



Maldives National Skills Development Authority



National Competency Standard for Boat Building Inspector Training

Standard Code: TRA-06L3-V1-24

Qualification Name: National Certificate III in Boat Building Inspector Training

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 Building Inspector Training 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	Ahmed Shameem	Director General	Ministry of Transport and Civil Aviation
02	Mohamed Jamshad	Colonel	Maldives National Defence Force
03	Ahmed Shujau	Chief Inspector of Police	Maldives Police Services
04	Aishath Neesha Khaleel	General Manager	Maldives Ports Limited
05	Mohamed Zaid	Head of Center for Maritime Studies	MNU / Maritime Center
06	Asiyath Haneef	Training Manager at Maldivian	Maldivian
07	Ahmed Shahid	Maritime Expert	-
08	Ismail Fariq	Chief Sales Officer	Maldives Transport and Construction Company
09	Fathimath Haula	Programme Officer	Maldives National Skills Development Authority

National Occupational Standard has been endorsed by:



Aishath Neesha Khaleel
Chair person
Transport Sector Council

Maldives National Skills Development Authority
Umar Zahir Office Building, 5th Floor,
OrchidMaa Hingun, Hulhumale', Republic of Maldives.

Date of Endorsement: 17.07.2024

TECHNICAL SUPPORT

#	Name	Designation	Organisation
01			
02			

TECHNICAL PANEL MEMBERS			
#	Name	Designation	Organisation
01	Abdulla Faisal	Maritime Instructor	Maldives National University
02	Ibrahim Yasir	Deputy Minister	Ministry of Transport and Civil Aviation
03	Ali Ibrahim	Assistant Transport Officer	Ministry of Transport and Civil Aviation
04	Naseef Mohamed	Industry Expert	-
05			
06			
07			
08			
09			

VERSION	DEVELOPER	DATE	STANDARD CODE
V1	Maldives Institute of Technology	03/02/2024	TRA-06L3-V1-24

Standard Development Process

The development of the “National Certificate III in Boat Building Inspector Training” Standard involved a comprehensive study of Boat Building occupations in Maldivian workplaces, with a focus on boat construction 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 Construction 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 Construction Employment Sector Council, the finalised National Occupational Standard for Boat Building Inspector Training 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 Building Inspector Training program, ensuring its widespread implementation across the country.

Description of “Boat Building Inspector Training”

The "Boat Building Inspector Training" standard serves as a foundational guideline designed to enhance essential skills across diverse industries. This program is dedicated to equipping individuals with fundamental competencies crucial necessary for proficient Boat Building Inspector Training processes. Participants will gain practical insights into core techniques and practices, emphasising the significance of the role of Boat Building Inspectors who work under supervision to ensure compliance with safety standards, regulations, and approved plans in the maritime industry.

The certification acts as an entry point for professionals venturing into the application of Boat Building Inspector Training principles, providing a robust foundation in the fundamental skills required for the inspection, documentation, and reporting processes within the boat building industry. This standard is particularly beneficial for individuals in the Maldives aiming to establish a solid foundation in ensuring quality and efficiency within the boat construction field and the industry of Boat Building Inspector Training.

Proposed Qualification Titles

Following are the recommended titles by the selected internal expert team of MIT for the National Certificate III in Boat Inspector Training.

1. National Certificate III in Boat Building Inspector Training

Job opportunities upon completion of “National Certificate III in Boat Building Inspector Training”

Upon successful completion of the National certificate III in Boat Building Inspector Training, students can work in the following jobs.

1. *Assistant Boat Building Inspector*
2. *Quality Assurance Officer (Boat Inspection)*

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 with in 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 BUILDING INSPECTOR TRAINING		
3. Qualification code: TRA-06L3-V1-24		Total Number of Credits: 67
4. Purpose of the qualification This qualification aims to equip individuals with the knowledge and skills required to conduct thorough inspections of boat building activities, ensuring compliance with safety standards, regulations, and approved plans. Graduates of this qualification will demonstrate proficiency in compiling inspection reports, utilising tracking logs and digital images, and effectively communicating findings to stakeholders. This qualification is suitable for individuals involved in boat construction, quality assurance, and regulatory compliance within the industry.		
5. Regulations for the qualification		National Certificate III in the occupation of Boat Building Inspector Training 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	TRA-01-CM01-V3-24
02	Apply work ethics and optimise professionalism	TRA-01-CM02-V3-24
03	Practice effective workplace communication	TRA-01-CM03-V3-24
04	Provide effective customer care	TRA-01-CM04-V3-24
05	Perform computer operations	TRA-01-CM05-V3-24
06	Respond to emergency situations	TRA-01-CM06-V3-24
Core Competencies		
07	Apply science and engineering measurements	TRA-06-CC01-V1-24
08	Interpret technical drawings	TRA-06-CC02-V1-24
09	Understand different types of vessels	TRA-06-CC03-V1-24
10	Understand knowledge of boat structures and design	TRA-06-CC04-V1-24
11	Familiarise boat building materials	TRA-06-CC05-V1-24
12	Assist to review boat building plans	TRA-06-CC06-V1-24
13	Monitor boat building sites	TRA-06-CC07-V1-24
14	Inspect safe handling of equipment & materials	TRA-06-CC08-V1-24
15	Comply with safety and regulation of boat building	TRA-06-CC09-V1-24
16	Compile and write inspection report	TRA-06-CC10-V1-24

7. Accreditation requirements	<p>The training provider should have a workshop or similar training facility to provide the trainees the hands-on experience related to this qualification and make arrangements for providing industrial experience.</p> <ul style="list-style-type: none"> • 120 hours of industrial experience training. • Requires entry criteria of past training in maritime industry. • Training should be conducted on boat building and related areas.
8. Recommended sequencing of units	<p>As appearing under the section 06</p>

Unit Details

Unit No.	Unit Title	Code	Level	No. of credits	Credit hours	Contact hours
01	Apply occupational health and safety requirements	TRA-01-CM01-V3-24	III	04	40	20
02	Apply work ethics and optimise professionalism	TRA-01-CM02-V3-24	III	03	30	15
03	Practice effective workplace communication	TRA-01-CM03-V3-24	III	03	30	15
04	Provide effective customer care	TRA-01-CM04-V3-24	III	05	50	25
05	Perform computer operations	TRA-01-CM05-V3-24	III	03	30	15
06	Respond to emergency situations	TRA-01-CM06-V3-24	III	05	50	25
07	Apply science and engineering measurements	TRA-06-CC01-V1-24	III	04	40	20
08	Interpret technical drawings	TRA-06-CC02-V1-24	III	03	30	15
09	Understand different types of vessels	TRA-06-CC03-V1-24	III	04	40	20
10	Understand knowledge of boat structures and design	TRA-06-CC04-V1-24	III	05	50	25
11	Familiarise boat building materials	TRA-06-CC05-V1-24	III	04	40	20
12	Assist to review boat building plans	TRA-06-CC06-V1-24	III	05	50	25
13	Monitor boat building sites	TRA-06-CC07-V1-24	III	06	60	30
14	Inspect safe handling of equipment & materials	TRA-06-CC08-V1-24	III	04	40	20
15	Comply with safety and regulation of boat building	TRA-06-CC09-V1-24	III	04	40	20
16	Compile and write inspection report	TRA-06-CC10-V1-24	III	05	50	25
Total				67	670	355

Packaging of National Qualifications:

National certificate III in Boat Building Inspector Training 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: TRA-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.