



QUALIFICATION FILE

< Commercial Vehicle Driver >

Short Term Training (STT) Long Term Training (LTT) Apprenticeship

Upskilling Dual/Flexi Qualification For ToT For ToA

General Multi-skill (MS) Cross Sectoral (CS) Future Skills OEM

NCrF/NSQF Level: 3

Submitted By:

< Automotive Skills Development Council >

< E-113, Okhla Industrial Estate, Phase - III, New Delhi - 110020 >

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Section 1: Basic Details

1.	Qualification Name	Commercial Vehicle Driver																
2.	Sector/s	Automotive																
3.	Type of Qualification: <input type="checkbox"/> New <input checked="" type="checkbox"/> Revised <input checked="" type="checkbox"/> Has Electives/Options <input type="checkbox"/> OEM <input type="checkbox"/> Rationalised	NQR Code & version of existing/previous qualification: <i>(change to previous, once approved)</i> NCVET- QG-03-AU-00717-2023-V1.1-ASDC	Qualification Name of existing/previous version: Commercial Vehicle Driver															
4.	a. OEM Name b. Qualification Name <i>(Wherever applicable)</i>																	
5.	National Qualification Register (NQR) Code &Version <i>(Will be issued after NSQC approval)</i>	QG-03-AU-03583-2025-V2-ASDC	6. NCrf/NSQF Level: 3															
7.	Award (Certificate/Diploma/Advance Diploma/ Any Other <i>(Wherever applicable specify multiple entry/exits also & provide details in annexure)</i>	Certificate																
8.	Brief Description of the Qualification	Individuals at this job need to drive safely on the assigned route. Individual needs to have a valid HMV driving License and PSV badge. Individual is expected to Drive a commercial vehicle including LCV, pickup trucks, bus, maxi cab, school van, transport vehicles and ensuring safety of passengers/goods as well as public on the road. This role requires the individual to possess relevant technical skills to handle most of the routine break downs that could likely be encountered while driving long distances and through difficult terrains. The individual is also expected to achieve other key performance parameters like fuel efficiency, on time delivery etc.																
9.	Eligibility Criteria for Entry for Student/Trainee/Learner/Employee	a. Entry Qualification & Relevant Experience: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">S. No.</th> <th style="width: 60%;">Academic/Skill Qualification (with Specialization - if applicable)</th> <th style="width: 30%;">Required Experience (with Specialization - if applicable)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>10th Class + 1 year NAC/NTC</td> <td></td> </tr> <tr> <td>2</td> <td>10th Class pass</td> <td>1.5 years of relevant experience</td> </tr> <tr> <td>3</td> <td>11th Class Pass</td> <td>1. year of relevant experience</td> </tr> <tr> <td>4</td> <td>Certificate-NSQF (Light Motor Vehicle Level 2.5)</td> <td>1.5 Years of relevant experience & 1 year old LMV license mandatory as per CMVR act</td> </tr> </tbody> </table>		S. No.	Academic/Skill Qualification (with Specialization - if applicable)	Required Experience (with Specialization - if applicable)	1	10th Class + 1 year NAC/NTC		2	10th Class pass	1.5 years of relevant experience	3	11th Class Pass	1. year of relevant experience	4	Certificate-NSQF (Light Motor Vehicle Level 2.5)	1.5 Years of relevant experience & 1 year old LMV license mandatory as per CMVR act
S. No.	Academic/Skill Qualification (with Specialization - if applicable)	Required Experience (with Specialization - if applicable)																
1	10th Class + 1 year NAC/NTC																	
2	10th Class pass	1.5 years of relevant experience																
3	11th Class Pass	1. year of relevant experience																
4	Certificate-NSQF (Light Motor Vehicle Level 2.5)	1.5 Years of relevant experience & 1 year old LMV license mandatory as per CMVR act																

		b. Age: <19 Years>				
10. Credits Assigned to this Qualification, Subject to Assessment (as per National Credit Framework (NCrF))	12	11. Common Cost Norm Category (I/II/III) (wherever applicable): I				
12. Any Licensing requirements for Undertaking Training on This Qualification (wherever applicable)	Valid HMV Permanent license					
13. Training Duration by Modes of Training Delivery (Specify Total Duration as per selected training delivery modes and as per requirement of the qualification)	<input checked="" type="checkbox"/> Offline <input type="checkbox"/> Online <input type="checkbox"/> Blended					
	Training Delivery Modes	Theory (Hours)	Practical (Hours)	OJT Mandatory (Hours)	Viva (Hours)	Total (Hours)
	Classroom (offline)	107	223	30	-	360
	Online					
(Refer Blended Learning Annexure for details)						
14. Aligned to NCO/ISCO Code/s (if no code is available mention the same)	NCO-2015/8331.0301					
15. Progression path after attaining the qualification (Please show Professional and Academic progression)	Service Technician (HMV)					
16. Other Indian languages in which the Qualification & Model Curriculum are being submitted	Hindi					
17. Is similar Qualification(s) available on NQR-if yes, justification for this qualification	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No URLs of similar Qualifications:					
18. Is the Job Role Amenable to Persons with Disability	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes", specify applicable type of Disability:					
19. How Participation of Women will be Encouraged	No					
20. Are Greening/ Environment Sustainability Aspects Covered (Specify the NOS/Module which covers it)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
21. Is Qualification Suitable to be Offered in Schools/Colleges	Schools <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Colleges <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
22. Name and Contact Details of Submitting / Awarding Body SPOC (In case of CS or MS, provide details of both Lead AB & Supporting ABs)	Name: Mr. Arindam Lahiri Email: Ceo@asdc.org.in Website: www.asdc.org.in Contact No.: 011-42599800					
23. Final Approval Date by NSQC: 18/02/2025	24. Validity Duration: 3 Years		25. Next Review Date 18/02/2028			

Section 2: Module Summary

NOS/s of Qualifications

(In exceptional cases these could be described as components)

Mandatory NOS/s:

Specify the training duration and assessment criteria at NOS/ Module level. For further details refer curriculum document.

Th.-Theory Pr.-Practical OJT-On the Job Man.-Mandatory Training Rec.-Recommended Proj.-Project Vi-Viva

S. No	NOS/Module Name	NOS/Module Code & Version (if applicable)	Core/Non-Core	NCrF/NS QF Level	Credits as per NCrF	Training Duration (Hours)					Assessment Marks					
						Th.	Pr.	OJT-Man.	OJT-Rec.	Total	Th.	Pr.	Proj.	Viva	Total	Weightage (%) (if applicable)
1.	Organize work and resources (Road Transportation)	ASC/N9809 NOS Version No. 1.0	Non-Core	3	2	20	40	-	-	60	50	30	-	20	100	5
2.	Ensure roadworthiness and drive a heavy motor vehicle (HMV) safely	ASC/N9607 NOS Version No. 1.0	Core	3	3	25	65	-	-	90	30	50	-	20	100	25
3.	Ensure roadworthiness of Electric Vehicle (EV)	ASC/N9606 NOS Version No. 2.0	Core	3	3	30	60	-	-	90	30	50	-	20	100	30
4.	Employability Skills	DGT/VSQ/N0101	Non-Core	3	1	12	18	-	-	30	20	30	-	-	50	5
5.	OJT				1			30		30						
Duration (in Hours) / Total Marks						10	87	183	30	300	130	160	-	60	350	65

Elective NOS/s:

Elective 1: Goods Transportation

S. No	NOS/Module Name	NOS/Module Code & Version (if applicable)	Core/Non-Core	NCrF/NS QF Level	Credits as per NCrF	Training Duration (Hours)					Assessment Marks				
						Th.	Pr.	OJT-Man.	OJT-Rec.	Total	Th.	Pr.	Proj.	Viva	Total

S. No	NOS/Module Name	NOS/Module Code & Version (if applicable)	Core/Non-Core	NCrF/NS QF Level	Credits as per NCrF	Training Duration (Hours)					Assessment Marks					
						Th.	Pr.	OJT-Man.	OJT-Rec.	Total	Th.	Pr.	Proj.	Viva	Total	Weightage (%) (if applicable)
1.	Perform cargo and goods delivery operations	ASC/N9612 NOS Version No. .0	Core	3	2	20	40	-	-	60	30	50	-	20	100	35
Duration (in Hours) / Total Marks					2	20	40	-	-	60	30	50	-	20	100	35

Elective 2: Passenger Transportation

S. No	NOS/Module Name	NOS/Module Code & Version (if applicable)	Core/Non-Core	NCrF/NS QF Level	Credits as per NCrF	Training Duration (Hours)					Assessment Marks					
						Th.	Pr.	OJT-Man.	OJT-Rec.	Total	Th.	Pr.	Proj.	Viva	Total	Weightage (%) (if applicable)
1.	Perform heavy passenger vehicle operations	ASC/N9613 NOS Version No. .0	Core	3	2	20	40	-	-	60	30	50	-	20	100	35
Duration (in Hours) / Total Marks					2	20	40	-	-	60	30	50	-	20	100	35

Optional NOS/s:

S. No	NOS/Module Name	NOS/Module Code & Version (if applicable)	Core/Non-Core	NCrF/NS QF Level	Credits as per NCrF	Training Duration (Hours)					Assessment Marks					
						Th.	Pr.	OJT-Man.	OJT-Rec.	Total	Th.	Pr.	Proj.	Viva	Total	Weightage (%) (if applicable)
1.																
2.																
Duration (in Hours) / Total Marks																

Assessment - Minimum Qualifying Percentage

Please specify **any one** of the following:

Minimum Pass Percentage – Aggregate at qualification level: 70 % (Every Trainee should score specified minimum aggregate passing percentage at qualification level to successfully clear the assessment.)

Minimum Pass Percentage – NOS/Module-wise: 70 % (Every Trainee should score specified minimum passing percentage in each mandatory and selected elective NOS/Module to successfully clear the assessment.)

Section 3: Training Related

1.	Trainer's Qualification and experience in the relevant sector (in years) (as per NCVET guidelines)	Graduate (Any Discipline) with 2-3 years of industry experience in Driving and 1-0 years of Training Experience Or ITI (Mechanic Motor Vehicle) with 2-3 years of industry experience in Driving and 1-0 years of Training Experience Or Certificate-NSQF (Driver Trainer L 4.5) with 2 years of industry experience in Driving and 1 years of Training Experience
2.	Master Trainer's Qualification and experience in the relevant sector (in years) (as per NCVET guidelines)	Graduate (Any Discipline) with 3-4 years of industry experience in Driving and 1-0 years of Training Experience Or ITI (Mechanic Motor Vehicle) with 3-4 years of industry experience in Driving and 1-0 years of Training Experience Or Certificate-NSQF (Driver Trainer L 4.5) with 3 years of industry experience in Driving and 1 years of Training Experience
3.	Tools and Equipment Required for Training	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (If "Yes", details to be provided in Annexure)
4.	In Case of Revised Qualification, Details of Any Upskilling Required for Trainer	

Section 4: Assessment Related

1.	Assessor's Qualification and experience in relevant sector (in years) (as per NCVET guidelines)	Graduate (Any Discipline) with 3-4 years of industry experience in Driving and 1-0 years of Training Experience Or ITI (Mechanic Motor Vehicle) with 3-4 years of industry experience in Driving and 1-0 years of Training Experience Or Certificate-NSQF (Driver Trainer L 4.5) with 3 years of industry experience in Driving and 1 years of Training Experience
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2.	Proctor’s Qualification and experience in relevant sector (in years) (as per NCVET guidelines)	As above
3.	Lead Assessor’s/Proctor’s Qualification and experience in relevant sector (in years) (as per NCVET guidelines)	Graduate (Any Discipline) with 4-5 years of industry experience in Driving and 1-0 years of Training Experience Or ITI (Mechanic Motor Vehicle) with 4-5 years of industry experience in Driving and 1-0 years of Training Experience Or Certificate-NSQF (Driver Trainer L 4.5) with 4 years of industry experience in Driving and 1 years of Training Experience
4.	Assessment Mode (Specify the assessment mode)	Formative, Summative & Skill Assessment
5.	Tools and Equipment Required for Assessment	<input checked="" type="checkbox"/> Same as for training <input type="checkbox"/> Yes <input type="checkbox"/> No (details to be provided in Annexure-if it is different for Assessment)

Section 5: Evidence of the need for the Qualification

Provide Annexure/Supporting documents name.

1.	Latest Skill Gap Study (not older than 2 years) (Yes/No):
2.	Latest Market Research Reports or any other source (not older than 2 years) (Yes/No):
3.	Government /Industry initiatives/ requirement (Yes/No): Yes
4.	Number of Industry validation provided: 21
5.	Estimated nos. of persons to be trained and employed: 2500
6.	Evidence of Concurrence/Consultation with Line Ministry/State Departments: Yes If “No”, why:

Section 6: Annexure & Supporting Documents Check List

Specify Annexure Name / Supporting document file name

1.	Annexure: NCrF/NSQF level justification based on NCrF level/NSQF descriptors (Mandatory)	
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2.	Annexure: List of tools and equipment relevant for qualification (Mandatory, except in case of online course)	Specified in the Model Curriculum
3.	Annexure: Detailed Assessment Criteria (Mandatory)	Specified in the Model Curriculum
4.	Annexure: Assessment Strategy (Mandatory)	Specified in the Model Curriculum
5.	Annexure: Blended Learning (Mandatory, in case selected Mode of delivery is "Blended Learning")	
6.	Annexure: Multiple Entry-Exit Details (Mandatory, in case qualification has multiple Entry-Exit)	
7.	Annexure: Acronym and Glossary (Optional)	
8.	Supporting Document: Model Curriculum (Mandatory – Public view)	Specified in the Model Curriculum
9.	Supporting Document: Career Progression (Mandatory - Public view)	Specified in the Model Curriculum
10.	Supporting Document: Occupational Map (Mandatory)	Specified in the Model Curriculum
11.	Supporting Document: Assessment SOP (Mandatory)	Specified in the Model Curriculum
12.	Any other document you wish to submit:	

Annexure: Evidence of Level

NCrF/NSQF Level Descriptors	Key requirements of the job role/ outcome of the qualification	How the job role/ outcomes relate to the NCrF/NSQF level descriptor	NCrF/NSQF Level
Professional Theoretical Knowledge/Process	<p>Participants gain a comprehensive understanding of</p> <ol style="list-style-type: none"> 1. Traffic rules and regulations: Commercial Vehicle drivers should have a good understanding of traffic rules and regulations. They need to know the various traffic signs, signals, and markings, as well as the appropriate usage of seatbelts and child safety seats. 2. Time Management and Route Planning: Drivers must have the ability to plan routes, manage time, and prioritize tasks, such as fueling and rest breaks. They must be able to navigate unfamiliar areas and follow maps or GPS systems. 3. Load Securement and Document Management: They must understand how to properly secure loads, including hazardous materials and oversized freight, and comply with transportation regulations. As drivers, they also must keep a record of their driving hours, mileage, and cargo to ensure compliance with federal and state laws. 4. Defensive driving techniques: Commercial Vehicle drivers should know how to identify potential hazards on the road and practice 	<p>Participants can contribute towards</p> <ol style="list-style-type: none"> 1. Improved job prospects: Completion of a theoretical Commercial Vehicle driver course increases the chances of getting a job as a driver in various industries. 2. Road safety: With professional theoretical knowledge, drivers understand road safety rules and regulations, which reduces accidents and improves road safety. 3. Compliance with laws and regulations: Professional theoretical knowledge ensures that drivers comply with traffic laws and regulations, which reduces the risk of fines and penalties. 	3

	<p>defensive driving techniques to avoid accidents. They should know how to maintain a safe following distance, how to drive in different types of weather conditions, and how to navigate through heavy traffic.</p> <p>5. Safe driving practices: Commercial Vehicle drivers should have knowledge of safe driving practices to minimize the risk of accidents. This includes avoiding distracted driving, driving while under the influence of drugs or alcohol, and speeding.</p>		
Professional and Technical Skills/ Expertise/ Professional Knowledge	<p>1. Driving skills: This involves practical skills such as steering, accelerating, braking, clutch control, gear changing, reversing, parking, overtaking, use of indicators and side mirrors, and avoiding accidents.</p> <p>2. Traffic regulations: Understanding and following traffic regulations such as traffic signs, signals, road markings, speed limits, and right-of-way rules is essential for safe driving.</p> <p>3. Vehicle maintenance: Basic knowledge of vehicle maintenance such as checking oil levels, tire pressures, brakes, and other essential vehicle components is important for ensuring safety and reducing breakdowns.</p> <p>4. Defensive driving: Understanding the importance of anticipating and avoiding potential hazards on the road can help to prevent accidents and promote safe driving.</p> <p>5. Customer service: Good communication and interpersonal skills with passengers can enhance the quality of service provided by drivers and contribute to customer satisfaction.</p>	<p>Participants will have a strong grasp of 1. Employment opportunities as a Commercial Vehicle driver in various sectors such as transportation, logistics, and courier services.</p> <p>2. Increased earning potential as a skilled driver with good driving habits and knowledge of traffic laws and safety regulations.</p> <p>3. Better chances of career growth and promotion within the transportation industry.</p> <p>4. Improved safety and efficiency in driving, leading to fewer accidents and incidents on the road.</p> <p>5. Development of communication and teamwork skills, as drivers often interact with clients, vendors, and other employees.</p>	3
Responsibility	Responsible for completing the Vehicle Pre-Check, Vehicle Documents, Safe Driving, Traffic Rules & Regulations, Passenger & Goods Safety.	Participants will have a strong grasp of Vehicle Pre-Check, Traffic Rules & Regulations, Passenger & Goods Safety.	3

Annexure: Tools and Equipment (Lab Set-Up)

List of Tools and Equipment
 Batch Size: 20-25 Nos

S. No.	Tool / Equipment Name	Specification	Quantity for specified Batch size
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1	Escalation matrix and Organization structure	Vehicle with related spare parts	1
2	Waste bins	Pollution Test, Load Limit, Vehicle Documents.	1
3	Personal Protection Equipment	-Standard	25
4	Medical testing equipment	Personal Protection Equipment: Safety glasses, Sanitization kit, Hand gloves, Face masks, Safety shield, Fire extinguisher, First aid kit.	1
5	Medical testing equipment	Hand Tools, Machine Tools	1
6	Wheel Bearing	Standard	1
7	First Aid Box	Standard	1
8	Fire extinguisher	Standard	1
9	Trolley jack	Standard	1
10	Jack	Standard	1
11	Tyre Repair Kit with tyre levers	Standard	1
12	Tyre Inflator with pressure gauge	Standard	1
13	Simulator	Standard	1
14	Inspection Pit/Ramp/2 post lift	Standard	1
15	Grease gun	Standard	1
16	Books on safety	Standard	1
17	Books on driving	Standard	1
18	Hand Tools (Std & spl) For Vehicle Maintenance (with screw drivers & pliers)	Standard	1
19	Books on automobile mechanism	Standard	1
20	Traffic Control Hand Signal Chart	Standard	1
21	Traffic Signal Chart	Standard	1
22	Road Signs Chart	Standard	1
23	CMVR/RTO's Rule book	Standard	1
24	Wall charts for systems: Fuel	Standard	1
25	Wall charts for systems: Exhaust	Standard	1
26	Wall charts for systems: Electrical	Standard	1
27	Wall charts for systems: Cooling	Standard	1
28	Wall charts for systems: Lubrication	Standard	1
29	Wall charts for systems: Vehicle details	Standard	1
30	Failed parts linking to bad driving: Damaged tyres,	Standard	1
31	Failed parts linking to bad driving: Crown with pinion	Standard	1
32	Failed parts linking to bad driving: Gear assy parts	Standard	1
33	Failed parts linking to bad driving: Piston & liner	Standard	1
34	Failed parts linking to bad driving: Axle and propeller shaft	Standard	1
35	Failed parts linking to bad driving: Clutch assy	Standard	1
36	Failed parts linking to bad driving: Alternator	Standard	1

37	Failed parts linking to bad driving: Starter motor	Standard	1
38	Other vehicle aggregates like rear axle assembly with brakes	Standard	1
39	Other vehicle aggregates like transmission parts	Standard	1
40	Other vehicle aggregates like propeller shaft	Standard	1
41	Working models of cooling system	Standard	1
42	Working models of fuel system	Standard	1
43	Working models of electrical system	Standard	1
44	Working models of transmission	Standard	1
45	Type of Vehicle - HMV	Standard	2
46	Road Plan Board	Standard	1
47	Driving instruction manual	Standard	1
48	Cut section: Engine - Gear Box (Petrol Or Diesel) 4 wheeler	Standard	1
49	Piston	Standard	1
50	Liner	Standard	1
51	Valves	Standard	1
52	Clutch plate	Standard	1
53	Pressure Plate	Standard	1
54	Compliance Requirements, like Pollution Test, Load Limit, etc.	Standard	1
55	Driving Track For Basic Driving Practice & Steering Control	Standard	10
56	White board with markers	Standard	1
57	Pin up board	Standard	1
58	Trainer Laptop/Desktop with power cord	Standard	1
59	Notice board	Standard	1
60	Wireless laser pointer slide presenter	Standard	1
61	Mic	Standard	1
62	Flip chart stand	Standard	1
63	Flip chart	Standard	1
64	2 audio speakers minimum 3 Watt	Standard	1
65	Class Room (for capacity see remarks)	Standard	1
66	Standard Chair and Table	Standard	25
67	Computer with internet	Standard	10
68	Trainer Table/chair	Standard	1
69	Mobile handset/tablet	Standard	1
70	DLP/LED Projector with power cord	Standard	1
71	Projector Wall mount	Standard	1
72	Projector Screen	Standard	1
73	Projector HDMI/VGA cable	Standard	1
74	failed parts like clutch , axle shaft, pestons liner, gear parts	Standard	1

	damaged tyre		
75	Pin up board	Standard	1
76	fire extinguisher	Standard	2
77	pliers	Standard	1
78	Standard Chair and Table	Standard	30
79	tyre levers	Standard	1
80	Computer with internet	Standard	1
81	simulator mounted on heavy vehicle cabin	Standard	1
82	trolley jack	Standard	1
83	Air Compressor	Standard	1
84	White Board	Standard	1
85	white board marker	Standard	5
86	spanner set	Standard	1
87	set of tools (std and special)	Standard	1
88	First Aid Box	Standard	1
89	Working model of transmission, electrical system, cooling system & fuel system	Standard	1
90	wheel brace	Standard	1
91	LCD Projector	Standard	1
92	grease gun	Standard	1
93	Class Room	Standard	300
94	Tyre pressure gange	Standard	1
95	Driving track	Standard	
96	screw drivers	Standard	1
97	system wall charts like lubrications, cooling and fuel system	Standard	1
98	cut section of model of engine and other vehicle aggregates like rear axle assembly, petrol/diesel engine with clutch and gear box	Standard	1
99	Heavy Vehicle	Standard	4
100	battery charger	Standard	1
101	jack	Standard	1

Classroom Aids

The aids required to conduct sessions in the classroom are:

1. Laptop
2. Whiteboard and marker

3. Projector

NSQC APPROVED

Annexure: Industry Validations Summary

Provide the summary information of all the industry validations in table. This is not required for OEM qualifications.

S. No	Organization Name	Representative Name	Designation	Contact Address	Contact Phone No	E-mail ID	LinkedIn Profile (if available)
1	NSEPF ASSESSMENT PVT .LTD	Ashish Kumar	Chief Operating Officer			coo@nsepf.in	
2	NRL AUTOSALES PRIVATE LIMITED.	Honey Garg	Director			MD@NRLMAHINDRA.COM	
3	Anjaney Automobiles Pvt Ltd	Anjaney Automobiles Pvt Ltd	Director			Anjaneyroyall@gmail.com	
4	Skillmate Technologies Pvt. Ltd.,	Gajanan R. Trikutkar	Director & Co-Founder				
5	Sparsh Kia	Paramveer Mehta	VP Sparsh			vp@sparsh.co	
6	Sparsh Tata	Paramveer Mehta	VP Sparsh			vp@sparsh.co	
7	Vahan Chalak Kaushal Vikas Sansthan	Rajendra Singh Rathore	Secretary			rdtcsingawal@gmail.com	
8	Soceity for Ashok leyland driver training institute	Aswani Kumar	Head			ashwani@ashokleyland.com	
9	North star Tecno services	Suresh Kumar Rai	Chief Project Manager				
10	Tamil Nadu Smart and Advanced Manufacturing Centre	Sukhpreet Singh	Chief Executive Officer			sukhpreet@tansam.org	
11	Automated Drivers training Testing and skill Institute	Mahendra Pal	Manager			pal@schoolnetindia.com	
12	SYNOPTIC SKILLS STUDIO PVT LTD.	PRASANNA SAMEL	Cofounder & Director			prasanna.samel@synopticskillsstudio.com	
13	Go Auto Pvt Ltd	Sanjeev Kumar	Vice president			vp.ops@goauto.in	
14	Vision India	Navneet Nigam	Associate Vice President			Navneet.nigam@vispl.co.in	
15	Soceity for Ashok leyland driver training institute	Sanjay Gautam	CEO			sanjay.gautam@ashokleyland.com	
16	Soceity for Ashok leyland driver training institute	Aswani Kumar	Head Driver Training Institute	MP		Kumar.ashwani@ashokleyland.com	
17	Abhiraj Business Enterprises Pvt Ltd	Arun Kumar Sharma	Director			abhirajbusiness.en@gmail.com	
18	ASHOK LEYLAND VEHICLE DRIVER TRAINING INSTITUTE	D. P. Singh	Director	RAJSAMAND		DharmendraPal.Singh@ashokleyland.com	
19	Shanti Automobile	Vinod Kumar	Prop.	UP		shantiautomobiles.sbk@gmail.com	
20	KPIT Technologies Ltd	Omkar Rane	Project Manager, Alternate Fuels			omkar.rane@kpit.com	
21	Car-O-Liner	Dhaval Rajput	Training Manager			dhaval.rajput@car-o-liner.se	

Annexure: Training & Employment Details

Training and Employment Projections:

Year	Total Candidates		Women		People with Disability	
	Estimated Training #	Estimated Employment Opportunities	Estimated Training #	Estimated Employment Opportunities	Estimated Training #	Estimated Employment Opportunities
2025-26	500	350	200	140	50	35
2026-27	1000	700	400	280	100	70
2027-28	1500	1050	600	420	150	105

Data to be provided year-wise for next 3 years

Training, Assessment, Certification, and Placement Data for previous versions of qualifications:

Qualification Version	Year	Total Candidates				Women				People with Disability			
		Trained	Assessed	Certified	Placed	Trained	Assessed	Certified	Placed	Trained	Assessed	Certified	Placed

Applicable for revised qualifications only, data to be provided year-wise for past 3 years.

List Schemes in which the previous version of Qualification was implemented:

- 1.
- 2.

Content availability for previous versions of qualifications:

Participant Handbook Facilitator Guide Digital Content Qualification Handbook Any Other:

Languages in which Content is available:

Annexure: Blended Learning

Blended Learning Estimated Ratio & Recommended Tools:

Refer NCVET "Guidelines for Blended Learning for Vocational Education, Training & Skilling" available on:

S. No.	Select the Components of the Qualification	List Recommended Tools – for all Selected Components	Offline: Online Ratio
1	<input checked="" type="checkbox"/> Theory/ Lectures - Imparting theoretical and conceptual knowledge	<ul style="list-style-type: none"> • Books/ e-books • Presentations • Reference Material • Audio / Video Modules 	100:0
2	<input checked="" type="checkbox"/> Imparting Soft Skills, Life Skills, and Employability Skills /Mentorship to Learners	<ul style="list-style-type: none"> • Self-Learning Videos • Broadcasts • Mobile Learning • Curated Digital content 	100:0
3	<input checked="" type="checkbox"/> Showing Practical Demonstrations to the learners	<ul style="list-style-type: none"> • Video Content • E-Resource library • AR/ VR/ XR 	100:0
4	<input checked="" type="checkbox"/> Imparting Practical Hands-on Skills/ Lab Work/ workshop/ shop floor training	<ul style="list-style-type: none"> • Training tools (tools list attached) • Video Play • Presentations 	100:0
5	<input checked="" type="checkbox"/> Tutorials/ Assignments/ Drill/ Practice	<ul style="list-style-type: none"> • Online Question Bank • Mobile Quick test app • MCQ based tests 	100:0
6	<input checked="" type="checkbox"/> Proctored Monitoring/ Assessment/ Evaluation/ Examinations	<ul style="list-style-type: none"> • Assessment engine for Essays • Up-loadable file examinations • Mock test sessions 	100:0
7	<input checked="" type="checkbox"/> On the Job Training (OJT)/ Project Work Internship/ Apprenticeship Training	<ul style="list-style-type: none"> • Online tests • Offline assessments 	100:0

Annexure: Detailed Assessment Criteria

Detailed assessment criteria for each NOS/Module are as follows:

ASC/N9809: Organize work and resources (Road Transportation)

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Maintain safe and secure working environment</i>	17	11	-	5
PC1. organize work as per the organization's health,safety and security policies and procedures	3	2	-	1
PC2. identify the risks and hazards associated whiledriving and their causes and preventions	3	2	-	1
PC3. check and ensure the functioning of vehiclebefore commencing work	3	2	-	1
PC4. identify and report vehicle maintenance andrepair requirements/risks as per SOP, if any	3	2	-	1
PC5. take corrective measures and follow standardfirst-aid procedures in case of an accident	2	2	-	1
PC6. ensure safety of all passengers and immediatelyreport any breaches to the appropriate authority	3	1	-	-
<i>Maintain health and hygiene</i>	15	11	-	8
PC7. ensure vehicle and equipment are regularlycleaned and sanitized	2	1	-	1
PC8. wash hands with soap and use alcohol-basedsanitizer regularly	1	2	-	1
PC9. avoid contact with ill people and self-isolate in asimilar situation	3	3	-	1
PC10. wear and dispose of PPEs regularly andappropriately	3	2	-	1
PC11. report hygiene and sanitation issues toappropriate authority, if any	3	1	-	2
PC12. follow processes specified for disposal ofhazardous waste	3	2	-	2
<i>Material/energy conservation practices</i>	18	8	-	7
PC13. identify ways to optimize usage of fuel(Petrol/diesel/CNG) in the vehicle	3	2	-	1

PC14. use resources in a responsible manner	2	1	-	1
PC15. check for spills/leakages in the vehicle with caution	3	1	-	1
PC16. plug spills/leakages of fuel (Petrol/diesel/CNG), oil/coolant or water from the vehicle and escalate to appropriate authority if unable to rectify	4	2	-	2
PC17. report malfunctioning (fumes/sparks/emission/vibration/noise) and lapse in maintenance of the vehicle	3	1	-	1
PC18. ensure the various equipment of the vehicle is properly connected	3	1	-	1
NOS Total	50	30	-	20

ASC/N9607: Ensure roadworthiness and drive a heavy motor vehicle (HMV) safely

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Examine the vehicle before the trip</i>	6	14	-	2
PC1. check and conform the vehicle's condition as per health and safety guidelines before starting the trip	1	2	-	-
PC2. ensure the vehicle meets the legal and compliance requirements like pollution test, load limit, height and length of body, etc.	1	-	-	-
PC3. carry out routine maintenance checks on the vehicle such as tyre air pressure, fuel (Petrol/diesel/CNG) level, working of headlights and brakes, CNG cylinder valves, trolley, latches, etc.	1	2	-	-
PC4. check vehicle service record for any history of technical defects or immediate need for servicing like oil/filter change, air suspension, etc.	-	2	-	-
PC5. maintain records of all deviations observed while carrying out internal/external checks on vehicle	-	2	-	-
PC6. report defects/deviations to the concerned persons	1	-	-	-
PC7. determine roadworthiness of the vehicle and use another vehicle if the vehicle is found unfit	1	2	-	1
PC8. inspect all gauges, warning lights for proper functioning	1	2	-	1
PC9. ensure the doors are locked before moving the vehicle				

	-	2	-	-
<i>Drive the commercial vehicle (CV) as per standard driving practices</i>	1	12	-	3
PC10. perform pre-driving activities like shoulder checking, adjusting IRVM/ ORVM, parking camera and releasing of handbrakes, etc.	-	2	-	1
PC11. insert key or press the ignition switch to start the vehicle after glue plug (diesel IC engine only) sign disappears	-	2	-	-
PC12. coordinate gear changes, if any, with appropriate use of clutch/acceleration and steering control	-	2	-	-
PC13. manoeuvre the vehicle responsibly by monitoring speed within limit in different road conditions ensuring vehicle, occupants and good safety	-	2	-	-
PC14. coordinate the accelerator, steering control and brakes appropriately for safe driving, stopping and vehicle parking	1	2	-	1
PC15. ensure maximum vehicle fuel (Petrol/diesel/CNG) efficiency while driving	-	2	-	1
<i>Follow traffic rules and regulation</i>	8	7	-	2
PC16. follow traffic guidelines while driving like avoiding excessive honking, passing through a railway crossing, taking U-turns, passing an overbridge, etc.	2	2	-	1
PC17. keep safe distance from other vehicles	2	2	-	-
PC18. maintain prescribed speed limits at all times and avoid road hog	2	1	-	-
PC19. park the vehicle within the area dedicated for commercial vehicles at appropriate spots	-	1	-	-
PC20. follow local and state specific driving laws and traffic regulations, including overloading	1	-	-	-
PC21. turn off the ignition at red lights or after parking the vehicle to obtain better fuel efficiency	1	1	-	1
<i>Attend vehicle faults</i>	7	6	-	7
PC22. keep a check on all gauges, warning lights, unusual sound/vibrations, CNG Leakage, etc. while driving and respond accordingly	2	2	-	1
PC23. stop the vehicle at a safe place in case of any malfunction and turn off the ignition	1	-	-	1
PC24. conduct a quick diagnostic check on the vehicle after certain intervals of travel time	-	2	-	1

PC25. perform minor adjustments or temporary repairs like replacement/top-up of oil/tyres air	1	2	-	1
PC26. pressure wash the vehicle, clean windshield, etc. during halts	1	-	-	1
PC27. report the problem to the concerned person(s) to get appropriate help from the command office	1	-	-	1
PC28. take the vehicle to the service point for corrective action in case of major defect or accident, if any	1	-	-	1
<i>Drive the passengers to the destination</i>	8	11	-	6
PC29. follow a specific timetable and drive on a planned route during the duty hours	2	2	-	1
PC30. ensure that the passenger's luggage is boarded and secured before starting the trip	1	2	-	1
PC31. communicate with ticket collector to confirm passenger payments before starting the trip	1	-	-	1
PC32. ensure passenger safety during the journey, and while boarding and de-boarding	2	2	-	1
PC33. report unruly behavior from passengers to the command office	1	3	-	1
PC34. inform command office regarding delays or any issues during the journey/route	1	2	-	1
NOS Total	30	50	-	20

ASC/N9606: Ensure roadworthiness of Electric Vehicle (EV)

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Ensure roadworthiness of Electric Vehicle</i>	24	40	-	15
PC1. identify the basics of driving an Electric Vehicle as against an Internal Combustion (IC) Engine	3	6	-	2
PC2. ensure the availability of tools required for the basic maintenance of the EV as mentioned in the Work Instructions/SOPs	3	5	-	2
PC3. ensure optimum charging in Electric Vehicle	3	5	-	2

PC4. apply the OEM's Standard Operating Procedures (SOP) to identify the basic electrical/electronic faults	3	5	-	2
PC5. identify maximum level of vehicle battery charging and different charging sockets	3	4	-	2
PC6. identify dashboard's signs, signals, sensors, switches, gauges, Human Machine Interface (HMI) & Electronic Instrument Cluster (EIC)	3	5	-	2
PC7. complete required statutory documents relevant to safety	4	5	-	2
PC8. inform to concerned person in case of any problem	2	5	-	1
<i>CMVR and state guidelines</i>	6	10	-	5
PC9. follow CMVR (Central Motor Vehicle Rules) guidelines issued by MoRTH (Ministry of Road Transport & Highways)	3	5	-	3
PC10. follow guidelines issued by RTOs and safety guidelines for EV issued by relevant authorities	3	5	-	2
NOS Total	30	50	-	20

ASC/N9612: Perform cargo and goods delivery operations

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Ensure compliance to duty</i>	7	14	-	7
PC1. obtain duty schedule from the concerned person	1	3	-	2
PC2. report to duty on time as per the schedule	2	3	-	2
PC3. wear proper uniform and PPE like masks, gloves, etc. as per standards	2	4	-	2
PC4. follow proper duty closure procedure on completion of responsibilities for the day	2	4	-	1
<i>Coordinate with the control room/authorized person</i>	6	13	-	3
PC5. liaise with the control room to get the details of the pickup goods and information of traffic				

	2	3	-	1
PC6. inform the concerned person regarding the inability to reach the pickup point on time because of traffic jams, vehicle breakdown, etc. incase of any delay	2	5	-	1
PC7. perform trip-end activities at the control room post dropping of the goods with complianceto duty closure and procedure	2	5	-	1
<i>Deliver the goods at the destination and collect thereceipt</i>	11	20	-	6
PC8. check and confirm the details of the goodsas per invoice	2	4	-	1
PC9. load the goods and secure them firmly in thevehicle	2	4	-	1
PC10. cover the goods with waterproof/resistantsheets in case of rainfall	2	4	-	1
PC11. unload the goods, get these checked bythe receiver and take receipt of delivery	2	4	-	1
PC12. coordinate with the control room about thedelivery and take further instructions	3	4	-	2
<i>Escalate the problem reporting tosupervisor/authorized person</i>	6	3	0	4
PC13. check the vehicle for defects and informthe supervisor/authorized person as per SOP	3	3	-	2
PC14. report the incidents, accidents, breakdowns, minor altercation, etc. during theday, if any to the supervisor/authorized person	3	-	-	2
NOS Total	30	50	0	20

ASC/N9613: Perform heavy passenger vehicle operations

Assessment Criteria for Outcomes	TheoryMarks	PracticalMarks	ProjectMarks	Viva Marks
<i>Ensure compliance to duty</i>	3	3		1
PC1. report to duty on time as per the schedule and obtain duty schedule from the reporting manager at the depo/branch office	1	1		-
PC2. wear proper uniform and batch as per standards	1	1		-
PC3. inform the reporting manager well in advance in case of sickness, leave or delay in reaching/picking up the	1	1		1

passenger at their destination				
<i>Plan and prepare for work</i>	6	10		5
PC4. liaise with the control room/authorized person to obtain bus travelling route	1	2		1
PC5. select appropriate/fastest route considering passenger safety, the road traffic condition and distance	1	2		1
PC6. stay alert about bad traffic or weather conditions	1	1		1
PC7. inspect vehicles and check gas, oil, and water levels prior to departure	1	2		1
PC8. maintain a clean and orderly bus interior	2	3		1
<i>Pickup and drop passengers at the destination</i>	17	29		10
PC9. operate a bus safely and efficiently to transport passengers to various destinations	2	3		1
PC10. drive bus over specified routes or to specified destinations according to time schedules, complying with traffic regulations to ensure that passengers have a smooth and safe ride	2	4		2
PC11. park vehicles at loading areas so that passengers can board	1	2		1
PC12. greet the customer appropriately as per the standards	1	2		1
PC13. check details of passengers incase of pre-booking by following organizational procedures	1	1		-
PC14. collect fares and issue tickets or passes as needed	1	2		1
PC15. announce stops to passengers	1	1		-
PC16. assist passengers with boarding and exiting the bus	1	2		-
PC17. assist passengers, such as elderly or individuals with disabilities, on and off bus, ensure they are seated properly, help carry baggage, and answer questions about bus schedules or routes	2	3		1
PC18. communicate with other drivers as needed to coordinate routes and schedules	2	4		1
PC19. follow proper closure procedures on completion of responsibilities for the day, e. g. park the bus at a dedicated zone, lock the bus, engage hand brake, etc.	1	2		1
PC20. attend training sessions and meetings as required	2	3		1
<i>Escalate the problem reporting to supervisor/authorized person</i>	4	8		4
PC21. inspect the bus before and after each trip to ensure it is in good working condition	1	2		1
PC22. keep a record about the vehicle service schedule and coordinate with authorized person for periodic maintenance, if required	1	2		1
PC23. inform in advance to the concerned authority about the repair needed on the vehicle for rectification of faults, if any	1	2		1
PC24. report any accidents, incidents, or mechanical problems to the appropriate authorities	1	2		1
NOS Total	30	50	-	20

DGT/VSQ/N0101: Employability Skills (30 Hours)

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Introduction to Employability Skills</i>	1	1	-	-
PC1. understand the significance of employability skills in meeting the job requirements	-	-	-	-
<i>Constitutional values – Citizenship</i>	1	1	-	-
PC2. identify constitutional values, civic rights, duties, personal values and ethics and environmentally sustainable practices	-	-	-	-
<i>Becoming a Professional in the 21st Century</i>	1	3	-	-
PC3. explain 21st Century Skills such as SelfAwareness, Behavior Skills, Positive attitude, self-motivation, problem-solving, creative thinking, time management, social and cultural awareness, emotional awareness, continuous learning mindset etc.	-	-	-	-
<i>Basic English Skills</i>	2	3	-	-
PC4. speak with others using some basic English phrases or sentences	-	-	-	-
<i>Communication Skills</i>	1	1	-	-
PC5. follow good manners while communicating with others	-	-	-	-
PC6. work with others in a team	-	-	-	-
<i>Diversity & Inclusion</i>	1	1	-	-
PC7. communicate and behave appropriately with all genders and PwD	-	-	-	-
PC8. report any issues related to sexual harassment	-	-	-	-
<i>Financial and Legal Literacy</i>	3	4	-	-
PC9. use various financial products and services safely and securely	-	-	-	-
PC10. calculate income, expenses, savings etc.	-	-	-	-
PC11. approach the concerned authorities for any exploitation as per legal rights and laws	-	-	-	-
<i>Essential Digital Skills</i>	4	6	-	-
PC12. operate digital devices and use its features and applications securely and safely	-	-	-	-
PC13. use internet and social media platforms securely and safely	-	-	-	-
<i>Entrepreneurship</i>	3	5	-	-
PC14. identify and assess opportunities for potential business	-	-	-	-
PC15. identify sources for arranging money and associated financial and legal challenges	-	-	-	-
<i>Customer Service</i>	2	2	-	-
PC16. identify different types of customers	-	-	-	-
PC17. identify customer needs and address them appropriately	-	-	-	-
PC18. follow appropriate hygiene and grooming standards	-	-	-	-

<i>Getting ready for apprenticeship & Jobs</i>	1	3	-	-
PC19. create a basic biodata	-	-	-	-
PC20. search for suitable jobs and apply	-	-	-	-
PC21. identify and register apprenticeship opportunities as per requirement	-	-	-	-
NOS Total	20	30	-	-

Assessment Parameters:

Assessment Plan:

1. Components of Assessment:

- Each subject will be assessed in three components: Theory (40% weightage), Practical (40% weightage), and On-job Training (OJT, 20% weightage).

2. Passing Parameters:

- To pass the semester, students must meet both the assessment parameters given below.

Parameter 1 - Weighted Semester Score:

- Students must achieve a minimum of 60% in the weighted average score across all three components (Theory, Practical, and OJT) for each subject.

Parameter 2 - Individual Component Score:

- Students need to score at least 40% in each individual component (Theory, Practical, and OJT) of every subject.

Annexure: Assessment Strategy

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

Mention the detailed assessment strategy in the provided template.

<1. Assessment System Overview:

- Batches assigned to the assessment agencies for conducting the assessment on 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

2. Testing Environment:

- Check the Assessment location, date and time
- If the batch size is more than 30, then there should be 2 Assessors.
- Check that the allotted time to the candidates to complete Theory & Practical Assessment is correct.

3. Assessment Quality Assurance levels/Framework:

- Question bank is created by the Subject Matter Experts (SME) are verified by the other SME
- Questions are mapped to the specified assessment criteria
- Assessor must be ToA certified & trainer must be ToT Certified

4. Types of evidence or evidence-gathering protocol:

- Time-stamped & geotagged reporting of the assessor from assessment location
- Centre photographs with signboards and scheme specific branding

5. Method of verification or validation:

- Surprise visit to the assessment location

6. Method for assessment documentation, archiving, and access

- Hard copies of the documents are stored

On the Job:

1. Each module (which covers the job profile of Automotive Service Assistant Technician) will be assessed separately.
2. The candidate must score 60% in each module to successfully complete the OJT.
3. Tools of Assessment that will be used for assessing whether the candidate is having desired skills and etiquette of dealing with customers, understanding needs & requirements, assessing the customer and perform Soft Skills effectively:
 - Videos of Trainees during OJT
 -
4. Assessment of each Module will ensure that the candidate is able to:
 - Effective engagement with the customers
 - Understand the working of various tools and equipment
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Annexure: Acronym and Glossary

Acronym

Acronym	Description
AA	Assessment Agency
AB	Awarding Body
ISCO	International Standard Classification of Occupations
NCO	National Classification of Occupations
NCrF	National Credit Framework
NOS	National Occupational Standard(s)
NQR	National Qualification Register

NSQF	National Skills Qualifications Framework
OJT	On the Job Training

Glossary

Term	Description
National Occupational Standards (NOS)	NOS define the measurable performance outcomes required from an individual engaged in a particular task. They list down what an individual performing that task should know and also do.
Qualification	A formal outcome of an assessment and validation process which is obtained when a competent body determines that an individual has achieved learning outcomes to given standards
Qualification File	A Qualification File is a template designed to capture necessary information of a Qualification from the perspective of NSQF compliance. The Qualification File will be normally submitted by the awarding body for the qualification.
Sector	A grouping of professional activities on the basis of their main economic function, product, service or technology.
Long Term Training	Long-term skilling means any vocational training program undertaken for a year and above. https://ncvet.gov.in/sites/default/files/NCVET.pdf

