





# **Model Curriculum**

**QP Name: Light Motor Vehicle Driver** 

QP Code: ASC/Q9702

NSQF Level: 2.5

Automotive Skills Development Council E-113, GF Floor, Okhla Industrial Area, Phase – III ,New Delhi – 110020





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# **Training Parameters**

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Sector	Automotive
Sub-Sector	Road Transportation
Occupation	Driving
Country	India
NSQF Level	2.5
Aligned to NCO/ISCO/ISIC Code	NCO-2015/8322.0501
Minimum Educational Qualification and Experience	<ul> <li>5th Class pass with 4 years of relevant experience</li> <li>OR</li> <li>8th Class Pass with 1 year of relevant experience</li> <li>OR</li> <li>9th Class pass</li> <li>OR</li> <li>Certificate-NSQF (Driving Assistant Level 1) with 1 Year of</li> <li>relevant experience.</li> <li>Permanent or Learners LMV license mandatory as per CMVR act</li> </ul>
Pre-Requisite License or Training	Valid LMV Permanent/Learner license, Assessment conducted only after permanent driving license
Minimum Job Entry Age	18 years
Last Reviewed On	29/07/2021
Next Review Date	29/07/2026
NSQC Approval Date	29/07/2021
Model Curriculum Creation Date	29/07/2021
Model Curriculum Valid Up to Date	29/07/2026
Minimum Duration of the Course	240 Hours, 0 Minutes
Maximum Duration of the Course	240 Hours, 0 Minutes





# **Program Overview**

This section summarizes the end objectives of the program along with its duration.

#### **Training Outcomes**

At the end of the program, the learner will be able to:

- Apply health, hygiene, and safety practices at the workplace.
- Perform the tasks to utilize the resources in a responsible manner.
- Employ appropriate practices to communicate effectively with customer, colleagues, and superiors to achieve a smooth workflow.
- Perform the steps to drive the light motor vehicle while conforming to the standard rules and regulations.

#### **Compulsory Modules**

The table lists the modules, their duration and mode of delivery.

NOS and Module Details	Theory Duration	Practical Duration	On-the-Job Training Duration (Mandatory)	On-the-Job Training Duration (Recommended)	Total Duration
Bridge Module	05:00	00:00	00:00	00:00	05:00
Module 1: Introduction to Automotive Industry and Light Motor Vehicle Driver	05:00	00:00	00:00	00:00	05:00
ASC/N9809 – Organize Work and Resources (Road Transportation) NOS Version No. 1.0 NSQF Level 2.5	15:00	40:00	00:00	00:00	55:00
Module 2: Maintain Health, Hygiene and Safety Standard at the Workplace	11:00	20:00	00:00	00:00	31:00
Module 3: Perform Waste Disposal and Material Conservation Activities	04:00	20:00	00:00	00:00	24:00







ASC/ N9704 – Driving Light Motor Vehicle (LMV) Safely NOS Version No. 1.0	25:00	35:00	30:00	00:00	90:00
NSQF Level 2.5					
Module 4: Examine Roadworthiness of the Vehicle and Drive the LMV as per Standard	20:00	25:00	30:00	00:00	75:00
Module 5: Adhere to the Traffic Rules and Basic Troubleshooting Practices	05:00	10:00	00:00	00:00	15:00
ASC/N9606 – Ensure Roadworthiness of Electric Vehicles (EV) NOS Version No. 2.0 NSQF Level 2.5	34:00	26:00	00:00	00:00	60:00
Module 6: Ensure Roadworthiness of the Electric Vehicle and Conform to CMVR and State Guideline	34:00	26:00	00:00	00:00	60:00
DGT/VSQ/N0101 - Employability Skills (30 hours) NOS Version No. – 1.0 NSQF Level – 2.5	12:00	18:00			30:00
Module 7: Introduction to Employability Skills	0.5:00	0.5:00			1:00
Module 8: Constitutional values - Citizenship	0.5:00	0.5:00			1:00
Module 9: Becoming a Professional in the 21st Century	0.5:00	0.5:00			1:00
Module 10: Basic English Skills	1:00	1:00			2:00
Module 11: Communication Skills	1.5:00	2.5:00			4:00
Module 12: Diversity & Inclusion	0.5:00	0.5:00			1:00
Module 13: Financial and Legal Literacy	1.5:00	2.5:00			4:00
Module 14: Essential Digital Skills	1:00	2:00			3:00
Module 15: Entrepreneurship	2.5:00	4.5:00			7:00
Module 16: Customer Service	1.5:00	2.5:00			4:00

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				2.00	
Module 17: Getting ready for apprenticeship & Jobs	1.(1()	1:00			2:00
Total Duration	87:00	123:00	30:00	00:00	240:00





# **Module Details**

## Module 1: Introduction to Automotive Industry and Light Motor Vehicle Driver

Bridge Module

#### **Terminal Outcomes:**

- Outline the overview of Skill India Mission
- Describe the scope of Automotive Industry
- Define the role and responsibilities of Light Motor Vehicle Driver

Duration: 05:00	Duration: 00:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul> <li>Discuss the objectives and benefits of the Skill India Mission</li> <li>Describe the scope of Indian Automotive Industry and its sub-sectors</li> <li>Explain basic terminologies and road safety signs used in Road Transport and Driving industry</li> <li>Discuss job role and opportunities for a Light Motor Vehicle Driver in the Automotive Industry</li> <li>Explain standard code of ethics and professional practices to be adhered by a Light Motor Vehicle Driver</li> </ul>	NA
Classroom Aids	1
Whiteboard, Flip Chart, Markers, Duster, Projector Point Presentation, 2.1 Laptop External Speakers.	
Tools, Equipment and Other Requirements	
NA	





## Module 2: Maintain Health, Hygiene and Safety Standard at the Workplace Mapped to ASC/N9809, v 1.0

#### **Terminal Outcomes:**

• Employ appropriate health, hygiene, and safety practices at workplace

Duration: 11:00	Duration: 20:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul> <li>Discuss the ways to organize work as per standard health, safety and security policy and procedures.</li> <li>Outline the concept and importance of personal and workplace hygiene.</li> <li>Explain the ways to clean and sanitize the vehicle and related equipment.</li> <li>List vital points to be checked to ensure proper functioning of the vehicle before commencing work.</li> <li>List the causes of risks and potential hazards in the workplace and ways to prevent them.</li> <li>List the components of the first-aid kit.</li> <li>State the importance of self-isolation in the context of epidemic or pandemic situation.</li> <li>Outline the purpose and usage of various Personal Protective Equipment (PPE)required at the workplace.</li> <li>Recall the helpline number related to the women safety.</li> <li>Explain the procedure to report accident, hazard and any health-related issues as per SOP.</li> </ul>	<ul> <li>Employ appropriate ways to keep vehicle clean, hygienic and hazard free.</li> <li>Apply appropriate practices to check and ensure proper functioning of vehicle before commencing work.</li> <li>Employ appropriate practices to check and ensure all equipment of the vehicle is properly connected before commencing the work</li> <li>Prepare a sample report for vehicle repair and maintenance requirements as well as safety breaches.</li> <li>Role play on how to report hygiene and sanitation issues to appropriate authority</li> <li>Demonstrate how to provide first-aid in case of an accident.</li> <li>Apply appropriate corrective measures in case of accident</li> <li>Demonstrate the correct ways of washing hands using soap and water as well as sanitize them with alcoholbased sanitizers.</li> <li>Show how to use and dispose of relevant protective equipment as per tasks and work conditions.</li> </ul>
Classroom Aids	

Training kit (Trainer guide, Presentations), White board, Marker, Projector screen, Power Point Presentation Laptop with charger, Participant Handbook and Related Standard Operating Procedures, 2.1 Laptop External Speakers.

#### Tools, Equipment and Other Requirements

Personal Protection Equipment: Safety glasses, Sanitization kit, Hand gloves, Face masks, Safety shield, Fire extinguisher, First aid kit, etc.





## Module 3: Perform Waste Disposal and Material Conservation Activities Mapped to ASC/N9809, v 1.0

#### **Terminal Outcomes:**

- Employ effective waste management practices
- Discuss various conservation practices at the workplace

Duration: 04:00	Duration: 20:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul> <li>State the significance of greening.</li> <li>List the common sources of pollution and ways to minimize it.</li> <li>Discuss various types of waste (like dry, wet, recyclable, non-recyclable and items of single-use plastics) and usage of different colours of dustbins according to the waste type.</li> <li>Elaborate the importance of using the material and water effectively and efficiently at the workplace.</li> <li>List the ways to optimize usage of fuel (Petrol/diesel/CNG) in the vehicle.</li> <li>Explain different methods to check spills/leakages of fuel (Petrol/diesel/CNG), oil/coolant or water from the vehicle.</li> </ul>	<ul> <li>Demonstrate waste disposal procedures at the workplace depending on the types of waste.</li> <li>Apply appropriate techniques to check and plug spills/leakages in the vehicle.</li> <li>Dramatize a situation on how to escalate vehicle poor fuel economy, decrease in oil level, coolant or any water/oil leakage issues to appropriate authority.</li> <li>Show how to use resources in a responsible manner.</li> </ul>
Classroom Aids	
Training kit (Trainer guide, Presentations), White	· · · · · ·
Presentation Laptop with charger, Participant Ha	ndbook and Related Standard Operating
Procedures, 2.1 Laptop External Speakers.	

#### **Tools, Equipment and Other Requirements**

Different type of waste bins to collect and segregate waste for disposal





## Module 4: Examine Roadworthiness of the Vehicle and Drive the LMV as per Standard

### Mapped to ASC/N9704, v 2.0

#### **Terminal Outcomes:**

- Perform the steps to examine the roadworthiness of the vehicles.
- Demonstrate the pre-driving and driving activities conforming to the LMV standard driving practices.

<ul> <li>Theory - Key Learning Outcomes</li> <li>Discuss the legal, technical, safety and compliance requirements, like pollution test, load limit, etc. as well as roadworthiness parameters for Light Motor Vehicles.</li> <li>Discuss the quality norms and standards prescribed in the Quality Manual by the organization.</li> <li>Describe basic functionalities of the technical equipment of the vehicle.</li> <li>State the importance of examining the standard check list for the vehicle before the trip.</li> <li>Describe safe and fuel-efficient driving techniques.</li> <li>Explain the standard escalation procedure regarding vehicle defects or deviation.</li> <li>Describe safe and fuel-efficient driving techniques.</li> <li>Explain the standard escalation procedure regarding vehicle defects or deviation.</li> <li>Demonstrate how to check the roadworthiness of the vehicle.</li> <li>Display pre-driving activities like shoulder checking, adjusting IRVM/ ORVM and releasing of handbrakes, etc.</li> <li>Demonstrate the procedure of safe driving starting from inserting or</li> </ul>
<ul> <li>compliance requirements, like pollution test, load limit, etc. as well as roadworthiness parameters for Light Motor Vehicles.</li> <li>Discuss the quality norms and standards prescribed in the Quality Manual by the organization.</li> <li>Describe basic functionalities of the technical equipment of the vehicle.</li> <li>State the importance of examining the standard check list for the vehicle before the trip.</li> <li>Describe safe and fuel-efficient driving techniques.</li> <li>Explain the standard escalation procedure regarding vehicle defects or deviation.</li> <li>Explain the standard escalation procedure regarding vehicle defects or deviation.</li> <li>Describe safe and fuel-efficient driving techniques.</li> <li>Explain the standard escalation procedure regarding vehicle defects or deviation.</li> <li>Demonstrate how to check the roadworthiness of the vehicle.</li> <li>Display pre-driving activities like shoulder checking, adjusting IRVM/ ORVM and releasing of handbrakes, etc.</li> <li>Demonstrate the procedure of safe</li> </ul>
pressing the ignition key/button.
Classroom Aids

#### Procedures, 2.1 Laptop External Speakers.

#### **Tools, Equipment and Other Requirements**

Light Motor Vehicle, Sample compliance requirements, like pollution test, load limit, etc.





## Module 5: Adhere to the Traffic Rules and Basic Troubleshooting Practices Mapped to ASC/N9704, v 2.0

#### **Terminal Outcomes:**

- Describe the local and state specific traffic rules and regulations.
- Demonstrate basic troubleshooting in case of any malfunction in the vehicle.
- Explain the procedure of reporting the malfunction of the vehicle to the Supervisor.

Duration: 5:00	Duration: 10:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul> <li>Discuss the related rules and sections of Motor Vehicle Act, 1988 as well as CMVR guidelines as stipulated by MoRTH and State Road Transport Authorities like RTOs.</li> <li>Listthe local and state specific driving laws and traffic regulations, including overloading.</li> <li>Discuss the road and traffic guidelines while driving, like avoiding excessive honking, speed, driving on high beam, loud music, and maintaining safe distance from other vehicles, keeping the vehicle within the prescribed speed limit at all times, etc.</li> <li>Discuss basic troubleshooting techniques for Light Motor Vehicle.</li> <li>Explain the standard procedure to take the vehicle to the service/repair point for corrective action, like parts replacements.</li> </ul>	<ul> <li>Apply appropriate practices to adhere to traffic rules while driving the vehicle.</li> <li>Demonstrate how to stop and park the vehicle at appropriate spots.</li> <li>Demonstrate how to monitor and respond appropriately to gauges, warning lights, CNG leakage etc. while driving.</li> <li>Show how to carry out a diagnostic check and conduct basic troubleshooting in case of any malfunction in the vehicle.</li> <li>Role play on how to report the exact nature of the problem to the Supervisor to get appropriate help from the command office.</li> </ul>
Classroom Aids	hand Markey Dusington Lantage with the second
Training kit (Trainer guide, Presentations), White Presentation, Participant Handbook and Related External Speakers.	

#### Tools, Equipment and Other Requirements

Light Motor Vehicle, Related spare parts, Sample traffic signals and Road signs.





## Module 6: Ensure Roadworthiness of the Electric Vehicle and Conform to CMVR and State Guidelines *Mapped to ASC/N9606, v 1.0*

#### **Terminal Outcomes:**

- Perform the steps to examine the roadworthiness of the Electrical Vehicle.
- Describe CMVR and State Guidelines related to Electrical Vehicle.

Duration: 34:00	Duration: 26:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul> <li>Describe the CMVR guidelines issued by MoRTH, RTOs and other relevant authorities for the Electric Vehicle.</li> <li>Explain the quality norms and standards prescribed for the EV in the Instructional Manual or Standard Operating system (SOP).</li> <li>State the importance of ensuring the availability of required tools for the basic maintenance of the EV as mentioned in as per the Work Instructions/SOPs</li> <li>Discuss the basic functionalities and driving techniques of the Electric Vehicle (EV).</li> <li>List the required tools required for the basic maintenance of the EV</li> <li>Compare between the basics of driving an Electric Vehicle as against an Internal Combustion (IC) Engine vehicle.</li> <li>Describe various types of batteries used in the EV and their maintenance procedures.</li> <li>Discuss related electronic systems including active and passive safety systems specific to EV.</li> <li>State the tippes of charging Procedures (SOP) while identifying the basic electrical faults in the EV.</li> <li>Discuss various tools and their usage to diagnose technical faults in the EV.</li> <li>Identify the standard symbols and signages used in the EV</li> </ul>	<ul> <li>Apply appropriate practices to identify related dashboard's signs, signals, sensors, switches, gauges, Human Machine Interface (HMI) and Electronic Instrument Cluster (EIC) related to the EV.</li> <li>Show how to charge an Electric Vehicle and ensure optimum charging.</li> <li>Demonstrate how to use the lights, ignition, electronic and air-conditioning systems etc.</li> <li>.</li> <li>Demonstrate how to identify the basic electrical/electronic faults in the EV.</li> <li>Prepare sample statutory documentation relevant to safety.</li> </ul>





#### **Classroom Aids**

Training kit (Trainer guide, Presentations), White board, Marker, Projector, Laptop with charger, Presentation, Participant Handbook and Related Standard Operating Procedures, 2.1 Laptop External Speakers.

**Tools, Equipment and Other Requirements** Electrical Vehicle and Related spare parts.

#### Module 7: Introduction to Employability Skills

#### Mapped to DGT/VSQ/N0101

#### **Terminal Outcomes:**

• Discuss about Employability Skills in meeting the job requirements

Duration: <0.5:00>		
Practical – Key Learning Outcomes		
Demonstrate Employability Skills		

## Module 8: Constitutional values - Citizenship Mapped to DGT/VSQ/N0101

#### **Terminal Outcomes:**

• Discuss about constitutional values to be followed to become a responsible citizen

Duration: <0.5:00>	Duration: <0.5:00>			
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes			
• Explain constitutional values, civic rights, duties, citizenship, responsibility towards society etc. that are required to be followed to become a responsible citizen.	<ul> <li>Show how to practice different environmentally sustainable practices</li> </ul>			
Classroom Aids:				
Whiteboard, marker pen, projector				
Tools, Equipment and Other Requirements				





## Module 9: Becoming a Professional in the 21st Century Mapped to DGT/VSQ/N0101

#### **Terminal Outcomes:**

• Demonstrate professional skills required in 21<sup>st</sup> century

Duration: <0.5:00>	Duration: <0.5:00>
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
Discuss 21st century skills.	<ul> <li>Display positive attitude, self -motivation, problem solving, time management skills and continuous learning mindset in different situations.</li> </ul>
Classroom Aids:	
Whiteboard, marker pen, projector	
<b>Tools, Equipment and Other Requirements</b>	

#### Module 10: Basic English Skills

#### Mapped to DGT/VSQ/N0101

#### **Terminal Outcomes:**

• Practice basic English speaking.

Duration: <1:00>	Duration: <1:00>           Practical – Key Learning Outcomes			
heory – Key Learning Outcomes				
Discuss need of basic English skills.	Use appropriate basic English sentences/phrases while speaking			
Classroom Aids:				
Whiteboard, marker pen, projector				
Tools, Equipment and Other Requirements				





## Module 11: Communication Skills Mapped to DGT/VSQ/N0101

Terminal Outcomes:

• Practice basic communication skills.

Duration: <1.5:00>	Duration: <2.5:00>
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul> <li>Discuss need of communication skills</li> <li>Describe importance of team work</li> </ul>	<ul> <li>Demonstrate how to communicate in a well -mannered way with others.</li> <li>Demonstrate working with others in a team</li> </ul>
Classroom Aids:	
Whiteboard, marker pen, projector	
Tools, Equipment and Other Requirements	

### Module 12: Diversity & Inclusion

### Mapped to DGT/VSQ/N0101

#### **Terminal Outcomes:**

• Describe PwD and gender sensitisation.

Duration: <0.5:00>	Duration: <0.5:00>			
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes			
Discuss the significance of reporting sexual harassment issues in time	<ul> <li>Show how to conduct oneself appropriately with all genders and PwD</li> </ul>			
Classroom Aids:				
Whiteboard, marker pen, projector				
Tools, Equipment and Other Requirements				





## Module 13: Financial and Legal Literacy Mapped to DGT/VSQ/N0101

#### **Terminal Outcomes:**

• Describe ways of managing expenses, income, and savings.

Duration: <1.5:00>	Duration: <2.5:00>			
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes			
<ul> <li>Discuss the significance of using financial products and services safely and securely.</li> <li>Explain the importance of managing expenses, income, and savings.</li> <li>Explain the significance of approaching the concerned authorities in time for any exploitation as per legal rights and laws</li> </ul>	<ul> <li>Demonstrate ways of managing expenses, income, and savings.</li> </ul>			
Classroom Aids:				
Whiteboard, marker pen, projector				
Tools, Equipment and Other Requirements				

#### Module 14: Essential Digital Skills

#### Mapped to DGT/VSQ/N0101

#### **Terminal Outcomes:**

• Demonstrate procedure of operating digital devices and associated applications safely.

Duration: <1:00>	Duration: <2:00>		
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes		
• Discuss the significance of using internet for browsing, accessing social media platforms, safely and securely	• Show how to operate digital devices and use the associated applications and features, safely and securely		
Classroom Aids:			
Whiteboard, marker pen, projector			

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## Module 15: Entrepreneurship Mapped to DGT/VSQ/N0101

#### **Terminal Outcomes:**

• Describe opportunities as an entrepreneur.

Duration: <2.5:00>	Duration: <4.5:00>		
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes		
<ul> <li>Discuss the need for identifying opportunities for potential business, sources for arranging money and potential legal and financial challenges</li> </ul>	<ul> <li>Demonstrate ways for identifying opportunities for potential business, sources for arranging money and potential legal and financial challenges</li> </ul>		
Classroom Aids:			
Whiteboard, marker pen, projector			
Tools, Equipment and Other Requirements			

#### **Module 16: Customer Service**

#### Mapped to DGT/VSQ/N0101

#### **Terminal Outcomes:**

• Describe ways of maintaining customer.

Duration: <1.5:00>	Duration: <2.5:00>			
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes			
<ul> <li>Differentiate between types of customers.</li> <li>Explain the significance of identifying customer needs and addressing them.</li> <li>Discuss the significance of maintaining hygiene and dressing appropriately.</li> </ul>	<ul> <li>Show how to maintain hygiene and dressing appropriately.</li> </ul>			
Classroom Aids:				
Whiteboard, marker pen, projector				
Tools, Equipment and Other Requirements				





## Module 17: Getting ready for apprenticeship & Jobs Mapped to DGT/VSQ/N0101

#### **Terminal Outcomes:**

• Describe ways of preparing for apprenticeship & Jobs appropriately.

Duration: <1:00>	Duration: <1:00>			
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes			
<ul> <li>Discuss the significance of dressing up neatly and maintaining hygiene for an interview</li> <li>Discuss how to search and register for apprenticeship opportunities</li> </ul>	<ul> <li>Create a biodata</li> <li>Use various sources to search and apply for jobs</li> </ul>			
Classroom Aids:				
Whiteboard, marker pen, projector				
Tools, Equipment and Other Requirements				





## Annexure

## **Trainer Requirements**

Trainer Prerequisites						
Minimum Educational	-1		-		ing ience	Remarks
Qualification	Years	Specialization	Years	Specialization		
Graduate	Any discipline	2	Driving	1	Driving	
Graduate	Any discipline	3	Driving	0	Driving	Should have 5 years old driving
Certificate- NSQF	Driver Trainer L5	2	Driving	1	Driving	license of the same category
ITI	Mechanic Motor Vehicle	2	Driving	1	Driving	
ITI	Mechanic Motor Vehicle	3	Driving	0	Driving	

Trainer Certification		
Domain Certification	Platform Certification	
"Light Motor Vehicle Driver", "ASC/Q9702, Version 2.0", Minimum accepted score is 80%	Recommended that the trainer is certified for the job role "Trainer (VET and Skills)", Mapped to Qualification Pack: MEP/Q2601, V2.0" Minimum accepted score is 80%	





## **Assessor Requirements**

Assessor Prerequisites						
Minimum Specialization Educational Qualification	Specialization	Relevant Industry Experience		Traini Exper	ing ience	Remarks
	Years	Specialization	Years	Specialization		
Graduate	Any discipline	3	Driving	1	Driving	
Graduate	Any discipline	4	Driving	0	Driving	Should have 5 years old driving
Certificate- NSQF	Driver Trainer L5	3	Driving	1	Driving	license of the same category
ITI	Mechanic Motor Vehicle	3	Driving	1	Driving	
ITI	Mechanic Motor Vehicle	4	Driving	0	Driving	

Assessor Certification			
Domain Certification	Platform Certification		
"Light Motor Vehicle Driver", "ASC/Q9702, Version 2.0", Minimum accepted score is 80%	Recommended that the Accessor is certified for the job role "Assessor (VET and Skills)", Mapped to Qualification Pack: MEP/Q2701, V2.0" Minimum accepted score is 80%.		





### **Assessment Strategy**

This section includes the processes involved in identifying, gathering and interpreting information to evaluate the learner on the required competencies of the program.

- 1. Assessment System Overview:
  - Batches assigned to the assessment agencies for conducting the assessment on SDSM/SIP or email
  - Assessment agencies send the assessment confirmation to VTP/TC looping SSC
  - Assessment agency deploys the ToA certified Assessor for executing the assessment
  - SSC monitors the assessment process & records
  - If the batch size is more than 30, then there should be 2 Assessors.
- 2. Testing Environment: Assessor must:
  - Confirm that the centre is available at the same address as mentioned on SDMS or SIP
  - Check the duration of the training.
  - Check the Assessment Start and End time to be as 10 a.m. and 5 p.m.
  - Check that the allotted time to the candidates to complete Theory & Practical Assessment is correct.
  - Check the mode of assessment—Online (TAB/Computer) or Offline (OMR/PP).
  - Confirm the number of TABs on the ground are correct to execute the Assessment smoothly.
  - Check the availability of the Lab Equipment for the particular Job Role.
- 3. Assessment Quality Assurance levels / Framework:
  - Question papers created by the Subject Matter Experts (SME)
  - Question papers created by the SME verified by the other subject Matter Experts
  - Questions are mapped with NOS and PC
  - Question papers are prepared considering that level 1 to 3 are for the unskilled & semi-skilled individuals, and level 4 and above are for the skilled, supervisor & higher management
  - Assessor must be ToA certified & trainer must be ToT Certified.
- 4. Types of evidence or evidence-gathering protocol:
  - Time-stamped & geotagged reporting of the assessor from assessment location
  - Centre photographs with signboards and scheme specific branding
  - Biometric or manual attendance sheet (stamped by TP) of the trainees during the training period
  - Time-stamped & geotagged assessment (Theory + Viva + Practical) photographs & videos
- 5. Method of verification or validation:
  - Surprise visit to the assessment location
  - Random audit of the batch
  - Random audit of any candidate
- 6. Method for assessment documentation, archiving, and access
  - Hard copies of the documents are stored





• Soft copies of the documents & photographs of the assessment are uploaded / accessed from Cloud Storage and are stored in the Hard Drives





## References

## Glossary

Sector	Sector is a conglomeration of different business operations having similar business and interests. It may also be defined as a distinct subset of the economy whose components share similar characteristics and interests.
Sub-sector	Sub-sector is derived from a further breakdown based on the characteristics and interests of its components.
Occupation	Occupation is a set of job roles, which perform similar/related set of functions in an industry.
Job role	Job role defines a unique set of functions that together form a unique employment opportunity in an organization.
Occupational Standards (OS)	OS specify the standards of performance an individual must achieve when carrying out a function in the workplace, together with the Knowledge and Understanding (KU) they need to meet that standard consistently. Occupational Standards are applicable both in the Indian and global contexts.
Performance Criteria (PC)	Performance Criteria (PC) are statements that together specify the standard of performance required when carrying out a task.
National Occupational Standards (NOS)	NOS are occupational standards which apply uniquely in the Indian context.
Qualifications Pack (QP)	QP comprises the set of OS, together with the educational, training and other criteria required to perform a job role. A QP is assigned a unique qualifications pack code.
Unit Code	Unit code is a unique identifier for an Occupational Standard, which is denoted by an 'N'
Unit Title	Unit title gives a clear overall statement about what the incumbent should be able to do.
Description	Description gives a short summary of the unit content. This would be helpful to anyone searching on a database to verify that this is the appropriate OS they are looking for.
Scope	Scope is a set of statements specifying the range of variables that an individual may have to deal with in carrying out the function which have a critical impact on quality of performance required.







Knowledge and Understanding (KU)	Knowledge and Understanding (KU) are statements which together specify the technical, generic, professional and organizational specific knowledge that an individual needs in order to perform to the required standard.
Organizational Context	Organizational context includes the way the organization is structured and how it operates, including the extent of operative knowledge managers have of their relevant areas of responsibility.
Technical Knowledge	Technical knowledge is the specific knowledge needed to accomplish specific designated responsibilities.
Core Skills/Generic Skills (GS)	Core skills or Generic Skills (GS) are a group of skills that are the key to learning and working in today's world. These skills are typically needed in any work environment in today's world. These skills are typically needed in any work environment. In the context of the OS, these include communication related skills that are applicable to most job roles.
Electives	Electives are NOS/set of NOS that are identified by the sector as contributive to specialization in a job role. There may be multiple electives within a QP for each specialized job role. Trainees must select at least one elective for the successful completion of a QP with Electives.
Options	Options are NOS/set of NOS that are identified by the sector as additional skills. There may be multiple options within a QP. It is not mandatory to select any of the options to complete a QP with Options.





## Acronyms and Abbreviations

Term	Description
QP	Qualification Pack
OS	Occupational Standard
NSQF	National Skills Qualification Framework
NSQC	National Skills Qualification Committee
NOS	National Occupational Standards
TVET	Technical and Vocational Education and Training
SOP	Standard Operating Procedure
OEM	Original Equipment Manufacturer
PPE	Personal Protective Equipment
GPS	Global Positioning System
RTO	Regional Transport Office
CMVR	Central Motor Vehicles Rules
HMI	Human Machine Interface
EIC	Electronic Instrument Cluster