



Model Curriculum

QP Name: Land Transportation Supervisor
(Options: Profit Management/ Business Development)

QP Code: LSC/Q1003

QP Version: 2.0

NSQF Level: 5

Model Curriculum Version: 2.0

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Training Parameters

Sector	Logistics
Sub-Sector	Land Transportation
Occupation	Transport operations, vehicle operations, documentation and reporting
Country	India
NSQF Level	5
Aligned to NCO/ISCO/ISIC Code	NCO – 2015/4323.9900
Minimum Educational Qualification and Experience	<p>Completed / Pursuing 2nd year of UG</p> <p>OR Completed/ Pursuing 2nd year of diploma (after 12th)</p> <p>OR Completed 12th + 1 year Vocational Education & training</p> <p>OR Completed 3 year diploma after 10th + 1 year relevant experience in Transportation</p> <p>OR Completed 12th Grade + 2 year relevant experience in Transportation</p> <p>OR Completed 10th Grade + 4 year relevant experience in Transportation</p> <p>OR Completed Previous relevant Qualification of NSQF Level 4 (Land Transportation Executive) + 3 year relevant experience in Transportation</p>
Pre-Requisite License or Training	NA
Minimum Job Entry Age	21
Last Reviewed On	25-08-2022
Next Review Date	25-08-2025
NSQC Approval Date	25-08-2022
QP Version	2.0
Model Curriculum Creation Date	04-07-2022
Model Curriculum Valid Up to Date	25-08-2025
Model Curriculum Version	2.0
Minimum Duration of the Course	600
Maximum Duration of the Course	720

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:

- Prepare resource allocation plan based on activities scheduled.
- Supervise safe and secure vehicle marshalling.
- Analyse vehicle and cargo documentation for adherence to requirements and prepare daily reports.
- Analyse fleet maintenance status
- Manage effective maintenance and repair of fleet.
- Track vehicle movement and ensure timely delivery and compliance to regulatory documentation.
- Plan, budget and execute Over Dimensional Cargo (ODC) movement.
- Comply to workplace integrity, ethical and regulatory practices.
- Manage workplace for safe and healthy work environment by following compliance to regulatory and safety norms.
- Inspect invoices for correct application of GST.
- Manage business profitably by analysing profit and loss and undertaking operations improvement initiatives.
- Generate business for the organisation and manage relationships with stakeholders including clients, customs, PGAs etc.

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	20	10			30
Module 1: Introduction	20	10			30
LSC/N1009 – Resource allocation and transport operations management V1.0 NSQF Level 5	20	35	5		60
Module 2: Allocate resources and streamline operations in land transportation	20	35	5		60
LSC/N1109 – Vehicle traffic control management V1.0 NSQF Level 5	20	35	5		60
Module 3: Perform vehicle marshal duties	20	35	5		60

LSC/N0303 – Documents related to land transportation V1.0 NSQF Level 5	20	35	5		60
Module 4: Review transport documentation	20	35	5		60
LSC/ N1110 - Fleet operations and its maintenance V1.0 NSQF Level 5	20	35	5		60
Module 5: Supervise fleet maintenance	20	35	5		60
LSC/N1111 - Route planning and vehicle tracking V1.0 NSQF Level 5	20	35	5		60
Module 6: Supervise tracking and movement of vehicle	20	35	5		60
LSC/N1112 – Over Dimensional Cargo (ODC) Movement V1.0 NSQF Level 5	20	35	5		60
Module 7: Manage and track movement of Over-dimensional cargo	20	35	5		60
LSC/N9908 - Guidelines on integrity and ethics V1.0 NSQF Level 5	10	20			30
Module 8: Maintain and monitor integrity and ethics in operations	10	20			30
LSC/N9909 - Compliance to health, safety and security norms V1.0 NSQF Level 5	10	20			30
Module 9: Follow and monitor health, safety and security procedures	10	20			30
LSC/N9907 - Verify and review GST application V1.0 NSQF Level 5	20	40			60
Module 10: Verify and review GST application	20	40			60
Employability Skills DGT/VSQ/N0103	30	60			90
Total Duration	210	360	30		600

Optional Modules

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

Option 1: Profit Management

NOS and Module Details	Theory Duration	Practical Duration	On-the-Job Training Duration (Mandatory)	On-the-Job Training Duration (Recommended)	Total Duration
Module 10: Profit Management	30	30			60
LSC/N9603 – Profit and loss account management and cost accounting V1.0 NSQF Level 5	30	30			60
Total Duration	30	30			60

Option 2: Business Development

NOS and Module Details	Theory Duration	Practical Duration	On-the-Job Training Duration (Mandatory)	On-the-Job Training Duration (Recommended)	Total Duration
Module 11: Business development and stakeholder relations	30	30			60
LSC/N9701 - Business development and stakeholder relations V1.0 NSQF Level 5	30	30			60
Total Duration	60	60			60

Module Details

Module 1: Introduction to Land Transportation Supervisor

Mapped to Bridge Module

Terminal Outcomes:

- Describe the basic structure and function of land transportation, Logistics sector.
- Detail the various functions and activities.

Duration: 20:00	Duration: 10:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> • Classify the components of Land Transportation and Logistics sector • Detail the various sub-sectors and the opportunities in them • Explain job roles in land transportation • Describe the various MHEs and equipment used in land transportation • Discuss the documentation requirements for goods transport 	<ul style="list-style-type: none"> • Identify various activities in land transportation, • Perform job roles in land transportation
Classroom Aids	
Charts, Models, Video presentation, Flip Chart, Whiteboard/Smart Board, Marker, Board eraser	
Tools, Equipment and Other Requirements	
TMS(Learning version)	

Module 2: Resource allocation and transport operations management

Mapped to LSC/N1009, v1.0

Terminal Outcomes:

- Perform the steps for Resource allocation
- List the various steps for transportation operations and order planning
- Demonstrate alternative actions.

Duration: 20:00	Duration: 35:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> • Develop activity plan based on transportation orders • Explain cargo loading and unloading procedure • Detail the documents required for vehicles and cargo • Formulate transport alternatives if plan fails • Develop robust corrective and preventive actions 	<ul style="list-style-type: none"> • Place transportation orders • Perform cargo loading and unloading. • Allocate manpower, material, MHE and other resources as per activities • Prepare the documentation for vehicles and cargo • Record data in ERP • Prepare various transport alternatives if plan fails • Measure productivity of operations • Plan immediate corrective and preventive actions
Classroom Aids	
Charts, Models, Video presentation, Flip Chart, Whiteboard/Smart Board, Marker, Board eraser	
Tools, Equipment and Other Requirements	
TMS(Learning version), ERP, software packages, etc	

Module 3: Vehicle traffic control management

Mapped to LSC/N1109, v1.0

Terminal Outcomes:

- Perform site demarcation and Vehicle marshalling
- Demonstrate traffic management plan

Duration: 20:00	Duration: 35:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> • Describe vehicle marshalling • Discuss site demarcation • Describe traffic management plan • List the PPE used for marshalling • List down safety and security measures to be undertaken for marshalling • Discuss hand signals and communication equipment 	<ul style="list-style-type: none"> • Plan how to do vehicle marshalling. • Perform site demarcation and demark the site. • Prepare a traffic management plan. • Wear PPE and demonstrate marshalling • Perform the safety and security measures for marshalling • Demonstrate hand signals • Operate the communication equipment used for marshalling. • Illustrate marshalling process
Classroom Aids	
Charts, Models, Video presentation, Flip Chart, Whiteboard/Smart Board, Marker, Board eraser	
Tools, Equipment and Other Requirements	
TMS(Learning version), ERP, software packages, etc	

Module 4: Documents related to land transportation.

Mapped to LSC/N0303, v1.0

Terminal Outcomes:

- Practice land transportation documents.
- Devising alternate delivery plan for a failed shipment.
- Preparing and reviewing daily reports

Duration: 20:00	Duration: 35:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> • Detail the documents for vehicle and cargo • Describe the line items to be checked in documents such as license, Lorry Receipt (LR), Goods Consignment (GC), transit insurance, tax permits etc. • Describe what is alternative delivery plan. • Detail the daily reports required. 	<ul style="list-style-type: none"> • List down different documents required for vehicle and cargo • Prepare a list of line items to be checked. • Explain how to check documents like license, Lorry Receipt (LR), Goods Consignment (GC), transit insurance, tax permits etc. • Devise an alternative delivery plan for a failed shipment. • Prepare daily reports such as loading/unloading, shipment delivery, resource utilisation, accidents, repairs etc. • Demonstrate how to review various documentations, like listed above.
Classroom Aids	
Charts, Models, Video presentation, Flip Chart, Whiteboard/Smart Board, Marker, Board eraser	
Tools, Equipment and Other Requirements	
TMS(Learning version), SOP, standard forms, stationery, markers, ERP, computer, printers, etc.	

Module 5: Fleet operations and its maintenance

Mapped to LSC/ N1110, v1.0

Terminal Outcomes:

- Practice on new acquisition, title, registration.
- Inspection of vehicle spares, maintenance records.
- Demonstrate maintenance vendor selection and management process

Duration: 20:00	Duration: 35:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> • Describe the process for new vehicle acquisition, title and registration. • Detail the usage of spare parts, consumables and fuel. • Write down inspection procedure for maintenance records, purchase log, oil log, parts consumption log etc. • Describe maintenance vendor selection and management process • Analyse maintenance works to suggest improvement actions 	<ul style="list-style-type: none"> • Demonstrate about the process of acquiring new vehicle and registering title. • Inspect the basic spare parts, consumables and fuel • Inspect maintenance records, purchase log, oil log, parts consumption log etc. • Demonstrate maintenance vendor selection and management process • Inspect maintenance and out of service vehicles. • Inspect maintenance activity completion. • Analyse maintenance works, to suggest improvement actions • Prepare reports on vehicle maintenance and usage of spares, consumables, and fuel • Prepare budget for vehicle and spares maintenance
Classroom Aids	
Charts, Models, Video presentation, Flip Chart, Whiteboard/Smart Board, Marker, Board eraser	
Tools, Equipment and Other Requirements	
TMS(Learning version), ERP, computer, printers, GPS tracker, maintenance schedule, maintenance equipment etc.	

Module 6: Route planning and vehicle tracking

Mapped to LSC/N1111, v1.0

Terminal Outcomes:

- Practice on planning routes and tracking.
- Managing delays.
- Build relationship with customer.

Duration: 20:00	Duration: 35:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> • Detail the vehicle selection procedure based on load, route and cost • Detail the documentation requirement for vehicle and cargo • Describe resolution process if vehicle gets delayed or breaks down • Mention client update and grievance resolution process 	<ul style="list-style-type: none"> • Calculate cost and demonstrate vehicle selection based on route. • Illustrate the documents required for vehicle and cargo • Assess route plan, cargo plan for adequacy to requirements • Perform vehicle tracking using GPS/telephone to monitor movement • Demonstrate actions to be taken if there's a break down or vehicle delay. • Manage relations with client by updating and providing resolution to grievance.
Classroom Aids	
Charts, Models, Video presentation, Flip Chart, Whiteboard/Smart Board, Marker, Board eraser	
Tools, Equipment and Other Requirements	
TMS(Learning version), ERP, MS Office, GPS and receiver, communication equipment, route plan, etc.	

Module 7: Over Dimensional Cargo (ODC) Movement

Mapped to LSC/N1112, v1.0

Terminal Outcomes:

- Managing ODC as per SOP.
- Documentation process.
- Tools required for handling ODC.
- Learning track and safety measures.

Duration: 20:00	Duration:35:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> • Detail carrier selection process based on type of ODC • Describe ODC loading/unloading, securing procedure • Detail the special documentation requirement for ODC viz. road permits, license etc • Explain the fitness requirements and inspection procedure for vehicles carrying RTO • Describe safety and security requirements for ODC vehicle operators 	<ul style="list-style-type: none"> • Analyse the type of ODC and detail how carrier is selected. • Perform the way ODC is loaded and unloaded. • Analyse securing procedure • Practice the special documents required for carrying ODC viz. road permits, license etc • Identify optimal route for transportation • Discuss the process of acquiring permits from RTO • Validate the inspection procedure for vehicles carrying RTO. • Illustrate the vehicle fitness requirements. • Demonstrate about tracking vehicle using GPS/telephone. • Perform safety and security requirements for ODC vehicle operators
Classroom Aids	
Charts, Models, Video presentation, Flip Chart, Whiteboard/Smart Board, Marker, Board eraser	
Tools, Equipment and Other Requirements	
TMS(Learning version), ERP, MS Office, GPS tracker and receiver, sample documentation for vehicle and cargo, sample permits, stationery, worksheets, etc	

Module 8: 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

Duration: 10:00	Duration: 20:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> • Describe the concepts of integrity, ethics • Detail the various regulatory requirements related to logistics industry • Explain data and information security practices • Discuss the various corrupt practices • Discuss regulatory requirements, code of conduct and etiquettes • Detail the procedure for documenting all integrity and ethics violations • Explain escalation matrix for reporting deviation 	<ul style="list-style-type: none"> • Illustrate the importance of integrity and how ethics needs to be followed. • Practice the principles of integrity and ethics • Follow the various regulatory requirements related to logistics industry • Perform data and information security practices • Identify corrupt practices • Comply to regulatory requirements • Practice code of conduct and etiquettes • Demonstrate what are the integrity and ethic violations. • Document all integrity and ethics violations • Report deviation as per the escalation matrix
Classroom Aids	
Charts, Models, Video presentation, Flip Chart, Whiteboard/Smart Board, Marker, Board eraser	
Tools, Equipment and Other Requirements	
TMS(Learning version), LLMS(Learning version),	

Module 9: Compliance to Health, safety, and security norms

Mapped to LSC/N9908, v1.0

Terminal Outcomes:

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

Duration: 10:00	Duration: 20:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> • Detail health, safety and security procedures. • Describe the 5S to be followed in industry. • Explain the inspection procedure to ensure appropriate and safe conditions of activity area and equipment • Discuss what are unsafe working conditions • Describe the inspection procedure to check safe handling of hazardous goods • Discuss the standard protocol to be followed during emergency situations, accidents and breach of safety • Document health, safety and security violations • Explain the escalation matrix for reporting deviation 	<ul style="list-style-type: none"> • Demonstrate the health, safety and security procedures to be followed. • Implement 5S at workplace • Inspect the activity area and equipment, for appropriate and safe conditions • Identify unsafe working conditions • Inspect adherence to standard operating procedures (SOP) while handling dangerous and hazardous goods • Implement standard protocol in case of emergency situations, accidents, and breach of safety • Prepare report on health, safety and security violations • Report deviation as per the escalation matrix
Classroom Aids	
Charts, Models, Video presentation, Flip Chart, Whiteboard/Smart Board, Marker, Board eraser	
Tools, Equipment and Other Requirements	
TMS(Learning version), Personal Protective Equipment (PPEs), Material Handling Equipment (MHEs) like pallet truck (manual and battery operated), etc. barcode scanner, packing devices, packing material etc.	

Module 10: Verify and review GST application

Mapped to LSC/N9907, v1.0

Terminal Outcomes:

- Describe the GST application procedure in invoicing process
- Practice GST documents approval process
- Detail the rules and regulation in applying and reversing GST

Duration: 20:00	Duration: 40:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> • Describe the GST application procedure in invoicing process • Detail the rules and regulation in applying and reversing GST • Describe GST documents approval process 	<ul style="list-style-type: none"> • Prepare invoice and practice GST application. • Demonstrate applying and reversing GST and the rules, regulation involved. • Inspect to identify faults in a document with GST computation • Practice GST documents approval process • Examine for pending litigation from previous regime • Review monthly returns for compliance to regulations • Examine correctness of tax payment records and acknowledgements received.
Classroom Aids	
Charts, Models, Video presentation, Flip Chart, Whiteboard/Smart Board, Marker, Board eraser	
Tools, Equipment and Other Requirements	
TMS(Learning version), Laptop, MS office, ERP, stationery, worksheets, computer, projector, GST guidelines etc.	

Module 11: Employability Skills

Mapped to DGT/VSQ/N0103, v1.0

Terminal Outcomes:

- 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

Duration: 30:00	Duration: 60:00
<p>Theory – Key Learning Outcomes</p> <ul style="list-style-type: none"> • Outline the importance of Employability Skills for the current job market and future of work • List different learning and employability related GOI and private portals and their usage • 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 relevant 21st century skills required for employment • Highlight the importance of practicing 21st century skills like Self-Awareness, Behaviour Skills, time management, critical and adaptive thinking, problem-solving, creative thinking, social and cultural awareness, emotional awareness, learning to learn etc. in personal or professional life • Explain the importance of communication etiquette including active listening for effective communication • Discuss the significance of escalating sexual harassment issues as per POSH act • Discuss various financial institutions, products, and services • Explain the common components of salary such as Basic, PF, Allowances (HRA, TA, DA, etc.), tax deductions • Discuss the legal rights, laws, and aids • Describe the role of digital technology in day-to-day life and the workplace 	<p>Practical – Key Learning Outcomes</p> <ul style="list-style-type: none"> • Research and prepare a note on different industries, trends, required skills and the available opportunities • Demonstrate how to practice different environmentally sustainable practices • Create a pathway for adopting a continuous learning mindset for personal and professional development • Show how to use basic English sentences for everyday conversation in different contexts, in person and over the telephone • Read and understand text written in basic English • Write a short note/paragraph / letter/e - mail using correct basic English • Create a career development plan • Identify well-defined short- and long-term goals • Demonstrate how to communicate effectively using verbal and nonverbal communication etiquette • Write a brief note/paragraph on a familiar topic • Role play a situation on how to work collaboratively with others in a team • Demonstrate how to behave, communicate, and conduct appropriately with all genders and PwD • Demonstrate how to conduct offline and online financial transactions, safely and securely and check passbook/statement • Calculate income and expenditure for budgeting • Demonstrate how to operate digital devices and use the associated applications and features, safely and securely

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| <ul style="list-style-type: none"> • Discuss the significance of displaying responsible online behaviour while using various social media platforms • Explain the types of entrepreneurship and enterprises • Discuss how to identify opportunities for potential business, sources of funding and associated financial and legal risks with its mitigation plan • Describe the 4Ps of Marketing-Product, Price, Place and Promotion and apply them as per requirement • Discuss various tools used to collect customer feedback • Discuss the significance of maintaining hygiene and dressing appropriately • Discuss the significance of maintaining hygiene and dressing appropriately for an interview • List the steps for searching and registering for apprenticeship opportunities | <ul style="list-style-type: none"> • Demonstrate how to connect devices securely to internet using different means • Follow the dos and don'ts of cyber security to protect against cyber crimes • Create an e-mail id and follow e- mail etiquette to exchange e -mails • Show how to create documents, spreadsheets and presentations using appropriate applications • Utilize virtual collaboration tools to work effectively • Create a sample business plan, for the selected business opportunity • Classify different types of customers • Demonstrate how to identify customer needs and respond to them in a professional manner • Draft a professional Curriculum Vitae (CV) • Use various offline and online job search sources to find and apply for jobs • Role play a mock interview |
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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

TMS(Learning version), LLMS(Learning version), 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

Optional Module 11: Profit Management

Mapped to LSC/N9603, v1.0

Terminal Outcomes:

- Describe P&L analysis process
- Prepare budget amendments
- Explain the process to rationalise cost by undertaking improvement activities

Duration: 30:00	Duration: 30:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> • Describe P&L analysis process • Explain budgeting and monitoring process • Explain methods to analyse variance between budget and actual expenditure • Explain the process to rationalise cost by undertaking improvement activities 	<ul style="list-style-type: none"> • Prepare a P&L analysis. • Demonstrate budgeting and monitoring process • Practise on the methods to analyse variance between budget and actual expenditure • Compare budget with actual physical output • Prepare budget amendments • List the risk management procedures • Perform Activity Based Costing (ABC) • Perform audit to identify reasons for deviation from costing • Illustrate the process to rationalise cost by undertaking improvement activities
Classroom Aids	
Charts, Models, Video presentation, Flip Chart, Whiteboard/Smart Board, Marker, Board eraser	
Tools, Equipment and Other Requirements	
TMS(Learning version), Computers, MIS, ERP, performance review software	

Optional Module 12: Business development and stakeholder relations

Mapped to LSC/N9701, v1.0

Terminal Outcomes:

- Key areas of business development
- Demonstrate effective oral and written business communication
- Prepare service level agreements
- Schedule resources as per operational requirement

Duration: 30:00	Duration: 30:00
<p>Theory – Key Learning Outcomes</p> <ul style="list-style-type: none"> • Describe the process for business development • Explain general client needs according to product • Detail upselling and cross selling • Describe the nuances in building rapport with clients, customs, government agencies, insurance for healthy relationship 	<p>Practical – Key Learning Outcomes</p> <ul style="list-style-type: none"> • Identify target population to approach for business development • Assess prospective clients • Identify client requirements • Offer customised or bundled solutions based on sales pitch • Demonstrate effective oral and written business communication • Prepare costing sheets for service delivery • Use ERP for updating client data • Estimate when to upsell and cross-sell services to existing clients • Prepare service level agreements • Schedule resources as per operational requirement
Classroom Aids	
Charts, Models, Video presentation, Flip Chart, Whiteboard/Smart Board, Marker, Board eraser	
Tools, Equipment and Other Requirements	
TMS(Learning version), Computers, MIS, ERP, performance review software	

Annexure

Trainer Requirements

Trainer Prerequisites						
Minimum Educational Qualification	Specialization	Relevant Industry Experience		Training Experience		Remarks
		Years	Specialization	Years	Specialization	
Graduate (Any Degree)	NA	2	Land Transportation	1	Land Transportation	Graduation is preferred

Trainer Certification	
Domain Certification	Platform Certification
Certified for Job Role: "Land Transportation Supervisor" mapped to LSC/Q1003, V2.0 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" with minimum score of 80%

Assessor Requirements

Assessor Prerequisites						
Minimum Educational Qualification	Specialization	Relevant Industry Experience		Training/Assessment Experience		Remarks
		Years	Specialization	Years	Specialization	
Graduate (Any Degree)	NA	2	“Land Transportation”	1	“Land Transportation”	Graduation is preferred

Assessor Certification	
Domain Certification	Platform Certification
Certified for Job Role: “Land Transportation Supervisor” mapped to QP: “LSC/Q1003, v2.0”. 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” with minimum score of 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 behavioral 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
Key Learning Outcome	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).
OJT (M)	On-the-job training (Mandatory); trainees are mandated to complete specified hours of training on site
OJT (R)	On-the-job training (Recommended); trainees are recommended the specified hours of training on site
Training Outcome	Training outcome is a statement of what a learner will know, understand and be able to do upon the completion of the training .
Terminal Outcome	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