



Maldives National Skills Development Authority



National Competency Standard for Construction Site Supervision

Standard Code: CON-13L4-V2-24

Qualification Name: National Certificate IV in Construction Site Supervision

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 IV Construction Site Supervision 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 Thalhath	Director General	Ministry of Construction and Infrastructure
02	Zeeniya Ahmed Hameed	Permanent Secretary	Minister of Housing, Land and Urban Development
03	Adnan Haleem	Secretary General	Maldives National Association of Construction Industry
04	Mohamed Rasheed	Director	Housing Development Corporation
05	Mohamed Waheed	Lecturer	Maldives Polytechnic
06	Hussain Shiyam	Civil Engineer	Civil Engineers Association
07	Ibrahim Shareef Hassan	Training Expert	-
08	Mohamed Yoosuf	Professional Member	Architects Association of Maldives
09	Shakeeba Ali	Director General	Maldives National Skills Development Authority

National Occupational Standard has been endorsed by:



Adnan Haleem

Chair person

Construction Sector Council

Maldives National Skills Development Authority

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

Date of Endorsement: 10/07/2024

TECHNICAL SUPPORT

#	Name	Designation	Organisation
01			
02			

TECHNICAL PANEL MEMBERS

#	Name	Designation	Organisation
01	Muaz Ibrahim	External projects manager	Maldives Water and Sewerage Company
02	Mohamed Nasvaan	Civil Engineer	Urban Co
03	Mohamed Fazeen	Subinpector of Police	Maldives Police Services
04	Inaya Abdul Raheem	Maldives Institute of Technology	Lecturer
05	Abdul Noor Hassan	Assistant Director	Urban Co

VERSION	DEVELOPER	DATE	STANDARD CODE
V2	Maldives Institute of Technology	10/07/2024	CON-13L4-V2-24

Standard Review Process

To begin with, Construction Site Supervision occupation competencies were profiled through study of the occupations across the Maldivian workplaces aligned to the principles of "Functional Analysis", a methodology used for reviewing Competency Standards. Referred occupational profiling process compared existing competency units incorporated within the National Competency Standard of Level IV in Construction Site Supervision program.

Draft Review of the occupational standard is then compiled and submitted to the Technical Panel (TP) organised by the Maldives National Skills Development Authority (MNSDA). The Draft Standard is then edited based on comments from TP members under the direct observation of MNSDA. With series of reviewing and editings, TP approved standard is then tabled at Employment Sector Council (ESC) meeting for endorsement.

All the Standards of MNSDA are endorsed from the ESC before being published on its website.

Description of “Construction Site Supervision”

This course is structured to equip individuals with the essential competencies required for mastery in Construction site supervising techniques. Participants will delve deeper into practical insights, honing their expertise in key methods and practices essential for creating intricate and exquisite cake designs.

This certification empowers participants to gain hands-on experience in advanced construction site supervision.

Recommended changes to the existing National Certificate IV in Construction Site Supervision Standard

Following changes recommended by the Technical Panel (TP) and endorsed by the relevant ESC for the National Certificate IV in Construction Site Supervision Standard.

1. Strengthen soft skills and recommended to include common modules used in the current Competency Standards of MNSDA.
2. Following new units is included to keep the Standard aligned with current industry needs, fill skill gaps, meet evolving standards, enhance employability, promote innovation, accommodate specialisations, and respond to stakeholder feedback.
 - ✓ Apply basics estimation techniques for construction projects
 - ✓ Prepare construction schedules and manage projects
 - ✓ Prepare as Built drawings using CAD applications
 - ✓ Apply finishing work techniques in building construction
 - ✓ Prepare construction project documentations and reporting

Job opportunities upon completion of “National Certificate IV in Construction Site Supervision ”

Upon successful completion of the National certificate IV in Construction Site Supervision students can work in the following jobs.

1. *Construction Site Supervisor*

2. *Quality Control Inspector*

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 an 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 IV IN CONSTRUCTION SITE SUPERVISION		
3. Qualification code: CON-13L4-V2-24		Total Number of Credits: 127
<p>4. Purpose of the qualification The qualification aims is to provide individuals with the knowledge, skills, and competencies required to effectively supervise construction sites and ensure the successful completion of construction projects. This qualification aims to prepare individuals for roles in construction site supervision by equipping them with the necessary technical, managerial, and leadership capabilities to manage construction activities, resources, and personnel.</p>		
5. Regulations for the qualification		National Certificate IV in the occupation of Construction Site Supervision 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
6. Schedule of Units		
Unit No.	Unit Title	Code
Common Competencies		
01	Write technical reports	CON-01-CM08-V2-24
02	Participate in sustainable work practices	CON-09-CM01-V1-24
03	Enhance customer service experience	CON-09-CM02-V1-24
04	Lead and manage people	CON-04-CM03-V2-24
05	Apply work ethics and manage diversity in the workplace	CON-04-CM04-V2-24
Core Competencies		
06	Read and interpret plans and specifications	CON-13-CC14-V2-24
07	Apply masonry skills	CON-13-CC15-V2-24
08	Understand construction and municipal regulations in building construction	CON-13-CC16-V2-24
09	Apply reinforced concreting skills and procedures	CON-13-CC17-V2-24
10	Arrange resources and prepare for the building construction projects	CON-13-CC18-V2-24
11	Apply quality assurance measures in construction	CON-13-CC19-V2-24
12	Apply basics estimation techniques for construction projects	CON-13-CC20-V2-24
13	Prepare construction schedules and manage projects	CON-13-CC21-V2-24
14	Apply site surveys and set out procedures to building and construction projects	CON-13-CC22-V2-24
15	Prepare as built drawings using CAD applications	CON-13-CC23-V2-24
16	Apply finishing work techniques in building construction	CON-13-CC24-V2-24
17	Prepare construction project documentations and reporting	CON-13-CC25-V2-24

7. Accreditation requirements	The training provider should have made arrangements to ensure students are provided with adequate theory and practicals for them to develop all the required knowledge and skills stipulated in the National Competency Standard.
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	Write technical reports	CON-01-CM08-V2-24	IV	04	40	20
02	Participate in sustainable work practices	CON-09-CM01-V1-24	IV	04	40	20
03	Enhance customer service experience	CON-09-CM02-V1-24	IV	10	100	50
04	Lead and manage people	CON-04-CM03-V2-24	IV	10	100	50
05	Apply work ethics and manage diversity in the workplace	CON-04-CM04-V2-24	IV	15	150	75
06	Read and interpret plans and specifications	CON-13-CC14-V2-24	III	03	30	15
07	Apply masonry skills	CON-13-CC15-V2-24	III	04	40	20
08	Understand construction and municipal regulations in building construction	CON-13-CC16-V2-24	III	04	40	20
09	Apply reinforced concreting skills and procedures	CON-13-CC17-V2-24	III	05	50	25
10	Arrange resources and prepare for the building construction projects	CON-13-CC18-V2-24	III	06	60	30
11	Apply quality assurance measures in construction	CON-13-CC19-V2-24	III	05	50	25
12	Apply basics estimation techniques for construction projects	CON-13-CC20-V2-24	IV	08	80	40
13	Prepare construction schedules and manage projects	CON-13-CC21-V2-24	IV	09	90	45
14	Apply site surveys and set out procedures to building and construction projects	CON-13-CC22-V2-24	IV	10	100	50
15	Prepare as built drawings using CAD applications	CON-13-CC23-V2-24	IV	10	100	50
16	Apply finishing work techniques in building construction	CON-13-CC24-V2-24	IV	10	100	50
17	Prepare construction project documentations and reporting	CON-13-CC25-V2-24	IV	10	100	50
Total				127	1270	635

Packaging of National Qualifications:

National Certificate IV in Construction Site Supervision 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

Qualification Code: CON-13L4-V2-24

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.