



Maldives National Skills Development Authority



National Competency Standard for Boat Safety and Security

Standard Code: FNA-06L3-V1-24

Qualification Name: National Certificate III in Boat Safety and Security

FOREWORD

The pivotal role of the Maldives National Skills Development Authority (MNSDA) in meticulously implementing and expanding Technical and Vocational Education & Training (TVET) exemplifies the steadfast commitment of the Maldives to build a skilled and resilient workforce. This commitment is evident from the strategic formulation of National Standards and the establishment of a comprehensive framework for training and certification.

Under the Higher Education and Training Act 7/2021, the MNSDA assumes an instrumental role, reflecting the government's unwavering dedication to streamlining TVET policies and procedures. This includes the establishment of a robust system for accrediting and registering both Institution Based Training (IBT) and Employer Based Training (EBT) providers. The MNSDA's active involvement in conducting the National Apprenticeship Program (NAP), National Trade Testing and Certification (NTTC), and the issuance of National Certificates reflects a comprehensive approach to ensure elevated quality standards and competency within the workforce.

The National Competency Standards (NCS) revised through the Maldives Enhancing Employability and Resilience of Youth (MEERY) project accentuates the commitment to updating and sustaining contemporary skill sets aligned precisely with industry demands. Deliberate efforts to revise existing NCS, coupled with the development of curriculum, teaching materials, resource books, and logbooks, attest to our dedication to ensuring the ongoing relevance and currency of the TVET system in the Maldives.

The active engagement of Technical Panels and Employment Sector Councils in the NCS development and approval process, coupled with alignment to the Maldives National Qualification Framework (MNQF) and accreditation by the Maldives Qualifications Authority (MQA), certifies that the TVET system not only remains highly responsive but also ensures the quality standards demanded by industries. This approach enables the system to effectively meet the diverse needs of industries and adapt to the evolving economic landscape.


The collaborative development of the National Certificate III in Boat Safety and Security by the MNSDA, MEERY, and the Maldives Institute of Technology exemplifies the practical implementation of TVET initiatives. This training package represents a critical stride towards addressing the requisite skills while fostering opportunities to integrate sustainable economic development within the TVET framework.



Dr. Zahra Mohamed

Chief Executive Officer

Maldives National Skills Development Authority

EMPLOYMENT SECTOR COUNCILS			
#	Name	Designation	Organisation
01	Dr.Hussain Sinan	Director	Ministry of Fisheries and Ocean Resources
02	Ali Amir	Director	Ministry of Agriculture and Animal Welfare
03	Musthafa Abdul Gafoor	Senior Policy Officer	Ministry of Economic Development & Trade
04	Mifrah Naseem	General Manager- Sales and Marketing	MIFCO
05	Dr. Ahmed Riyaz Jauhary	Dean	College of Fisheries and Ocean Sciences
06	Adnan Ali	Industry Expert	-
07	Maizan Ahmed Manik	Industry Expert	-
08	Aishath Shazleena	HR Manager	Agro National Corporation Ltd (AgroNat)
09	Shakeeba Ali	Director General	Maldives National Skills Development Authority
National Occupational Standard has been endorsed by:			
 <p>Dr. Ahmed Riyaz Jauhary Chairperson Fisheries Sector Council</p> <p>Maldives National Skills Development Authority Umar Zahir Office Building, 5th Floor, Orchid Ma higun, HulhuMale' , Republic of Maldives.</p> <p>Date of Endorsement: 09/10/2024</p>			

TECHNICAL SUPPORT			
#	Name	Designation	Organisation
01			
02			

TECHNICAL PANEL MEMBERS			
#	Name	Designation	Organisation
01	Dr. Ahmed Riyaz Jauharee	Dean	College of Fisheries and Ocean Sciences
02	Ahmed Shaafiu	Deputy Minister	Ministry of Fisheries and Ocean Resources
03	Zoona Naseem	Managing Director	Moodhu Bulhaa Dive Center
04	Dr. Sham'aa Abdullah Hameed	Regional Manager	Scuba Schools International
05	Mohamed Zaid	Head of Center for Maritime Studies	Maldives National University

VERSION	DEVELOPER	DATE	STANDARD CODE
V1	Madives Institute of Technology	15/02/2024	FNA-06L3-V1-24

Standard Development Process

The development of the “National Certificate-III in Boat Safety & Security” Standard involved a comprehensive study of Boat Safety & Security occupations in Maldivian workplaces, with a focus on boat operating enterprises. Job descriptions and international occupational trends were analysed to draft an initial Occupational Standard. This draft will undergo further refinement through a Technical Panel (TP) from Maldivian workplaces, ensuring incorporation of competencies and edits. The TP will provide technical input, suggesting changes to the standard, until a final draft is agreed upon. The approved Final Draft will then be submitted to the Transport Employment Sector Council for endorsement and validation. A brief report detailing the compilation process will accompany the Standard for the Council's review, and any recommended changes will be addressed before final endorsement.

With the endorsement from the Transport Employment Sector Council, the finalised National Occupational Standard for Boat safety & security will be submitted to the Maldives Qualification Authority (MQA) for final approval. Upon receiving MQA approval, the standard will be officially published on the Maldives National Skills Development Authority (MNSDA) website. This publication will enable training providers in the Maldives to utilise the standard for delivering the Boat safety & security program, ensuring its widespread implementation across the country.

Description of “Boat Safety & Security”

The “Boat Safety & Security” standard serves as a foundational guideline designed to enhance essential skills across diverse industries. This program is dedicated to equipping individuals with fundamental skills essential for ensuring the safety and security of boats and vessels. Participants will gain practical insights into core techniques and practices, emphasising the significance of maintaining compliance with safety standards, regulations, and approved security protocols in the maritime industry.

The certification acts as an entry point for professionals venturing into the realm of boat safety and security, providing a robust framework for understanding the fundamental principles required for implementing and maintaining effective safety and security measures within maritime operations. This standard is particularly beneficial for individuals in regions of the Maldives, where maritime activities are integral to the economy and lifestyle, aiming to establish a solid foundation in promoting safety and security within the boat construction field and the broader maritime industry.

Proposed Qualification Titles

Following are the recommended titles by the selected internal expert team of MIT for the National Certificate-III in Boat Safety & Security.

1. Nil

Job opportunities upon completion of “National Certificate-III in Boat Safety & Security”

Upon successful completion of the National Certificate-III in Boat Safety & Security, students can work in the following jobs.

1. *Assistant Boat Safety Inspector*
2. *Maritime Security Assistant Officer*
3. *Launch Manager*
4. *Maritime Safety Inspector*
5. *Assistant transport coordinator*

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 (FNA) Information, Communication and Technology (ICT) Transport Sector (TRN) Tourism Sector(TOU) Social Sector (SOC) Foundation (FOU)
Standard Number - Occupation with in an industry sector	Two digits 01-99
Common Competency	CM
Core Competency	CC
Unit Number - Occupation within a Standard	Three digits 01-99
MNQF level of qualification	L1, L2, L3, L4 etc.
Version Number	V1, V2 etc.
Separator	-
Year of Last Review of standard, qualification	Two digits responding to the year of last review, example 23 for the year 2023
Qualification Code	Refers to Standard code in cover page

1. Endorsement Application for Qualification 01		
2. NATIONAL CERTIFICATE III IN BOAT SAFETY & SECURITY		
3. Qualification code: FNA-06L3-V1-24		Total Number of Credits: 66
4. Purpose of the qualification This qualification aims to equip individuals with comprehensive skills and knowledge essential for ensuring safety and security measures on boats and maritime vessels. This certification focuses on providing learners with expertise in implementing safety protocols, conducting security assessments, handling emergencies, ensuring compliance with maritime regulations, and safeguarding passengers, crew, and vessels from potential risks or threats. Graduates of this this qualification, individuals will be prepared to contribute effectively to the implementation, maintenance, and enforcement of safety and security measures aboard boats and vessels, thereby fostering a culture of safety and security within the maritime sector.		
5. Regulations for the qualification		National Certificate III in the occupation of Boat Safety & Security 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
6. Schedule of Units		
Unit No.	Unit Title	Code
Common Competencies		
01	Apply occupational health and safety requirements	FNA-01-CM01-V2-24
02	Apply work ethics and optimise professionalism	FNA-01-CM02-V2-24
03	Practice effective workplace communication	FNA-01-CM03-V2-24
04	Provide effective customer care	FNA-05-CM01-V1-24
05	Perform computer operations	FNA-01-CM04-V2-24
06	Respond to emergency situations	FNA-02-CM05-V1-24
Core Competencies		
07	Understand boat security knowledge	FNA-06-CC01-V1-24
08	Conduct safety inspections	FNA-06-CC02-V1-24
09	Implement safety procedures	FNA-06-CC03-V1-24
10	Coordinate emergency response	FNA-06-CC04-V1-24
11	Conduct security assessment	FNA-06-CC05-V1-24
12	Supervise cargo and handling boat supplies	FNA-06-CC06-V1-24
13	Comply with safety regulations	FNA-06-CC07-V1-24
14	Participate in man overboard procedures	FNA-06-CC08-V1-24
15	Demonstrate basic seamanship	FNA-06-CC09-V1-24
16	Maintain documentations	FNA-06-CC10-V1-24

7. Accreditation requirements	The training provider should have a workshop or similar training facility to provide the trainees the hands-on experience related to this qualification and relevant industrial experience. The qualification can be delivered in a blended mode, combining both online and in-person training to ensure flexibility while maintaining the required practical exposure.
8. Recommended sequencing of units	As appearing under the section 06

Unit Details

Unit No.	Unit Title	Code	Level	No. of credits	Credit hours	Contact hours
01	Apply occupational health and safety requirements	FNA-01-CM01-V2-24	III	04	40	20
02	Apply work ethics and optimise professionalism	FNA-01-CM02-V2-24	III	03	30	15
03	Practice effective workplace communication	FNA-01-CM03-V2-24	III	03	30	15
04	Provide effective customer care	FNA-05-CM01-V1-24	III	05	50	25
05	Perform computer operations	FNA-01-CM04-V2-24	III	03	30	15
06	Respond to emergency situations	FNA-02-CM05-V1-24	III	05	50	25
07	Understand boat security knowledge	FNA-06-CC01-V1-24	III	03	30	15
08	Conduct safety inspections	FNA-06-CC02-V1-24	III	03	30	15
09	Implement safety procedures	FNA-06-CC03-V1-24	III	04	40	20
10	Coordinate emergency response	FNA-06-CC04-V1-24	III	04	40	20
11	Conduct security assessment	FNA-06-CC05-V1-24	III	05	50	25
12	Supervise cargo and handling boat supplies	FNA-06-CC06-V1-24	III	05	50	25
13	Comply with safety regulations	FNA-06-CC07-V1-24	III	04	40	20
14	Participate in man overboard procedures	FNA-06-CC08-V1-24	III	06	60	30
15	Demonstrate basic seamanship	FNA-06-CC09-V1-24	III	06	60	30
16	Maintain documentations	FNA-06-CC10-V1-24	III	03	30	15
Total				66	660	330

Packaging of National Qualifications:

National certificate III in Boat Safety & Security 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

Qualification Code: FNA-06L3-V1-24

COMPETENCY BASED ASSESSMENT

The final assessment of the National Competency-Based Programmes conducted by the Maldives National Skills Development Authority (MNSDA) is a competency-based assessment.

The Competency-Based Assessment ensures that the students' performance meets the requirements specified in the National Competency Standards (NCS). This assessment approach is designed to verify that graduates are job-ready and meet established occupational competency requirements within their respective fields.

Eligibility for Final Assessment

To be eligible for the final Competency-Based Assessment, students must fulfil the following conditions:

- achieve a **minimum of 80%** attendance
- deemed competent in each of the units of the programme in the pre-assessment

Competency-Based Assessment Process

Upon submission of the Pre-assessment report by the training provider, MNSDA will check for all the necessary supporting documents and conduct Competency-Based Assessment through a National Assessor registered with MNSDA. It is important to note that any trainer involved in the training process is **not permitted** to conduct the assessment to maintain impartiality and integrity of the process.

The final Competency-Based Assessment conducted by MNSDA includes both:

- **Theory:** Evaluating students' knowledge and understanding of key theoretical aspects of the competency.
- **Practical:** Assessing hands-on skills and application of knowledge in real-world or simulated environments.

Once the assessment is completed, the National Assessor will send the Competency-Based Assessment Report to MNSDA.

Competency Status Requirement

For certification to be granted, the student must be officially declared "**Competent**" in each of the units of the programme by the National Assessor.

Conclusion

Competency-Based Assessment is a critical component in ensuring the quality and credibility of technical and vocational skills-based training. By adhering to the outlined procedure, MNSDA upholds the standards required to certify students who are fully prepared to meet industry demands.