



Maldives National Skills Development Authority



National Competency Standard for Shuttering Carpentry

Standard Code: CON06S09V1

**Qualification Name: National Certificate III in Shuttering Carpentry
Qualification Code: CON06SQ1L309**

PREFACE

The ADB Loan 2028 MLD, Employment Skills Training Project's (ESTP) objective is to increase the number of Maldivians, men and women, actively participating in the labor force, employed and self employed. The Project will support the expansion of demand driven employment-oriented skills training in priority occupations and improve the capacity to develop and deliver Competency Based Skill Training (CBST). The Project aims to (i) provide youth with employment-oriented skills training; (ii) improve public perception of training and employment in locally available skills-oriented occupations; (iii) make available employment-related information to more Maldivians; and (iv) strengthen the capacity for labor administration and for labor market analysis.

The objective of the project is to deliver CBST programs to satisfy employer demand-driven needs. The National Competency Standards (NCS) provide the base for this training. Initially training will be focused on five key sectors: tourism, fisheries and agriculture, transport, construction and the social sectors. These sectors are included as priority sectors in the national development plan and 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 Accreditation Board (MAB) 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 Technical and Vocational Education and Training (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).

NCS are developed by the TVET Section of Ministry of Higher Education, Employment and Social Security. The NCS are endorsed by the Employment Sector Councils of the respective sectors and validated by the Maldives Accreditation Board.

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National Competency Standard has been Endorsed by		
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Date of Endorsement:		Date of revision

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

2. NATIONAL CERTIFICATE II IN BAR BENDING		
3. Qualification code: CON06SQ1L209		Total Number of Credits:67
4. Purpose of the qualification		
<p>The holders of this qualification will be competent to work in the Construction Sector as a shuttering carpenter. The level II qualification presented here will facilitate preparing students to the entry workplace tasks and the competency units are mapped in such a way to fulfill the knowledge and skills requirements of the “shuttering carpenter” occupation within the local construction Industry.</p>		
5. Regulations for the qualification National		Certificate II in the occupation of shuttering carpenter will be awarded to those who are competent in units 1+2+3+4+5+6+7+8+9+10+11+12
6. Schedule of Units		
Unit Title	Unit Title	Code
1	Practice Occupational Health and Safety Procedures	CON06S1U01VI
2	Participate in ‘workplace communication	CON06S1U02VI
3	Work in a Team Environment	CON06S1U03VI
4	Observe Procedures, Specifications and Manuals of Instruction	CON06S1U04VI
5	Perform Mensurations and Calculations	CON06S2U01VI
6	Prepare Construction Materials and Tools	CON06S2U02VI
7	Maintain Tools and Equipment	CON06S2U03VI
8	Prepare Stake-Out Building Lines	CON06S2U04VI
9	Fabricate Formworks	CON06S2U05VI
10	Install Formwork Components	CON06S2U06VI
11	Strip Formworks Components	CON06S2U07VI
12	Install Framing Works	CON06S2U08VI
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	
8. Recommended sequencing of units	As appearing under the section 06	

Units Details

no	Unit Title	Code	Level	No of credits
1	Practice Occupational Health and Safety Procedures	CON06S1U01VI	2	6
2	Participate in 'workplace communication	CON06S1U02V I	2	5
3	Work in a Team Environment	CON06S1U03V I	2	3
4	Observe Procedures, Specifications and Manuals of Instruction	CON06S1U04V I	2	3
5	Perform Mensurations and Calculations	CON06S2U01V I	2	3
6	Prepare Construction Materials and Tools	CON06S2U02V I	2	3
7	Maintain Tools and Equipment	CON06S2U03V I	2	3
8	Prepare Stake-Out Building Lines	CON06S2U04V I	2	7
9	Fabricate Formworks	CON06S2U05V I	2	8
10	Install Formwork Components	CON06S2U06V I	2	8
11	Strip Formworks Components	CON06S2U07V I	2	6
12	Install Framing Works	CON06S2U08V I	2	12

Packaging of National Qualifications:

National certificate II in shuttering carpenter will be awarded to those who are competent in No 1+2+3+4+5+6+7+8+9+10+11+12

Qualification Code: CON06SQ1L209

Competency Standard for

CARPENTER (SHUTTERING)

Unit No	Unit Title
1.	Practice Occupational Health and Safety Procedures
2.	Participate in 'workplace communication
3.	Work in a Team Environment
4.	Observe Procedures, Specifications and Manuals of Instruction
5.	Perform Mensurations and Calculations
6.	Prepare Construction Materials and Tools
7.	Maintain Tools and Equipment
8.	Prepare Stake-Out Building Lines
9.	Fabricate Formworks
10.	Install Formwork Components
11.	Strip Formworks Components
12.	Install Framing Works

DESCRIPTION OF AN Shuttering Carpenter

Shuttering carpenter will be working front line of the construction industry. Shuttering carpenters who are competent in this standard will be equipped to make shuttering (framework), and will measure the accuracy of the form work made for the concrete pouring to cast the concrete in. Shuttering carpenters will be working under the supervision of site supervisor.

COMPETENCY STANDARD DEVELOPMENT PROCESS

The competencies were determined based on the analysis of the tasks expected to be performed by the shuttering in the Maldives. The task analysis was based on the existing job descriptions used in both private and public sector. Competency standards used for similar type of training in other countries were also examined.