



Maldives National Skills Development Authority



National Competency Standard for Automotive Maintenance

Standard Code: TRN01S07V2

Qualification Name: National Certificate I in Automotive Maintenance (Light Vehicle)
Qualification Code: TRN01SQ1L107

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

Description of an AUTOMOTIVE MAINTENANCE

At present, Maldives have a population of wide range of vehicles with varying models and types. Inspection, repair, maintenance and overhaul of such vehicle system require varying knowledge and skills. The goal of these qualifications are to prepare competent Automotive Mechanics capable of undertaking all major and minor tasks associated with maintenance, repair and servicing of automotive vehicles in the Maldives. The proposed qualifications were prepared by a group of technical panel members currently working as experienced mechanics employed in government and private enterprises, workshops and service garages

Competency Standard Development Process

The competencies were determined based on the analysis of the tasks expected to be performed by the automotive mechanic 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. Competency standards used for similar type of training in other countries were also examined

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

1.Endorsement Application for Qualification 01		
2. NATIONAL CERTIFICATE I IN AUTOMOTIVE MAINTENANCE (LIGHT VEHICLE)		
3. Qualification code: TRN01SQ1L107		Total Number of Credits: 21
4. Purpose of the qualification The holders of this qualification will be will be competent to work in the Automotive Maintenance Sector as Service Mechanics. The level one qualification presented here will facilitate preparing students to the entry level workplace tasks and the competency units are mapped in such a way to fulfill the knowledge and skills requirements of the “Assistant Mechanic” occupation within the local Automotive Industry. This qualification can also be used to award recognition to the “Light Vehicle Operators” within the Automotive Industry		
5. Regulations for the qualification		<ul style="list-style-type: none"> National Certificate I in Automotive Maintenance will be awarded to those who are competent in units 1+2+3+4+5+6+7
6. Schedule of Units		
Unit Title	Unit Title	Code
1	Work safely in the workplace	TRN01S1U01V1
2	Maintain workshop	TRN01S1U02V1
3	Handle and maintenance of workplace tools and equipment	TRN01S1U03V1
4	Undertake basic workshop calculation	TRN01S1U04V1
5	Perform effective workplace communication	TRN01S1U05V1
6	Move, position and park vehicle	TRN01S2U01V1
7	Wash/clean vehicle body and its interior	TRN01S2U02V1
7. Accreditation requirements		The training provider should have an automotive service workshop/garage 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

Unit No	Unit Title	Code	Level	No of credits	Credit Hours	Contact Hours
1	Work safely in the workplace	TRN01S1U01V1	I	3	30	15
2	Maintain workshop	TRN01S1U02V1	I	3	30	15
3	Handle and maintenance of workplace tools and equipments	TRN01S1U03V1	I	3	30	15
4	Undertake basic workshop calculation	TRN01S1U04V1	I	3	30	15
5	Perform effective workplace communication	TRN01S1U05V1	I	3	30	15
6	Move, position and park vehicle	TRN01S2U01V1	I	3	30	15
7	Wash/clean vehicle body and its interior	TRN01S2U02V1	I	3	30	15
TOTAL				21	210	105

Packaging of National Qualifications:

National Certificate I in Automotive Maintenance (Light Vehicle) will be awarded to those who are competent in units

1+2+3+4+5+6+7

Qualification Code: TRN01SQ1L107

Note: For the purpose of these qualifications, Automotive Maintenance Technical Panel along with the Transport Employment Sector Council have agreed that **Light Vehicle are considered as vehicles whose carrying capacity is either equal or less than 2 tons.**

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.