



**Maldives National Skills Development Authority**



# **National Competency Standard for Fiberglass Boat Building**

**Standard Code: CON09S14V1**

**Qualification Name: National Certificate III in Fiberglass Boat Building  
Qualification Code: CON09SQ1L314**

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## 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

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developed can be assessed and recognized. They also form the foundation for certifying skills in the Maldives National Qualification Framework (MNQF).

CON09S14V1 is the first version of the NCS for Fiberglass Boat Building, and has been developed and endorsed in the year 2014. This standard includes one Qualification at Level 3 of Maldivian National Qualifications Framework.

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Director

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**National Competency Standard for Fiberglass Boat Building has been endorsed by**

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**Contact for Comments**

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Date of Endorsement

## Key for coding Competency Standards and Related Materials

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

<b>Endorsement Application for Qualification 01</b>		
<b>NATIONAL CERTIFICATE III IN FIBERGLASS BOAT BUILDING</b>		
<b>Qualification code:</b> CON09SQ1L314	<b>Total Number of Credits : 60</b>	
<b>Purpose of the qualification</b>		
The holders of this qualification are expected to work as an Assistant to a Fiberglass Boat Builder and will be working under the supervision of a a Fiberglass Boat Builder .		
<b>Regulations for the qualification</b>	National Certificate III in a Fiberglass Boat Building will be awarded to those who are competent in units 1+2+3+4+5+6+7+8+9+10+11	
<b>Schedule of Units</b>		
<b>Unit</b>	<b>Unit Title</b>	<b>Code</b>
1.	Observe personal and work place hygiene practices	CON09S1U01V1
2.	Practice health, safety and security Practices	CON09S1U02V1
3.	Provide effective customer care	CON09S1U03V1
4.	Practice effective workplace communication	CON09S1U04V1
5.	Perform computer operations	CON09S1U05V1
6.	Plan and prepare estimate for metal fabrication	CON09S2U06V1
7.	Mark and cut material for metal fabrication	CON09S2U07V1
8.	Bend / roll / form material for metal fabrication	CON09S2U08V1
9.	Assemble fabricated metal components	CON09S2U09V1
10.	Finish fabricated metal work	CON09S2U10V1
11.	Prepare workplace for laminating	CON09S2U11V1
<b>Accreditation requirements</b>	The training provider should have the required training facility to provide the trainees the hands-on experience related to this qualification	
<b>Recommended sequencing of units</b>	As appearing under the section 06	

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## Units Details

Unit	Unit Title	Code	Level	No of credits
1.	Observe personal and work place hygiene practices	CON09S1U01V1	03	05
2.	Practice health, safety and security Practices	CON09S1U02V1	03	05
3.	Provide effective customer care	CON09S1U03V1	03	05
4.	Practice effective workplace communication	CON09S1U04V1	03	05
5.	Perform computer operations	CON09S1U05V1	03	05
6.	Plan and prepare estimate for metal fabrication	CON09S2U06V1	03	06
7.	Mark and cut material for metal fabrication	CON09S2U07V1	03	06
8.	Bend / roll / form material for metal fabrication	CON09S2U08V1	03	06
9.	Assemble fabricated metal components	CON09S2U09V1	03	06
10.	Finish fabricated metal work	CON09S2U10V1	03	06
11.	Prepare workplace for laminating	CON09S2U11V1	03	05

### Packaging of National Qualifications:

National Certificate III in Fiberglass Boat Building will be awarded to those who are competent in units 1+2+3+4+5+6+7+8+9+10+11

Qualification Code: CON09SQ1L314

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# Competency Standard for

## FIBERGLASS BOAT BUILDING

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Unit No	Unit Title
1.	Observe personal and work place hygiene practices
2.	Practice health, safety and security Practices
3.	Provide effective customer care
4.	Practice effective workplace communication
5.	Perform computer operations
6.	Plan and prepare estimate for metal fabrication
7.	Mark and cut material for metal fabrication
8.	Bend / roll / form material for metal fabrication
9.	Assemble fabricated metal components
10.	Finish fabricated metal work
11.	Prepare workplace for laminating

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## Description of a fiberglass laminator

A fiberglass laminator is a professional who laminates layers of fiberglass on molds to form boat decks and hulls, or other fiberglass bodies.

## Description of fiberglass fabricator

Fiberglass fabricator is the one who makes the material. A fiberglass fabricator may either construct the material, or assemble various fiberglass products to produce a product.

## Competency Standard Development Process

The competencies were determined based on the analysis of the tasks expected to be performed by the Fiberglass professional in the Maldives. The task analysis was based on the existing documents prepared among the experts in the industry and on the advice of the experts in the field of Fiberglass training in Maldives. Competency standards used for similar type of training in other countries were also examined