



# Model Curriculum

**QP Name: Cargo Vehicle Driver (Non-hazardous Goods)**

**(Electives: Multi Axle Vehicle/ Over-Dimensional Vehicle/ Medium Commercial Vehicle)**

**QP Code: LSC/Q1301**

**QP Version: 1.0**

**NSQF Level: 4**

**Model Curriculum Version: 1.0**

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## Training Parameters

<b>Sector</b>	Logistics
<b>Sub-Sector</b>	Land Transportation
<b>Occupation</b>	Vehicle/Transport Operations
<b>Country</b>	India
<b>NSQF Level</b>	4
<b>Aligned to NCO/ISCO/ISIC Code</b>	NCO-2015/8332
<b>Minimum Educational Qualification and Experience</b>	8th Class pass + 3 years of experience as LMV Driver (Should have the ability to read and write in English + at least 1 official language)  OR  8th Class pass + HVM Driver (as per regulations vide HVM Driving License)
<b>Pre-Requisite License or Training</b>	HVM License
<b>Minimum Job Entry Age</b>	19 Years
<b>Last Reviewed On</b>	31-08-2023
<b>Next Review Date</b>	31-08-2026
<b>NSQF Approval Date</b>	31-08-2023
<b>QP Version</b>	1.0
<b>Model Curriculum Creation Date</b>	17-05-2023
<b>Model Curriculum Valid Up to Date</b>	31-08-2026
<b>Model Curriculum Version</b>	1.0
<b>Minimum Duration of the Course</b>	420 hours
<b>Maximum Duration of the Course</b>	540 hours

## 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:

- Detail the various functions of a cargo vehicle driver
- Discuss the documents involved in transport
- Describe the steps involved in preparing the vehicle
- Demonstrate the process of loading the cargo
- List the traffic rules and regulations
- Demonstrate the use of gear, steering, braking system and accelerator steadily and effectively
- Explain the defensive driving techniques
- Ensure the safety of goods during halts, breakdowns etc
- Describe the application of health and safety practices at the workplace
- Discuss the Employability Skills required for jobs in various industries
- Explain the constitutional values, including civic rights and duties, citizenship, responsibility towards society and personal values and ethics such as honesty, integrity, caring and respecting others that are required to become a responsible citizen
- Discuss how to identify opportunities for potential business, sources of funding and associated financial and legal risks with its mitigation plan

### 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
<b>Bridge Module</b>	<b>20</b>	<b>10</b>			<b>30</b>
<b>Module 1:</b> Introduction to Cargo vehicle driver (Non-hazardous Goods)	20	10			30
<b>LSC/ N1301 - Prepare vehicle and cargo NOS Version V1.0 NSQF Level 4</b>	<b>30</b>	<b>50</b>	<b>10</b>		<b>90</b>
<b>Module 2:</b> Preparing the vehicle and cargo	30	50	10		90
<b>LSC/N1303 - Guide and control the vehicle NOS Version V1.0 NSQF Level 4</b>	<b>20</b>	<b>30</b>	<b>10</b>		<b>60</b>
<b>Module 3:</b> Guiding and controlling the vehicle	20	30	10		60
<b>LSC/ N1302 - Drive safely and responsibly</b>	<b>30</b>	<b>50</b>	<b>10</b>		<b>90</b>

<b>NOS Version V1.0 NSQF Level 4</b>					
<b>Module 4:</b> Drive safely and responsibly	30	50	10		90
<b>LSC/N9908 – Maintain integrity, ethics, and regulatory compliance in operations. NOS Version 2.0 NSQF Level 4</b>	<b>10</b>	<b>20</b>			<b>30</b>
<b>Module 5:</b> Guidelines on integrity and ethics	10	20			30
<b>LSC/ N1304 – Health, safety and security procedures for Drivers NOS Version V1.0 NSQF Level 4</b>	<b>10</b>	<b>20</b>			<b>30</b>
<b>Module 6:</b> Compliance to health, safety and security procedures for Drivers	10	20			30
<b>Employability Skills DGT/VSQ/N0101</b>	<b>15</b>	<b>15</b>			<b>30</b>
<b>Total Duration</b>	<b>135</b>	<b>195</b>	<b>30</b>		<b>360</b>

## Elective Modules

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

### Elective 1: Multi Axle Vehicle

<b>NOS and Module Details</b>	<b>Theory Duration</b>	<b>Practical Duration</b>	<b>On-the-Job Training Duration (Mandatory)</b>	<b>On-the-Job Training Duration (Recommended)</b>	<b>Total Duration</b>
<b>LSC/N1307 - Multi Axle Vehicle NOS Version V1.0 NSQF Level 4</b>	<b>30</b>	<b>30</b>			<b>60</b>
Module 8: Multi Axle Vehicle	30	30			60
<b>Total Duration</b>	<b>30</b>	<b>30</b>			<b>60</b>

## Elective 2: Over-Dimensional Vehicle

NOS and Module Details	Theory Duration	Practical Duration	On-the-Job Training Duration (Mandatory)	On-the-Job Training Duration (Recommended)	Total Duration
<b>LSC/N1306 - Over-Dimensional Vehicle NOS Version V1.0 NSQF Level 4</b>	<b>30</b>	<b>30</b>			<b>60</b>
Module 9: Over-Dimensional Vehicle	30	30			60
<b>Total Duration</b>	<b>30</b>	<b>30</b>			<b>60</b>

## Elective 3: Medium Commercial Vehicle

NOS and Module Details	Theory Duration	Practical Duration	On-the-Job Training Duration (Mandatory)	On-the-Job Training Duration (Recommended)	Total Duration
<b>LSC/N1305 - Medium Commercial Vehicle NOS Version V1.0 NSQF Level 4</b>	<b>30</b>	<b>30</b>			<b>60</b>
Module 10: Medium Commercial Vehicle	30	30			60
<b>Total Duration</b>	<b>30</b>	<b>30</b>			<b>60</b>

## Module Details

### Module 1: Introduction to Cargo Vehicle Driver (Non-hazardous Goods)

#### *Mapped to Bridge Module*

#### Terminal Outcomes:

- Detail the various functions of a cargo vehicle driver
- Discuss the documents involved in transport

<b>Duration: 20.00</b>	<b>Duration: 10.00</b>
<b>Theory – Key Learning Outcomes</b>	<b>Practical – Key Learning Outcomes</b>
<ul style="list-style-type: none"> <li>● Describe the basic of Land Transportation</li> <li>● Detail your job role as cargo vehicle driver and its interface with other job roles</li> <li>● Describe the various MHEs and equipment used in Land transportation</li> </ul>	<ul style="list-style-type: none"> <li>● Discuss the various documents involved in transportation of goods</li> <li>● Demonstrate your role as a cargo vehicle driver in the supply chain network</li> </ul>
<b>Classroom Aids</b>	
Charts, Models, Video presentation, Flip Chart, Whiteboard/Smart Board, Marker, Board eraser	
<b>Tools, Equipment and Other Requirements</b>	
MHE, TMS (learning version), LLMS (learning version).	

## Module 2: Preparing the vehicle and cargo

*Mapped to LSC/N1301, V1.0*

### Terminal Outcomes:

- Describe the steps involved in preparing the vehicle
- Demonstrate the process of loading the cargo

<b>Duration: 30.00</b>	<b>Duration: 50.00</b>
<b>Theory – Key Learning Outcomes</b>	<b>Practical – Key Learning Outcomes</b>
<ul style="list-style-type: none"> <li>• Explain the guidelines to be followed prior to cargo loading and while loading</li> <li>• Describe the steps involved in loading the cargo</li> <li>• Explain the vehicle examination process to be followed</li> <li>• Detail the escalation process in case of defects</li> </ul>	<ul style="list-style-type: none"> <li>• Stay fit for driving and the ability is not affected by sleepiness, tiredness, medicines, illegal substances or alcohol</li> <li>• Comply with the guidelines for handling the cargo</li> <li>• Prepare the checklist about the vehicle checks to be done prior to starting the route</li> <li>• Demonstrate the process of loading the cargo</li> <li>• List down the checks to be done post loading</li> </ul>
<b>Classroom Aids</b>	
Charts, Models, Video presentation, Flip Chart, Whiteboard/Smart Board, Marker, Board eraser	
<b>Tools, Equipment and Other Requirements</b>	
Computers, printer, sample labels, cargo handling equipment	



## Module 3: Guiding and controlling the vehicle

*Mapped to LSC/N1303, V1.0*

### Terminal Outcomes:

- List the traffic rules and regulations
- Demonstrate the use of gear, steering, braking system and accelerator steadily and effectively

<b>Duration: 20.00</b>	<b>Duration: 30.00</b>
<b>Theory – Key Learning Outcomes</b>	<b>Practical – Key Learning Outcomes</b>
<ul style="list-style-type: none"> <li>● Discuss the traffic rules and regulations</li> <li>● List the valid documents to be available in the vehicle</li> <li>● Explain the guidelines relating to dealing with and reporting of safety and emergency issues</li> </ul>	<ul style="list-style-type: none"> <li>● Carry out pre-start checks on the vehicle and monitor the vehicle instrumentation</li> <li>● Demonstrate the use of gear, steering, braking system and accelerator steadily and effectively</li> <li>● Ensure the safety of the vehicle and its cargo against theft or illegal access</li> <li>● Respond correctly to the information given by instrumentation such as warning lights, indicators, navigation system, etc.</li> <li>● Keep the speed and vehicle controls in check</li> </ul>
<b>Classroom Aids</b>	
Charts, Models, Video presentation, Flip Chart, Whiteboard/Smart Board, Marker, Board eraser	
<b>Tools, Equipment and Other Requirements</b>	
HMV vehicle, sample cargo documents, Simulator, SOP	

## Module 4: Drive safely and responsibly

*Mapped to LSC/N1302, V1.0*

### Terminal Outcomes:

- Explain the defensive driving techniques
- Ensure the safety of goods during halts, breakdowns etc

<b>Duration: 30.00</b>	<b>Duration: 50.00</b>
<b>Theory – Key Learning Outcomes</b>	<b>Practical – Key Learning Outcomes</b>
<ul style="list-style-type: none"> <li>• Explain the Importance of defensive driving techniques</li> <li>• List out the guidelines to be followed in case of vehicle break down</li> <li>• Describe the meaning of different signal and signs</li> <li>• Discuss the use of indicators, arm signals, horns and lights to communicate with other road users</li> <li>• List the company's policies on: road worthiness requirement, basic compliance to technical requirements and standards, safety and hazards</li> </ul>	<ul style="list-style-type: none"> <li>• Comply with signals, signs, and other road markings</li> <li>• Demonstrate the defensive driving techniques</li> <li>• Ensure the safety of goods during halts, breakdowns etc</li> <li>• Demonstrate the use of local language to communicate effectively</li> <li>• Follow the instructions provided by satellite navigation systems</li> <li>• Respond to hazards thoughtfully</li> <li>• Follow the principles of ecologically responsible driving by reducing the fuel consumption</li> </ul>
<b>Classroom Aids</b>	
Charts, Models, Video presentation, Flip Chart, Whiteboard/Smart Board, Marker, Board eraser	
<b>Tools, Equipment and Other Requirements</b>	
HMV vehicle for practical, Simulator, CMVR guidelines	

## Module 5: Guidelines on integrity and ethics

*Mapped to LSC/N9908, v1.0*

### Terminal Outcomes:

- Explain the concepts of integrity, ethics
- Detail the various regulatory requirements related to logistics industry

<b>Duration: 10.00</b>	<b>Duration: 20.00</b>
<b>Theory – Key Learning Outcomes</b>	<b>Practical – Key Learning Outcomes</b>
<ul style="list-style-type: none"> <li>● Describe the concepts of integrity and ethics.</li> <li>● Detail the various regulatory requirements related to logistics industry.</li> <li>● Explain data and information security protocols.</li> <li>● Detail the escalation process for reporting deviation.</li> </ul>	<ul style="list-style-type: none"> <li>● Follow the principles of integrity and ethics.</li> <li>● Perform data and information security practices.</li> <li>● Identify corrupt practices which are followed.</li> <li>● Comply to the regulatory requirements.</li> <li>● Practice code of conduct and etiquettes as per organization.</li> <li>● Document all integrity and ethics violations.</li> <li>● Report deviation as per the escalation matrix</li> </ul>
<b>Classroom Aids</b>	
Charts, Models, Video presentation, Flip Chart, Whiteboard/Smart Board, Marker, Board eraser	
<b>Tools, Equipment and Other Requirements</b>	
MS Office, computer, projector, stationery, SOPs, LLMS (learning version) etc.	

## Module 6: Compliance to health, safety and security procedures for Drivers

Mapped to LSC/N1304, v1.0

### Terminal Outcomes:

- Describe the application of health and safety practices at the workplace

<b>Duration: 10.00</b>	<b>Duration: 20.00</b>
<b>Theory – Key Learning Outcomes</b>	<b>Practical – Key Learning Outcomes</b>
<ul style="list-style-type: none"> <li>• Discuss safety process in different locations</li> <li>• Describe the Standard operating procedures (SOP) and precautions while handling dangerous and hazardous goods</li> <li>• Explain the organizational protocol to deploy in case of emergency situation or accident or breach of safety</li> <li>• Describe the security procedures like green gate in port, customs area, factory security, etc.</li> <li>• Explain the importance of 5S at workplace</li> <li>• Describe handling emergency situations.</li> </ul>	<ul style="list-style-type: none"> <li>• Demonstrate the use of PPE such as goggles, ear plugs, helmet, mask, shoes, etc. as applicable in the cargo movement area</li> <li>• Ensure the safety of loading area and equipment for appropriate and safe condition</li> <li>• Always follow road safety and traffic rules.</li> <li>• Demonstrate the personal health practises to be undertaken by a driver.</li> <li>• Illustrate the standard driving practice to ensure the safety of life and material</li> <li>• Comply with the standard safety procedures of the organisation while handling hazardous / fragile cargo</li> <li>• Demonstrate the use of fire alarms, water sprinklers and smoke detectors</li> <li>• Ensure that the cargo passes the security check along with the safety and security related tags, labels and signage</li> </ul>
<b>Classroom Aids</b>	
Charts, Models, Video presentation, Flip Chart, Whiteboard/Smart Board, Marker, Board eraser	
<b>Tools, Equipment and Other Requirements</b>	
Personal Protective Equipment (PPEs), LLMS (learning version), safety equipment, First aid kit, MHE, Fire extinguisher	

## Module 7: Employability Skills

*Mapped to DGT/VSQ/N0101, V1.0*

### Terminal Outcomes:

- Appraise the significance of employability skills in meeting the job requirements
- Identify constitutional values, civic rights, duties, personal values and ethics and environmentally sustainable practices.
- Illustrate English and communication skills, customer service, entrepreneurship, and getting ready for jobs and apprenticeship.

<b>Duration: 15.00</b>	<b>Duration: 15.00</b>
<b>Theory – Key Learning Outcomes</b>	<b>Practical – Key Learning Outcomes</b>
<ul style="list-style-type: none"> <li>● Detail the importance of Employability Skills in meeting the job requirements</li> <li>● Explain constitutional values, civic rights, duties, citizenship, responsibility towards society etc. that are required to be followed to become a responsible citizen.</li> <li>● Describe positive attitude, self - motivation, problem solving, time management skills and continuous learning mindset in different situations.</li> <li>● Discuss the significance of reporting sexual harassment issues in time</li> <li>● Appraise the significance of using financial products and services safely and securely.</li> <li>● Explain the importance of managing expenses, income, and savings.</li> <li>● Detail the significance of approaching the concerned authorities in time for any exploitation as per legal rights and laws</li> <li>● Discuss the significance of using internet for browsing, accessing social media platforms, safely and securely</li> <li>● Categorize the need for identifying opportunities for potential business, sources for arranging money and potential legal and financial challenges</li> <li>● Discuss the significance of maintaining hygiene and dressing appropriately</li> </ul>	<ul style="list-style-type: none"> <li>● Analyze 21st century skills.</li> <li>● Practice appropriate basic English sentences/phrases while speaking</li> <li>● Demonstrate how to communicate in a well -mannered way with others.</li> <li>● Illustrate working with others in a team</li> <li>● Demonstrate how to conduct oneself appropriately with all genders and PwD</li> <li>● Operate digital devices and use the associated applications and features, safely and securely</li> <li>● Differentiate between types of customers</li> <li>● Create a biodata</li> <li>● Experiment with various sources to search and apply for jobs</li> <li>● Identify customer needs and address them</li> <li>● Compose the significance of dressing up neatly and maintaining hygiene for an interview</li> </ul>

- Discuss how to search and register for apprenticeship opportunities

#### **Classroom Aids**

Charts, Models, Video presentation, Flip Chart, Whiteboard/Smart Board, Marker, Board eraser, UPS, LCD Projector, Computer Tables & chairs

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

Computer (PC) with latest configurations – and Internet connection with standard operating system and standard word processor and worksheet software (Licensed) (all software should either be latest version or one/two version below), Scanner cum Printer, LLMS (learning version).

## Module 8: Multi Axle Vehicle

*Mapped to LSC/N1307, v1.0*

### Terminal Outcomes:

- Explain the basic vehicle checks to be done pre trip.
- Explain the guidelines for driving Multi Axle Vehicle safely.
- Detail the procedures for handling emergencies enroute.

<b>Duration: 30:00</b>	<b>Duration: 30:00</b>
<b>Theory – Key Learning Outcomes</b>	<b>Practical – Key Learning Outcomes</b>
<ul style="list-style-type: none"> <li>● Explain the basic vehicle checks to be done.</li> <li>● Describe route surveillance and things to look for in route map.</li> <li>● Detail what are warning signs and the regulations for their usage.</li> <li>● Explain Centre of Gravity (COG), centrifugal forces and how they can significantly impact the driver's risk of rollover.</li> <li>● Detail the checks and tests to be done post loading.</li> <li>● Describe trailer skidding, sliding, swaying or jack-knifing.</li> <li>● Explain the guidelines for driving Multi Axle Vehicle safely.</li> <li>● Detail the procedures for handling emergencies enroute.</li> </ul>	<ul style="list-style-type: none"> <li>● Perform the steps for pre-trip vehicle inspection and tug test.</li> <li>● Analyse the route map and route surveillance report.</li> <li>● Ensure that proper Warning Signs are fixed in the trailer according to regulations.</li> <li>● Check whether all the documents are in order as per CMVR guidelines.</li> <li>● Once loading and attaching of dollies are completed, perform brake and stability tests.</li> <li>● Ensure that the vehicle is loaded evenly as per the GVW per axle and properly secured.</li> <li>● Follow the steps for safely driving Multi Axle Vehicle</li> <li>● Make sure to follow guidelines during Railway level crossing.</li> <li>● Follow the actions to be taken during vehicle breakdown.</li> <li>● Ensure to follow the safety procedures listed during emergency situations like fire or brake failure.</li> </ul>
<b>Classroom Aids</b>	
Charts, Models, Video presentation, Flip Chart, Whiteboard/Smart Board, Marker, Board eraser	
<b>Tools, Equipment and Other Requirements</b>	
MHE, SOP, CMVR guidelines, sample maps and documents, Multi Axle Vehicle, Fire extinguisher	

## Module 9: Over-Dimensional Vehicle

*Mapped to LSC/N1306, v1.0*

### Terminal Outcomes:

- Explain the basic vehicle checks to be done prior to loading and post loading.
- Describe the guidelines and procedures for safely driving Vehicles with Over-Dimensional cargo.

<b>Duration: 30:00</b>	<b>Duration: 30:00</b>
<b>Theory – Key Learning Outcomes</b>	<b>Practical – Key Learning Outcomes</b>
<ul style="list-style-type: none"> <li>● Explain the basic vehicle checks to be done prior to loading and post loading.</li> <li>● Detail what are warning signs and the regulations for their usage.</li> <li>● Explain Centre of Gravity (COG), centrifugal forces and Gross vehicle weight (GVW).</li> <li>● Describe the guidelines and procedures for safely driving Vehicles with Over-Dimensional cargo.</li> </ul>	<ul style="list-style-type: none"> <li>● Conduct thorough pre-trip inspection of the vehicle and verify the documents.</li> <li>● Gather all necessary information like the route map and crew.</li> <li>● Make sure that the load is spread to keep the centre of gravity as low as possible and cargo is secure.</li> <li>● Ensure that proper Warning Signs are fixed in the trailer according to regulations.</li> <li>● Perform necessary vehicle checks post loading.</li> <li>● Follow the steps for safely driving vehicle with over dimensional cargo.</li> <li>● Make sure to follow CMVR guidelines while crossing bridges.</li> </ul>
<b>Classroom Aids</b>	
Charts, Models, Video presentation, Flip Chart, Whiteboard/Smart Board, Marker, Board eraser	
<b>Tools, Equipment and Other Requirements</b>	
MHE, SOP, CMVR guidelines, sample maps and documents, ODV.	



## Module 10: Medium Commercial Vehicle

*Mapped to LSC/N1305, v1.0*

### Terminal Outcomes:

- Demonstrate the steps to be followed for handling of perishable goods in a warehouse

<b>Duration: 30:00</b>	<b>Duration: 30:00</b>
<b>Theory – Key Learning Outcomes</b>	<b>Practical – Key Learning Outcomes</b>
<ul style="list-style-type: none"> <li>● Explain the basic vehicle checks to be done prior to loading and post loading.</li> <li>● Detail cargo roll over and how to avoid.</li> <li>● Explain the guidelines and procedures for safely driving Vehicles within city limits and in crowded areas.</li> <li>● Describe the reporting and hand over procedure.</li> </ul>	<ul style="list-style-type: none"> <li>● Conduct thorough pre-trip inspection of the vehicle and verify the documents.</li> <li>● Make sure that the load is spread to keep the centre of gravity and cargo is secure.</li> <li>● Follow the guidelines while driving in Traffic, crowded area or city limits.</li> <li>● Adjust/ secure loads post each unloading/ loading.</li> <li>● Demonstrate defensive driving techniques.</li> <li>● Perform the steps for end of the trip reporting and hand over.</li> </ul>
<b>Classroom Aids</b>	
Charts, Models, Video presentation, Flip Chart, Whiteboard/Smart Board, Marker, Board eraser	
<b>Tools, Equipment and Other Requirements</b>	
MHE, SOP, CMVR guidelines, sample maps and documents, MCV.	

# Annexure

## Trainer Requirements

Trainer Prerequisites						
Minimum Educational Qualification	Specialization	Relevant Industry Experience		Training Experience		Remarks
		Years	Specialization	Years	Specialization	
Any Degree	Land transportation	2	Land transportation			

Trainer Certification	
Domain Certification	Platform Certification
Certified for Job Role: "Cargo Vehicle Driver" mapped to QP: "LSC/Q1301, v1.0". Minimum accepted score is 80%	Recommended that the Trainer is certified for the Job Role: "Trainer (VET and Skills)", mapped to the Qualification Pack: "MEP/Q2601, v2.0". Minimum accepted score is 80%

## Assessor Requirements

Assessor Prerequisites						
Minimum Educational Qualification	Specialization	Relevant Industry Experience		Training/Assessment Experience		Remarks
		Years	Specialization	Years	Specialization	
Any Degree	Land transportation	2	Land transportation			

Assessor Certification	
Domain Certification	Platform Certification
Certified for Job Role: "Cargo Vehicle Driver" mapped to QP: "LSC/Q1301, v1.0". Minimum accepted score is 80%	Recommended that the Assessor is certified for the Job Role: "Assessor (VET and Skills)", mapped to the Qualification Pack: "MEP/Q2701, v2.0". Minimum accepted score is 80%

## Assessment Strategy

The emphasis is on 'learning-by-doing' and practical demonstration of skills and knowledge based on the performance criteria. Accordingly, assessment criteria for each job role is set and made available in qualification pack.

The assessment papers for both theory and practical would be developed by Subject Matter Experts (SME) hired by Logistics Sector Skill Council or with the LSC accredited Assessment Agency as per the assessment criteria mentioned in the Qualification Pack. The assessments papers would also be checked for the various outcome-based parameters such as quality, time taken, precision, tools & equipment requirement etc.

Each NOS in the Qualification Pack (QP) is assigned a relative weightage for assessment based on the criticality of the NOS. Therein each Element/Performance Criteria in the NOS is assigned marks on relative importance, criticality of function and training infrastructure.

The following tools would be used for final assessment:

1. **Practical Assessment:** This comprises of a creation of mock environment in the skill lab which is equipped with all equipment required for the qualification pack. Candidate's soft skills, communication, aptitude, safety consciousness, quality consciousness etc. is ascertained by observation and marked in observation checklist. The outcome is measured against the specified dimensions and standards to gauge the level of their skill achievements.
2. **Viva/Structured Interview:** This tool is used to assess the conceptual understanding and the behavioural aspects with regard to the job role and the specific task at hand. It also includes questions on safety, quality, environment and equipment etc.
3. **On-Job Training:** OJT would be evaluated based on standard log book capturing departments worked on, key observations of learner, feedback and remarks of supervisor or mentor.
4. **Written Test:** Question paper consisting of 100 MCQs (Hard:40, Medium:30 and Easy: 30) with questions from each element of each NOS. The written assessment paper is comprised of following types of questions:
  - i. True / False Statements
  - ii. Multiple Choice Questions
  - iii. Matching Type Questions
  - iv. Fill in the blanks
  - v. Scenario based Questions
  - vi. Identification Questions

### QA Regarding Assessors:

Assessors are selected as per the “eligibility criteria” laid down by LSC for assessing each job role. The assessors selected by Assessment Agencies are scrutinized and made to undergo training and introduction to LSC Assessment Framework, competency based assessments, assessors guide etc. LSC conducts “Training of Assessors” program from time to time for each job role and sensitize assessors regarding assessment process and strategy which is outlined on following mandatory parameters:

- 1) Guidance regarding NSQF
- 2) Qualification Pack Structure
- 3) Guidance for the assessor to conduct theory, practical and viva assessments
- 4) Guidance for trainees to be given by assessor before the start of the assessments.
- 5) Guidance on assessments process, practical brief with steps of operations practical observation checklist and mark sheet
- 6) Viva guidance for uniformity and consistency across the batch.
- 7) Mock assessments
- 8) Sample question paper and practical demonstration

## References

## Glossary

Term	Description
<b>Key Learning Outcome</b>	Key learning outcome is the statement of what a learner needs to know, understand and be able to do in order to achieve the terminal outcomes. A set of key learning outcomes will make up the training outcomes. Training outcome is specified in terms of knowledge, understanding (theory) and skills (practical application).
<b>Training Outcome</b>	Training outcome is a statement of what a learner will know, understand and be able to do upon the completion of the training.
<b>Terminal Outcome</b>	Terminal outcome is a statement of what a learner will know, understand and be able to do upon the completion of a module. A set of terminal outcomes help to achieve the training outcome.

## Acronyms and Abbreviations

Term	Description
QP	Qualification Pack
NSQF	National Skills Qualification Framework
NSQC	National Skills Qualification Committee
NOS	National Occupational Standards