







Model Curriculum

QP Name: Driver Trainer - LMV

QP Code: ASC/Q9708

QP Version: 2.0

NSQF Level: 5

Model Curriculum Version: 1.0

Automotive Skill Development Council || 153, GF, Okhla Industrial Area, Phase 3, New Delhi 110020







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Training Parameters

Sector	Automotive
Sub-Sector	Road Transportation
Occupation	Driving
Country	India
NSQF Level	5
Aligned to NCO/ISCO/ISIC Code	NCO-2015/NIL
Minimum Educational Qualification and Experience	I.T.I. with 6 years' experience of driving motor vehicle
Pre-Requisite License or Training	Valid LMV Permanent/Learner license, Assessment conducted only after permanent driving license
Minimum Job Entry Age	20 years
Last Reviewed On	30/09/2021
Next Review Date	30/09/2024
NSQC Approval Date	30/09/2021
QP Version	1.0
Model Curriculum Creation Date	30/09/2021
Model Curriculum Valid Up to Date	30/09/2024
Model Curriculum Version	1.0
Minimum Duration of the Course	460 Hours, 0 Minutes
Maximum Duration of the Course	460 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
- Discuss effective electricity conservation and waste management
- Employ appropriate practices to communicate effectively with customer, colleagues, and superiors to achieve a smooth workflow
- Perform the steps to drive the vehicle while conforming to the standard rules and regulations
- Apply proper process of preparing for training of LMV vehicle drivers
- Employ appropriate procedure to provide training for LMV vehicle drivers

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	08:00	00:00	00:00	00:00	08:00
Module 1: Introduction to Automotive Industry and Driver Trainer- LMV	08:00	00:00	00:00	00:00	08:00
ASC/N9816 – Manage Work and Resources (Road Transportation) NOS Version No. 1.0 NSQF Level 5	24:00	36:00	00:00	00:00	60:00
Module 2: Ensure Safety, Security and Quality Standard at the Workplace	16:00	20:00	00:00	00:00	36:00
Module 3: Perform Waste Disposal and Material Conservation Activities	08:00	16:00	00:00	00:00	24:00
ASC/N9817 Interact Effectively with Team, Customers and Others (Road Transportation)	16:00	32:00	00:00	00:00	48:00
NOS Version No. 1.0					







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NSQF Level 5					
Module 4: Maintain Effective Communication and Inclusivity at Workplace	16:00	32:00	00:00	00:00	48:00
ASC/ N9704 - Drive Responsibly and Ensure Road Worthiness of Vehicle NOS Version No. 1.0 NSQF Level 3	40:00	80:00	00:00	00:00	120:00
Module 5: Examine Roadworthiness of the Vehicle and Drive the LMV as per Standard	24:00	32:00	00:00	00:00	56:00
Module 6: Adhere to the Traffic Rules and Basic Troubleshooting Practices	16:00	48:00	00:00	00:00	64:00
ASC/N9717-Prepare for Training NOS Version No. 2.0	16:00	32:00	00:00	00:00	48:00
Module 7: Prepare for Training	16:00	32:00	00:00	00:00	48:00
ASC/N9718- Train LMV Vehicle Drivers Version No. 2.0 NSQF Level 5	32:00	72:00	00:00	00:00	104:00
Module 8: Conduct Training	16:00	32:00	00:00	00:00	48:00
Module 9: Perform Post-training Activities and Maintain Records	16:00	40:00	00:00	00:00	72:00
ASC/N9606 – Ensure Roadworthiness of Electric Vehicles (EV) NOS Version No. 2.0 NSQF Level 3	32:00	40:00	00:00	00:00	72:00
Module 10: Ensure Roadworthiness of the Electric Vehicle and Conform to CMVR and State Guideline	32:00	40:00	00:00	00:00	72:00
Total Duration	168:00	292:00	00:00	00:00	460:00













Module Details

Module 1: Introduction to Automotive Industry and Driver Trainer-LMV *Bridge Module*

Terminal Outcomes:

- Outline the overview of Skill India Mission
- Describe the scope of Automotive Industry
- Define the role and responsibilities of Driver Trainer-LMV

Duration: <i>08:00</i>	Duration : <i>00:00</i>
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
 Discuss the objectives and benefits of the Skill India Mission Describe the scope of Indian Automotive Industry and its sub-sectors Explain basic terminologies and road safety signs used in Road Transport and Driving industry Discuss job role and opportunities for a Driver Trainer in the Automotive Industry Explain standard code of ethics and professional practices to be adhered by a Driver Trainer 	NA

Classroom Aids

Whiteboard, Flip Chart, Markers, Duster, Projector, Laptop with charger, Projector screen, Power Point Presentation, 2.1 Laptop External Speakers.

Tools, Equipment and Other Requirements

NA







Module 2: Ensure Safety, Security and Quality Standard at the Workplace Mapped to ASC/ N9816, v 1.0

Terminal Outcomes:

- Explain the standard ways to deal with workplace hazards
- Describe the ways to minimize potential risks and accidents
- Apply appropriate practices to escalate any breach in health, safety and security policies

Duration: 16:00

Theory – Key Learning Outcomes

• Elaborate the standard health, safety, security and emergency procedure to

be followed by a Chauffeur

- Discuss various hazardous activities at the workplace, causes of workplace hazards, risks and accidents, preventive measures to be taken as well as the procedures to deal with the same
- State the importance of proper arrangement of all the tools, equipment, spare parts, etc. as per standards
- Describe various methods to implement ways to manage time, resources and cost effectively
- State the significance of taking accountability for timely completion of tasks
- Discuss the standard procedure to report the hazards as well as limits of responsibility to deal with these hazards
- Explain various types of safety signs and their meaning
- Discuss relevant standards, procedures and policies related to 5S to be followed during working hours
- Discuss the usage of the various materials and their storage norms

Duration: 20:00

Practical – Key Learning Outcomes

- Apply appropriate practices to identify various hazardous activities and possible causes of risks or accidents at the workplace
- Roleplay on how to report breaches in health, safety and security policies and procedures during performing duty and escalate it to the designated person
- Apply appropriate inspection methods to check the vehicle to avoid potential accident like, tyre air pressure, headlights working brakes, suspension as per standards
- Demonstrate standard procedures to be followed in case of emergencies and the evacuation procedures for workers and visitors
- Apply appropriate practices to ensure cleanliness in the work area
- Employ appropriate practices to identify work requirements
- Perform the activities to identify the work that does not comply with the requirements and quality standards and ensure corrective action for the same
- Apply appropriate practices to analyse and validate the problem accurately and provide solution by communicating with the concerned person
- Demonstrate appropriate first aid treatment in case of emergency, like bleeding, minor burns, eye injuries etc.

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/N9816 v 1.0

Terminal Outcomes:

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

Duration: 08:00 **Duration**: 16:00 **Practical – Key Learning Outcomes Theory – Key Learning Outcomes** State the significance of greening Apply appropriate practices to identify processes where material and Describe the procedure and importance of efficient utilisation of energy/electricity utilization can be resources like material and water optimized Discuss the basics of electricity and use Roleplay on how to identify possibilities of prevalent energy efficient devices of using renewable energy and environment friendly fuels List the common practices for Apply appropriate inspection method conserving electricity to checks for spills/leakages at the Explain the common sources of workplace pollution and ways to minimize it Show how to take corrective actions for Categorize types of waste, such as dry, spillage and leakage and escalate the wet, recyclable, non-recyclable items of issues of spillage or leakage to single-use plastics, etc. appropriate authority if unable to Explain to adopt effective waste rectify management techniques Apply appropriate practices to ensure recyclable, non-recyclable and hazardous wastes are segregated as per standards and standard mechanism is followed while collecting and disposing of non-recyclable, recyclable and reusable waste

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

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







Module 4: Maintain Effective Communication and Inclusivity at Workplace *Mapped to ASC/N9817, v 1.0*

Terminal Outcomes:

- Explain professional protocols and etiquette of effective communication to be followed with customers, colleagues, and superiors.
- Discuss various ways to show sensitization towards different age groups, gender and persons with disabilities.

Duration: 16:00	Duration: 32:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
 State the significance of showing respect towards customers as well as colleagues Discuss different methods of communication as per the circumstances and how to follow standards, policies and procedures pertaining to written and verbal communication State the importance of communicating clearly with team members regarding work requirements and significance of keeping the commitments and explain with valid reasons if there is any discrepancies State the importance of effective communication and procedure for establishing good relationships at work with supervisor and team members Discuss the standard guidelines, rights and duties at the workplace with regards to Persons with disability State the importance of respecting personal space of colleagues and customers Explain the gender-based concepts, issues and legislation as per standard 	 Role play a situation on how to welcome, greet and communicate with customers Dramatize a situation on how to train the team members to report completed work and take feedback from seniors for improvements Show how to encourage team members to rectify errors as per feedback for minimizing mistakes in future Role play on how to escalate unresolved problems to superiors Dramatize a situation on how to communicate, respect the differences and help the team members and customers of different genders and persons with disability as per standards

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

Sample of escalation matrix and Organisation structure.







Module 5: 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.

Duration: 24:00 **Duration**: 32:00 **Theory - Key Learning Outcomes Practical – Key Learning Outcomes** Discuss the legal, technical, safety and Apply appropriate techniques to compliance requirements, like pollution perform routine checks on the vehicle test, load limit, etc. as well as for tyre pressure, fuel. roadworthiness parameters for Light (Petrol/diesel/CNG) level, working of Motor Vehicles. headlights and brakes, CNG cylinder Discuss the quality norms and valves, gauges, warning lights, etc. standards prescribed in the Quality Employ appropriate practices to check Manual by the organization. vehicle service record for any history of technical defects or immediate need Describe basic functionalities of the for servicing like oil/filter change, etc. technical equipment of the vehicle. State the importance of examining the Prepare sample deviation report as per standard check list for the vehicle observation while carrying out checks before the trip. Draft a sample to-do list for repair Describe safe and fuel-efficient driving requirement. Demonstrate how to check the techniques. roadworthiness of the vehicle. Explain the standard escalation procedure regarding vehicle defects or Create a sample report regarding actual deviation. or potential defects and deviations in the vehicle. Display pre-driving activities like shoulder checking, adjusting IRVM/ ORVM and releasing of handbrakes, etc. Demonstrate the procedure of safe driving starting from inserting or pressing the ignition key/button.

Classroom Aids

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

Tools, Equipment and Other Requirements

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







Module 6: 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: 16:00 **Duration**: 48:00 **Theory – Key Learning Outcomes Practical – Key Learning Outcomes** Discuss the related rules and sections Apply appropriate practices to adhere of Motor Vehicle Act, 1988 as well as to traffic rules while driving the vehicle. CMVR guidelines as stipulated by Demonstrate how to stop and park the MoRTH and State Road Transport vehicle at appropriate spots. Authorities like RTOs. Demonstrate how to monitor and Listthe local and state specific driving respond appropriately to gauges, laws and traffic regulations, including warning lights, CNG leakage etc. while overloading. driving. Discuss the road and traffic guidelines Show how to carry out a diagnostic while driving, like avoiding excessive check and conduct basic honking, speed, driving on high beam, troubleshooting in case of any loud music, and maintaining safe malfunction in the vehicle. distance from other vehicles, keeping Role play on how to report the exact the vehicle within the prescribed speed nature of the problem to the Supervisor limit at all times, etc. to get appropriate help from the Discuss basic troubleshooting command office. techniques for Light Motor Vehicle. Explain the standard procedure to take the vehicle to the service/repair point for corrective action, like parts

Classroom Aids

replacements.

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

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







Module 7: Prepare for Training Mapped to ASC/N9717, v 2.0

Terminal Outcomes:

- Perform the steps to check the vehicles and related before training
- Apply proper process to assess and arrange training environment requirements like venue, tools, equipment, materials, space, layout and seating arrangements, stationery, etc.
- Describe the methods for preparing and modify of session plan for the class room training

Duration: 16:00 Theory – Key Learning Outcomes

Discuss the standard checklist for conducting basic checks on the vehicle and ensuring correct levels of the engine oil, coolant, battery fluid level, brake oil level, water in windshield storage tank, position of gear lever,

- State minimum pressure to be maintained in all vehicle's tyre
- List the types of tools to be kept in tool box

rear differential, and working of clutch

- Explain the procedure to check for any damages in the vehicle, ensuring all vehicle lights, wiper, steering and horn are in good working condition and report to the authorized person in case of any malfunctioning
- Explain standard training and assessment system policies and procedures such as candidate selection, rationale and purpose of competencybased assessment as well as training documentation to determine acceptable standards of knowledge and performance required from the trainee drivers
- Discuss the procedure to obtain details of the trainees from authorized sources and identify them on the basis of group and individual trainee driver needs, and relevant characteristics
- Describe the methods to prepare and modify lesson and session plans for the classroom training
- Elaborate the procedure to set up training facilities, training equipment and tools during training session
- State the significance of ensuring the

Duration: 32:00

Show how to inspect all the tyres including a page to the facilities of the second seco

Practical – Key Learning Outcomes

- including spare tyre for inflation with checks made by pressure gauge to ensure correct pressure readings
 Apply appropriate inspection techniques to check proper functioning
- Apply appropriate inspection techniques to check proper functioning of all vehicle lights, wipers, steering and horn as well as exterior and interior parts of the vehicle properly for any damages to outer body panels, head/tail/interior lights, front and rear wind shield, other glass parts and door mirrors
- Apply proper process to assess training environment through venue, available tools, equipment's, materials, space, layout and proper seating arrangements, stationery, etc. as well as identify constraints impacting training delivery and relevant risks
- Employ proper practices to assist senior management with session plans or activity cum lesson plan
- Prepare a sample session plan and modify a pre-existing plan
- Apply appropriate procedure to document the training session plans for each segment of the learning program in prescribed and standard templates







availability of adequate training material, facility, tools and equipment to ascertain risk free, and wellequipped training area with necessary health and safety resources

 List competency-based curriculum documents, learning materials and subjects to be included in training programme

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

Vehicle and Related spare parts, tools, equipment etc., Sample session plans or activity cum lesson plan







Module 8: Conduct Training Mapped to ASC/N9718, v 2.0

Terminal Outcomes:

- Apply proper process to ensure that training schedule as per the number of participants to be trained and course duration defined in model curriculum (MC)
- Describe the methods of classroom training aids such as written, oral, visual, audio visual,
 etc
- Employ proper practices to complete training within scheduled time

Duration: *16:00* **Duration**: *32:00* **Theory – Key Learning Outcomes Practical – Key Learning Outcomes** Discuss individual training needs and Roleplay how to deliver the training requirements using effective and appropriate pedagogy as per the course content • State the significance of ensuring the and participants preparation of training schedule is as per the number of participants to be Show how to conduct practical training trained and prescribed duration in the sessions on set route for practicing/testing the participants on vehicle driving State the significance of checking and ensuring that each trainee enrolled for Dramatize a situation to maintain the the course have gone through standard discipline during the practical training pre-evaluation process session and ensure that all the trainees drive the vehicle within the designated Explain various classroom training aids locations only and follow health and such as written, oral, visual, audio visual, etc. and effective methods to safety guidelines during practical utilize the training resources. training Describe effective pedagogies, subject Apply proper methods to monitor matter and content design methods for trainee driver's progress to ensure training achievement of training outcomes and fulfilment of individual trainee driver Explain the standard procedure to needs conduct theory as well as practical training Discuss the standard procedure to improve and enrich the content in coordination with senior management Outline the importance of completing training within scheduled time

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

Vehicle, Sample list of trainee and MC





Apply appropriate practices to secure, label and pack the evidence accurately



Module 9: Perform Post-training Activities and Maintain Records *Mapped to ASC/N9718, v 2.0*

Terminal Outcomes:

- Describe the post-training activities, such as address the queries, clear doubts and provide feedback to the participants etc.
- Apply proper procedure to conduct assessment of the trained driver as per ASDC assessment criteria
- Employ appropriate process to maintain and store trainee driver records according to requirements

Duration: 16:00 Duration: 40:00 **Practical – Key Learning Outcomes** Theory – Key Learning Outcomes Discuss various post-training activities Role play on how to address the State the importance of ensuring queries and doubts of the participants and provide them appropriate feedback cleanliness and tidiness of the training area/vehicle Apply proper process to store and Describe the procedure to conduct maintain relevant records related to assessment of the trained driver as per training and secure equipment and tools in safe places ASDC assessment criteria Explain effective performance Roleplay on how to observe and evaluation methodologies and evaluate trainee driver's performance procedure to record trainee driver's constantly on both theory and practical grounds as per performance criteria performance feedback and provide feedback State the significance of ensuring Show how to record and share availability of necessary and adequate feedback on trainee driver performance tools, equipment and materials for with management as well as the trainee conducting assessment as per participating candidates driver Dramatize how to explain the purpose Describe the effective methods to of the formative assessment to the record assessment procedures and trainee driver and assessment criteria maintain trainee driver assessment details before conducting the assessment List the trainee driver records to be Apply proper process to assess the trainees as per assessment criteria maintained during the training as per standard using various modes of assessment State the significance of completing Employ appropriate methods to record the assessment process using the trainee driver assessment records accurately and submit or process in the technology while conducting specified timeframes assessment activities such as video evidence of skills/performance, recording of oral evidence, computerbased/online testing, etc. Prepare a sample document for the results of the participants on paper templates, online forms and templates







as per standard procedures

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

Sample training relevant records, Sample list of queries related to training, Required tools, equipment and materials for candidates, Sample assessment records, Sample template for document the results







Module 10: 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: 32:00

Theory – Key Learning Outcomes

Describe the CMVR guidelines issued by MoRTH, RTOs and other relevant authorities for the Electric Vehicle.

- Explain the quality norms and standards prescribed for the EV in the Instructional Manual or Standard Operating system (SOP).
- 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
- Discuss the basic functionalities and driving techniques of the Electric Vehicle (EV).
- List the required tools required for the basic maintenance of the EV
- Compare between the basics of driving an Electric Vehicle as against an Internal Combustion (IC) Engine vehicle.
- Describe various types of batteries used in the EV and their maintenance procedures.
- Discuss different functions of a battery
- State the types of charging connector and time required for a full charge using either fast or slow chargers.
- Discuss related electronic systems including active and passive safety systems specific to EV.
- State the importance of applying the OEM's Standard Operating Procedures (SOP) while identifying the basic electrical faults in the EV.
- Discuss various tools and their usage to diagnose technical faults in the EV.
- Identify the standard symbols and signages used in the EV

Duration: 40:00

Practical – Key Learning Outcomes

- 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.
- Show how to charge an Electric Vehicle and ensure optimum charging.
- Demonstrate how to use the lights, ignition, electronic and air-conditioning systems etc.
- •
- Demonstrate how to identify the basic electrical/electronic faults in the EV.
- Prepare sample statutory documentation relevant to safety.







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.







Annexure

Trainer Requirements

	Trainer Prerequisites					
Minimum Specialization Educational	Specialization	Relevant Industry Experience		Training Experience		Remarks
Qualification		Years	Specialization	Years	Specialization	
Graduate	Any discipline	3	Driving	1	Driving	Should
Graduate	Any discipline	4	Driving	0	Driving	have 5 years old driving license
ITI	Mechanic Motor Vehicle	3	Driving	1	Driving	of the same category
ITI	Mechanic Motor Vehicle	4	Driving	0	Driving	

Trainer Certification				
Domain Certification	Platform Certification			
"Driver Trainer - LMV", "ASC/Q9708, Version 2.0", Minimum accepted score is 80%	"Trainer", "MEP/Q2601, V1.0" with a scoring of minimum 80%			







Assessor Requirements

	Assessor Prerequisites					
Minimum Educational			ant Industry ience	Traini	ng Experience	Remarks
Qualification		Years	Specialization	Years	Specialization	
Graduate	Any discipline	4	Driving	1	Driving	Should
Graduate	Any discipline	5	Driving	0	Driving	have 5 years old driving license
ITI	Mechanic Motor Vehicle	4	Driving	1	Driving	of the same category
ITI	Mechanic Motor Vehicle	5	Driving	0	Driving	

Assessor Certification				
Domain Certification	Platform Certification			
"Driver Trainer - LMV", "ASC/Q9708, Version 2.0", Minimum accepted score is 80%	"Assessor", "MEP/Q2701, V1.0" with the scoring of minimum 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 should be verified by the other subject Matter Experts along with the approval required from THSC
- Questions are mapped with NOS and PC
- Question papers are prepared considering that level 1 to 3 is for the unskilled & semiskilled individuals, and level 4 and above are for the skilled, supervisor & higher management
- Assessor must be ToA certified
- Assessment agency must follow the assessment guidelines to conduct the assessment

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