



Maldives National Skills Development Authority



National Competency Standard for Jewellery Design and Manufacturing

Standard Code: SOC-05L3-V2-24

Qualification Name: National Certificate III in Jewellery Design and Manufacturing

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 Jewelry Design and Manufacturing 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	Ibrahim Shareef Hassan
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: 13-02-2024

TECHNICAL SUPPORT

#	Name	Designation	Organisation
01			
02			

TECHNICAL PANEL MEMBERS			
#	Name	Designation	Organisation
01	SanauallahShakeeb	Engineer	Maldives Airports Company Limited
02	Ali Nafaah Mohamed	Assistant Engineer	State Electric Company Limited
03	Yaiesh Musthafa	Engineer	Utility Regulatory Authority
04	Nahid Mohamed	Lecturer/Technician	Polytechnic/DJA

VERSION	DEVELOPER	DATE	STANDARD CODE
V2	Maldives Institute of Technology	14-12-2023	SOC-05L3-V2-24

Standard Review Process

To begin with Jewellery Design and Manufacturing 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 III in Jewellery Design and Manufacturing 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 “Jewellery Design and Manufacturing”

The program centres on providing individuals with fundamental competencies crucial for effective jewellery design and manufacturing processes. Participants will acquire practical insights into basic techniques and practices, emphasising the significance of precision in craftsmanship and customer satisfaction.

The certification serves as an entry point for individuals venturing into the field of jewellery design and manufacturing in the Maldives, providing a robust foundation in the fundamental skills necessary to contribute to proficient and customer-oriented jewellery services.

Recommended changes to the existing National Certificate III in Jewellery Design and Manufacturing Standard

Following changes recommended by the Technical Panel (TP) and endorsed by the relevant ESC for the National Certificate III in Jewellery Design and Manufacturing Standard are as follows.

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.*
 - ✓ *Understand history and origin of jewellery*
 - ✓ *Understand basic entrepreneurship and small business development*
 - ✓ *Prepare basic drawing and sketches*
 - ✓ *Understand metallurgy fundamentals in jewellery*
 - ✓ *Develop knowledge on jewellery making tools and techniques*
 - ✓ *Undertake basic casting techniques*
 - ✓ *Perform stone essentials and settings*
 - ✓ *perform metal techniques and artistry*
 - ✓ *Design and manufacture final collection*
 - ✓ *Design presentation and exhibition preparation*

Job opportunities upon completion of “National Certificate III in Jewellery Design and Manufacturing”

Upon successful completion of the National certificate III in Jewellery Design and Manufacturing, students can work in the following jobs.

1. *Jewellery designer and manufacturer*

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 III IN JEWELLERY DESIGN AND MANUFACTURING

3. Qualification code: SOC-05L3-V2-24

Total Number of Credits: 75

4. Purpose of the qualification

This qualification plays a key role as a foundational stepping stone for those pursuing opportunities in the local jewellery design and manufacturing industry in the Maldives. The program is strategically designed to furnish learners with the requisite expertise essential for excelling in various capacities within the realms of jewellery design and manufacturing

5. Regulations for the qualification

National Certificate III in Jewellery Design and Manufacturing 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	SOC-02-CM01-V2-24
02	Apply work ethics and optimise professionalism	SOC-01-CM02-V2-24
03	Practice effective workplace communication	SOC-01-CM03-V2-24
04	Provide effective customer care	SOC-01-CM05-V2-24
05	Perform computer operations	SOC-01-CM06-V2-24
06	Respond to emergency situations	SOC-01-CM04-V2-24
07	Understand basic entrepreneurship and small business development	SOC-04-CM03-V3-24
Core Competencies		
08	Understand history and origin of jewellery	SOC-05-CC01-V2-24
09	Understand design fundamentals and process	SOC-05-CC02-V2-24
10	Prepare basic drawing and sketches	SOC-05-CC03-V2-24
11	Understand and apply concepts of metallurgy and gemstone to jewellery	SOC-05-CC04-V2-24
12	Develop knowledge on jewellery making tools and techniques	SOC-05-CC05-V2-24
13	Perform stone setting	SOC-05-CC06-V2-24
14	Perform metal techniques and artistry	SOC-05-CC07-V2-24
15	Design and manufacture final collection	SOC-05-CC08-V2-24
16	Design presentation and exhibition preparation	SOC-05-CC09-V2-24

<p>7. Accreditation requirements</p>	<ul style="list-style-type: none"> • The training provider should have a workshop or similar training facility to provide the trainees the hands-on experience related to this qualification • The instructor/trainer must possess a teaching qualification in accordance with the MQA requirements, or a minimum of 2 years of relevant field experience. In cases where licensure is mandatory, the trainer should also possess the necessary certification.
<p>8. Recommended sequencing of units</p>	<p>As appearing under the section 06</p>

Unit Details

Unit No.	Unit Title	Code	Level	No. of credits	Credit hours	Contact hours
1	Apply occupational health and safety requirements	SOC-02-CM01-V2-24	III	04	40	20
2	Apply work ethics and optimise professionalism	SOC-01-CM02-V2-24	III	03	30	15
3	Practice effective workplace communication	SOC-01-CM03-V2-24	III	03	30	15
4	Provide effective customer care	SOC-01-CM05-V2-24	III	05	50	25
5	Perform computer operations	SOC-01-CM06-V2-24	III	03	30	15
6	Respond to emergency situations	SOC-01-CM04-V2-24	III	05	50	25
7	Understand basic entrepreneurship and small business development	SOC-04-CM03-V3-24	III	04	40	20
8	Understand history and origin of jewellery	SOC-05-CC01-V2-24	III	04	40	20
9	Understand design fundamentals and process	SOC-05-CC02-V2-24	III	05	50	25
10	Prepare basic drawing and sketches	SOC-05-CC03-V2-24	III	05	50	25
11	Understand and apply concepts of metallurgy and gemstone to jewellery	SOC-05-CC04-V2-24	III	05	50	25
12	Develop knowledge on jewellery making tools and techniques	SOC-05-CC05-V2-24	III	04	40	20
13	Perform stone setting	SOC-05-CC06-V2-24	III	05	50	25
14	Perform metal techniques and artistry	SOC-05-CC07-V2-24	III	05	50	25
15	Design and manufacture final collection	SOC-05-CC08-V2-24	III	10	100	50
16	Design presentation and exhibition preparation	SOC-05-CC09-V2-24	III	05	50	25
Total				75	750	375

Packaging of National Qualifications:

National certificate III in Jewellery Design and Manufacturing 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: SOC-05L3-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.