standards and Related Materials

DESCRIPTION	REPRESENTED BY
Industry Sector as per ESC (Three letters)	Construction Sector (CON) Fisheries and Agriculture Sector (FNA) Transport sector (TRN) Tourism Sector (TOU) Social Sector (SOC) Foundation (FOU)
Competency Standard	S
Occupation with in a industry Sector	Two digits 01-99
Unit	U
Common Competency	1
Core Competency	2
Optional/ Elective Competency	3
Assessment Resources Materials	A
Learning Resources Materials	L
Curricula	C
Qualification	Q1, Q2 etc
MNQF level of Qualification	L1, L2 etc
Version Number	V1, V2 etc
Year of endorsement of standard, qualification	By two digits Example- 07

1. Endorsement Application for Qualification 01		
2. NATIONAL CERTIFICATE 3 in Gardening		
3. Qualification code: FNA03SQ2L315	Total Number of Credits :50	
4. Purpose of the qualification The holders of the level three qualifications will provides wide range of practical skills and supporting knowledge to manage and maintain public and private parks, reserves and gardens, natural bushland areas and community recreation area. Also, will have practical skills and supporting knowledge of design and implementation of special plant displays.		
5. Regulations for the qualification	National Certificate III in Gardening will be awarded to those who are competent in unit 1+2+3+4+5+6+7+8+9+1+11+12+13+14+15+16+17+18+19	
6. Schedule of Units		
Unit Title	Unit Title	Code
1	Meet workplace health and safety requirements	FNA03S1U01V1
2	Use hazardous substances safely	FNA03S1U02V1
3	Cooperate in the workplace	FNA03S1U03V1
4	Act in an emergency	FNA03S1U04V1
5	Soil – The foundation of a healthy garden	FNA03S1U05V1
6	Cultivate turf	FNA03S1U06V1
7	Basic gardening management	FNA03S1U07V1
8	Implement a landscape maintenance program	FNA03S1U08V1
9	Establish planted areas	FNA03S1U09V1
10	Operate irrigation systems	FNA03S1U10V1
11	Control weeds	FNA03S1U11V1
12	Control pests and diseases	FNA03S1U12V1
13	Propagate plants	FNA03S1U13V1
14	Provide information on plants, products and treatments	FNA03S1U14V1
15	Maintain an office	FNA03S1U15V1
16	Conduct operational inspection of park facilities	FNA03S1U16V1
17	Install and maintain interior plant displays	FNA03S1U17V1
18	Select chemicals and biological agents	FNA03S1U18V1
19	Implement occupational health & safety policies and guidelines (OHS Policies and guidelines)	FNA03S1U19V1
7. Accreditation	The training provider should have Horticultural workplace or	

requirements	similar training facility to provide the trainees the hands-on experience related to this qualification
8. Recommended sequencing of units	As appearing under the section 06

1. Endorsement Application for Qualification 2		
2. NATIONAL CERTIFICATE IV in Gardening and Landscaping		
3. Qualification code: FNA03SQ2L315	Total Number of Credits: 170	
4. Purpose of the qualification The holders of the level three qualifications will provide wide range of practical skills and supporting knowledge to manage and maintain public and private parks, reserves and gardens, natural bushland areas and community recreation area. Also, will have practical skills and supporting knowledge of design and implementation of special plant displays.		
5. Regulations for the qualification	National Certificate IV in Gardening and Landscaping will be awarded to those who are competent in unit 1+2+3+4+5+6+7+8+9+10+11+12+13+14 +15+16+17+18+19+20+21+22+23+24+25 +26+27+28+29+30	
6. Schedule of Units		
Unit No	Unit Title	Code
1	Meet workplace health and safety requirements	FNA03S1U01V1
2	Use hazardous substances safely	FNA03S1U02V1
3	Cooperate in the workplace	FNA03S1U03V1
4	Act in an emergency	FNA03S1U04V1
5	Soil – The foundation of a healthy garden	FNA03S1U05V1
6	Cultivate turf	FNA03S1U06V1
7	Basic gardening management	FNA03S1U07V1
8	Implement a landscape maintenance program	FNA03S1U08V1
9	Establish planted areas	FNA03S1U09V1
10	Operate irrigation systems	FNA03S1U10V1
11	Control weeds	FNA03S1U11V1
12	Control pests and diseases	FNA03S1U12V1
13	Propagate plants	FNA03S1U13V1
14	Provide information on plants, products and treatments	FNA03S1U14V1
15	Maintain an office	FNA03S1U15V1
16	Conduct operational inspection of park facilities	FNA03S1U16V1
17	Install and maintain interior plant displays	FNA03S1U17V1
18	Select chemicals and biological agents	FNA03S1U18V1
19	Implement occupational health & safety policies and guidelines (OHS Policies and guidelines)	FNA03S1U19V1
20	Implement a plant nutrition program	FNA03S2U20V1
21	Install irrigation systems	FNA03S2U21V1
22	Set out landscape works	FNA03S2U22V1

23	Supervise work site activities	FNA03S2U23V1
24	Undertake a site assessment	FNA03S2U24V1
25	Install concrete structures and features	FNA03S2U25V1
26	Install timber structures and features	FNA03S2U26V1
27	Install brick structures and features	FNA03S2U27V1
28	Install masonry structures and features	FNA03S2U28V1
29	Install metal structures and features	FNA03S2U29V1
30	Install water features	FNA03S2U30V1
7. Accreditation requirements		Select chemicals and biological agents
8. Recommended sequencing of units		Implement occupational health & safety policies and guidelines (OHS Policies and guidelines)

UNIT DETAILS

Unit	Unit Title	Code	Level	No of Credits
1	Meet workplace health and safety requirements	FNA03S1U01V1	3	2
2	Use hazardous substances safely	FNA03S1U02V1	3	2
3	Cooperate in the workplace	FNA03S1U03V1	3	2
4	Act in an emergency	FNA03S1U04V1	3	2
5	Soil – The foundation of a healthy garden	FNA03S1U05V1	3	2
6	Cultivate turf	FNA03S1U06V1	3	3
7	Basic gardening management	FNA03S1U07V1	3	2
8	Implement a landscape maintenance program	FNA03S1U08V1	3	3
9	Establish planted areas	FNA03S1U09V1	3	3
10	Operate irrigation systems	FNA03S1U10V1	3	3
11	Control weeds	FNA03S1U11V1	3	3
12	Control pests and diseases	FNA03S1U12V1	3	3
13	Propagate plants	FNA03S1U13V1	3	3
14	Provide information on plants, products and treatments	FNA03S1U14V1	3	3
15	Maintain an office	FNA03S1U15V1	3	2
16	Conduct operational inspection of park facilities	FNA03S1U16V1	3	3
17	Install and maintain interior plant displays	FNA03S1U17V1	3	3
18	Select chemicals and biological agents	FNA03S1U18V1	3	3
19	Implement occupational health & safety policies and guidelines (OHS Policies and guidelines)	FNA03S1U19V1	3	3
20	Implement a plant nutrition program	FNA03S2U20V1	4	9
21	Install irrigation systems	FNA03S2U21V1	4	9
22	Set out landscape works	FNA03S2U22V1	4	9
23	Supervise work site activities	FNA03S2U23V1	4	9
24	Undertake a site assessment	FNA03S2U24V1	4	12
25	Install concrete structures and features	FNA03S2U25V1	4	12
26	Install timber structures and features	FNA03S2U26V1	4	12
27	Install brick structures and features	FNA03S2U27V1	4	12
28	Install masonry structures and features	FNA03S2U28V1	4	12
29	Install metal structures and features	FNA03S2U29V1	4	12
30	Install water features	FNA03S2U30V1	4	12

Packaging of National Qualifications:

National Certificate in III Gardening will be awarded to those who are competent in units

1+2+3+4+5+6+7+8+9+10+11+12+13+14+15+16+17+18+19

Qualification Code: FNA03SQ1L315

National Certificate in IV Gardening and landscaping will be awarded to those who are competent in units

1+2+3+4+5+6+7+8+9+10+11+12+13+14+15+16+17+18+19+20+21+22+23+24+25+26+27
+28+29+30

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