



QUALIFICATION FILE

Jr. Technician (Electric Vehicle)

☒ 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:

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Section 1: Basic Details

1.	Qualification Name	Jr. Technician (Electric Vehicle)	
2.	Sector/s	Automotive	
3.	Type of Qualification: ☐ New ☐ Revised ☐ Has Electives/Options ☐ OEM	NQR Code & version of existing/previous qualification: <i>(change to previous, once approved)</i> 2022/AUT/KSDC/05925	Qualification Name of existing/previous version: Jr. Technician (Electric Vehicle)-V1
4.	a. OEM Name b. Qualification Name <i>(Wherever applicable)</i>	Jr. Technician (Electric Vehicle)	
5.	National Qualification Register (NQR) Code &Version <i>(Will be issued after NSQC approval)</i>	QG-03-AU -05925-2025-V2-KSDC	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	This course helps to develop skills in Electrical Vehicle. In this course students will have hands on experience on EV Motor, Motor controller, Battery pack, Battery Management System, Charging system, Regenerative Braking etc. Through this course, candidates will be able to develop skills on assembly of simple vehicle system, working on wiring connections, troubleshooting, repair and maintenance of Electric Vehicles (2 wheelers, 3 wheelers and 4 wheelers). It also provides understanding of basic regulatory requirements. This course provides career opportunities for students to work in automobile OEMs, suppliers, dealers, service centers. It also provides opportunities for students for entrepreneurship (starting own garages)	
9.	Eligibility Criteria for Entry for Student/Trainee/Learner/Employee	a. Entry Qualification & Relevant Experience: Grade 10 pass OR Grade 8 pass with two years of (NTC/ NAC) after 8th OR 9th Grade pass with 1.5 -year relevant experience OR 8th Grade pass with 3 -year relevant experience OR 5th grade pass with 7.5-year relevant experience OR Previous relevant Qualification of NSQF Level 2.5 with 1.5-year relevant experience OR Previous relevant Qualification of NSQF Level 2 with 1.5-year relevant experience	

		b. Age: Minimum Age: 15 Years																						
10.	Credits Assigned to this Qualification, Subject to Assessment (as per National Credit Framework (NCrF))	10	11. Common Cost Norm Category (I/II/III) (wherever applicable):																					
12.	Any Licensing requirements for Undertaking Training on This Qualification (wherever applicable)	NA																						
13.	Training Duration by Modes of Training Delivery (Specify Total Duration as per selected training delivery modes and as per requirement of the qualification)	☒ Offline ☐ Online ☐ Blended <table border="1"> <thead> <tr> <th>Training Delivery Modes</th><th>Theory (Hours)</th><th>Practical (Hours)</th><th>OJT Mandatory (Hours)</th><th>OJT Recommended (Hours)</th><th>Total (Hours)</th></tr> </thead> <tbody> <tr> <td>Classroom (offline)</td><td>65</td><td>145</td><td>90</td><td></td><td>300</td></tr> <tr> <td>Online</td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table> (Refer Blended Learning Annexure for details)					Training Delivery Modes	Theory (Hours)	Practical (Hours)	OJT Mandatory (Hours)	OJT Recommended (Hours)	Total (Hours)	Classroom (offline)	65	145	90		300	Online					
Training Delivery Modes	Theory (Hours)	Practical (Hours)	OJT Mandatory (Hours)	OJT Recommended (Hours)	Total (Hours)																			
Classroom (offline)	65	145	90		300																			
Online																								
14.	Aligned to NCO/ISCO Code/s (if no code is available mention the same)	7231.0100 Mechanic, Automobile																						
15.	Progression path after attaining the qualification (Please show Professional and Academic progression)	- Jr. Technician (Electric Vehicle) → Technician (Electric Vehicle) → Sr. Technician (Electric Vehicle) - Entrepreneurship																						
16.	Other Indian languages in which the Qualification & Model Curriculum are being submitted	No																						
17.	Is similar Qualification(s) available on NQR-if yes, justification for this qualification	☐ Yes ☒ No URLs of similar Qualifications:																						
18.	Is the Job Role Amenable to Persons with Disability	☐ Yes ☒ No If "Yes", specify applicable type of Disability:																						
19.	How Participation of Women will be Encouraged																							
20.	Are Greening/ Environment Sustainability Aspects Covered (Specify the NOS/Module which covers it)	☐ Yes ☒ No																						
21.	Is Qualification Suitable to be Offered in Schools/Colleges	Schools ☐ Yes ☐ No Colleges ☒ Yes ☐ 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: Nagaraja N M, IAS Managing Director, Karnataka Skill Development Corporation Email: md.ksdc@karnataka.gov.in Website: https://kaushalkar.karnataka.gov.in/en Contact No.: 080 2952 2222																						
23.	Final Approval Date by NSQC:	24. Validity Duration: 3 years		25. Next Review Date																				

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

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.	Comply with workshop health and safety guidelines.		Non-Core	3	1	5	5			10	1	1		1	3	3
2.	Assist to identify system and subsystem of Electrical Vehicle.		Core	3		5	15			20	1	2		2	5	5
3.	Support in selection, testing & replacement of Motors, DC-DC Convertor, Relays and wiring connection in EV.		Core	3	2	5	15			20	1	3		3	7	7
4.	Assist to charge the EV Battery & support to identify the health of EV Battery.		Core	3		5	15			20	1	3		3	7	7
5.	Assist to support to maintain EV regulatory requirements & Safety precautions for working on high voltage system.		Core	3		5	15			20	2	3		3	8	8
6.	Assist in Repair and maintenance of Electric		Core	3	1	10	20			30	2	4		4	10	10

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)
	Vehicle system.															
7.	Assignments (Based on case studies and Industrial application)		Core	3	2	20	40			60	4	8		8	20	20
8.	Mini Project (Based on Industrial application)		Core	3	3			90		90	6	12		12	30	30
9.	Employability Skills		Non-Core	3	1	10	20			30	2	4		4	10	10
Duration (in Hours) / Total Marks					10	65	145	90		300	20	40		40	100	100

Elective 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																

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: ____ % (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)	B. Tech in Engineering with 5-year experience in relevant field.
2.	Master Trainer's Qualification and experience in the relevant sector (in years) (as per NCVET guidelines)	B. Tech in Engineering with 5-year experience in relevant field.
3.	Tools and Equipment Required for Training	☒ Yes ☐ 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)	B. Tech in Engineering with 10-year experience in relevant field.
2.	Proctor's Qualification and experience in relevant sector (in years) (as per NCVET guidelines)	B. Tech in Engineering with 2-year experience in relevant field.
3.	Lead Assessor's/Proctor's Qualification and experience in relevant sector (in years) (as per NCVET guidelines)	B. Tech in Engineering with 5-year experience in relevant field.
4.	Assessment Mode (Specify the assessment mode)	Offline
5.	Tools and Equipment Required for Assessment	☒ Same as for training ☐ Yes ☐ 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): Yes
2.	Latest Market Research Reports or any other source (not older than 2 years) (Yes/No): Yes
3.	Government /Industry initiatives/ requirement (Yes/No): Yes
4.	Number of Industry validation provided:
5.	Estimated nos. of persons to be trained and employed:
6.	Evidence of Concurrence/Consultation with Line Ministry/State Departments: NA 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 <i>(Mandatory)</i>	Annexure 1
2.	Annexure: List of tools and equipment relevant for qualification <i>(Mandatory, except in case of online course)</i>	Annexure 2
3.	Annexure: Detailed Assessment Criteria <i>(Mandatory)</i>	Annexure 6
4.	Annexure: Assessment Strategy <i>(Mandatory)</i>	Annexure 7
5.	Annexure: Blended Learning <i>(Mandatory, in case selected Mode of delivery is "Blended Learning")</i>	NA
6.	Annexure: Multiple Entry-Exit Details <i>(Mandatory, in case qualification has multiple Entry-Exit)</i>	NA
7.	Annexure: Acronym and Glossary <i>(Optional)</i>	Annexure 8
8.	Supporting Document: Model Curriculum <i>(Mandatory – Public view)</i>	Model Curriculum
9.	Supporting Document: Career Progression <i>(Mandatory - Public view)</i>	
10.	Supporting Document: Occupational Map <i>(Mandatory)</i>	
11.	Supporting Document: Assessment SOP <i>(Mandatory)</i>	
12.	Any other document you wish to submit:	

Annexure 1: 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	- Automobile Mechanic is expected to assist in visual inspection - Under mechanic's instruction and perform minor repair. - He has to maintain the work area, tools and instruments and ensure good working condition of required tools and instruments. - The activities identified requires routine and limited range of activities for him as these activities are independent of job and worksite he is deployed on.	- Automobile mechanic understands the working of present-day Electrical Vehicle system and its system and sub-system, Assembly of simple electric vehicle system, to identify components and its function perform electrical wiring connection of electrical vehicle. - Furthermore, to Understand the regulatory requirements for Automobile, to perform Repair and maintenance of Electric Vehicle system.	NSQF Level 3
Professional and Technical Skills/ Expertise/ Professional Knowledge	- Automobile Mechanic is expected to have basic knowledge of the instrumentation, electrical and electronic systems of infrastructure equipment. - Basic Knowledge of visual inspection techniques and methods and techniques to check the tool's calibration Generic knowledge of Common symbols and technique to read the electrical diagram. - EV Technician learns about the basic basics of automotive engineering. Furthermore, electrical vehicle and working of present-day Electrical Vehicle system and its system and sub-system, Assembly of simple electric vehicle system, identify components and its function, electrical wiring connection of electrical vehicle. - Understand the regulatory requirements for Automobile. furthermore, perform Repair and maintenance of Electric Vehicle system.	- Understanding key concepts pertaining to Innovation and Design Thinking - Identify the opportunities in market. Develop analogy to inspiration model. - Multi-disciplinary knowledge to define manufacturing process, defining the manufacturing process flow, post processing, etc.	NSQF Level 3
Employment Readiness & Entrepreneurship Skills & Mind-set/Professional Skill	- Working as a member of a team/ within a team. Display Personal Motivation. Positive Attitude & Passion for Work - Good skills in written and oral communication with some clarity, basic knowledge of Language	- Automobile Mechanic performs visual inspection of electrical / electronic and instrumentation as per the maintenance schedule/ manual and under technician's instructions - The technician conducts the basic repair as per	NSQF Level 3

	to support such communication. • Intermediate literacy and Numeracy skills • Skills for workshop calculations and basic of arithmetic and algebraic principles. • Good logical and analytical reasoning skills.	laid procedure using appropriate tools, He keeps the tools and instruments in working condition Thus, he is practically engaged in the maintenance of instrumentation/ electrical / electronic assemblies and sub-assemblies. • EV Technician learn the professional skills to be able to understand working of present-day Electrical Vehicle system and its system and sub-system, Assembly and Disassembly of simple electric vehicle system, to be able to identify components and its function, to perform electrical wiring connection of electrical vehicle, To Understand the regulatory requirements for Automobile.	
Broad Learning Outcomes/Core Skill	• Automobile Mechanic is expected to conduct the basic visual inspection and report the faults to mechanic and follow mechanic's instructions He has to continuously give and receive instruction and guidance from technician and supervisors in workshop for repair and routine maintenance work hence they are expected to be good in communication skills. • Jobholder is expected to conduct themselves in ways, which show a basic understanding of the social and professional environment of working at workshops and on field visits.	• EV Technician develops the skills and utilize when they work in relevant industry, where it helps to achieve the desired position. Moreover, technical skills for instance • Assembly of simple electric vehicle system, identify components and its function, electrical wiring connection of electrical vehicle etc.	NSQF Level 3
Responsibility	The jobholder is responsible to: • Assist in troubleshooting and diagnosis • Assist in breakdown repair • Assist in routine maintenance • Maintain tools and work area. He has the limited responsibility. for own work and majorly function in close supervision of technician.	• Electrical vehicle maintenance and repair of any failure of battery system need the automobile mechanic in which on can provide suitable solution. • In automotive vehicles sudden breakdown is quite common now days, their automobile mechanic can help with their technical skills which will be taught during the curriculum.	NSQF Level 3

Annexure 2: Tools and Equipment (Lab Set-Up)

List of Tools and Equipment

Batch Size:

S. No.	Tool / Equipment Name	Specification	Quantity for specified Batch size
1.	EV Vehicle	1	1
2.	Electric Vehicle Training Kit	1	1
3.	EV Kit Chassis	1	1
4.	Wheel Rim & Tire	1 Learning Set	1 Learning Set
5.	Battery	12v, Lead Acid, 3.7v Li-ion	10
6.	Motor Controller/ AC Drives	1	1
7.	Solar Charge Controller/ PLC	1	1
8.	Electrical wiring and Accessories	1	1
9.	Insulated Safety tools set	Spanner, Socket Head, Screwdriver Set All Insulated	1
10.	BLDC Motors	250W	2
11.	Arduino Mega Controller	1	1
12.	Battery Charger	Battery Charger (Lead Acid, Li-ion)	1
13.	Test Equipment	Multi meter, Clamp Meter, Megger	1 each

Classroom Aids

The aids required to conduct sessions in the classroom are:

1. Laptop
2. Whiteboard and Markers
3. Projector
4. Screen
5. Stationary

Annexure 3: 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)

Annexure 4: 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

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 5: Blended Learning

Blended Learning Estimated Ratio & Recommended Tools:

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

<https://ncvet.gov.in/sites/default/files/Guidelines%20for%20Blended%20Learning%20for%20Vocational%20Education,%20Training%20&%20Skilling.pdf>

S. No.	Select the Components of the Qualification	List Recommended Tools – for all Selected Components	Offline : Online Ratio
1	☐ Theory/ Lectures - Imparting theoretical and conceptual knowledge		
2	☐ Imparting Soft Skills, Life Skills, and Employability Skills /Mentorship to Learners		
3	☐ Showing Practical Demonstrations to the learners		
4	☐ Imparting Practical Hands-on Skills/ Lab Work/ workshop/ shop floor training		
5	☐ Tutorials/ Assignments/ Drill/ Practice		
6	☐ Proctored Monitoring/ Assessment/ Evaluation/ Examinations		
7	☐ On the Job Training (OJT)/ Project Work Internship/ Apprenticeship Training		

Annexure 6: Detailed Assessment Criteria

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

NOS/Module Name	Assessment Criteria for Performance Criteria/Learning Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
Comply with workshop health and safety guidelines.	PC 1. Comply with safety, health, security and environment related regulations/ guidelines as per organizational/ manufacturer's policy.				
	PC 2. Carry out maintenance operations as per the manufacturers and workshop related health and safety guidelines/ standard operating procedures.				
	PC 3. Follow safety regulations and procedures regarding service workshop hazards and risks.				
	PC 4. Use appropriate protective clothing/ equipment for specific tasks and work conditions as per service manual.				
	PC 5. Record and report details related to operations, incidents, or accidents, as applicable.				
	Total Marks	1	1		1
Assist to identify system and subsystem of Electrical Vehicle.	PC 6. Identify various systems and sub systems of vehicle such as BIW, Chassis, Powertrain, Interiors, climate control, seating system, safety system etc.				
	PC 7. Draw Sketch EV architecture				
	PC 8. Practical on Electric Vehicle setup and Chassis cut section.				
	PC 9. Identify various e power train components and systems.				
	PC 10. To understand wiring colour codes and its gauge requirements.				
	PC 11. Practical on electric vehicle components connect/disconnect and installation procedure.				
	PC 12. Remove and Install battery pack (Perform high voltage disconnect; reconnect Procedure)				
	PC 13. Identify various e power train components and systems.				
	PC 14. Tests diagnose and repair: battery pack heating and cooling system, charging problems, Voltage leaks/loss of isolation.				
	PC 15. Diagnose and repair problems caused by failed harnesses, connectors, terminals, and fuses.				
	Total Marks	1	3		3
Support in selection, testing & replacement of Motors, DC-DC Convertor, Relays and wiring connection in EV.	PC 1. Identify various types of Motors used in EV				
	PC 2. Motor selection and Power Requirement Calculation				
	PC 3. Assembly and Disassembly of Motors and Motor Controller				
	PC 4. Diagnose drive/traction motor-generator assembly for improper operation (such as an inoperative condition, noise, shudder, overheating, etc.)				
	PC 5. Repair of AC / DC Motor				
	Test, diagnose and determine the repair needed: DC/DC converter.				
	PC 6. Practical on Motor Controller. Remove and install rotor from stator and diagnose motor rotor position sensor				
	Total Marks	1	3		3
Assist to charge the EV	PC 1. Calculation of range, power, voltage, charging, time, energy requirement.				

Battery & support to identify the health of EV Battery	• PC 2. Calculate the battery capacity as per provided inputs and range of vehicle.				
	• PC 3. List the types of energy storage for EV				
	• PC 4. Assembly of Battery Pack				
	• PC 5. Practical on battery series/parallel connection.				
	• PC 6. Understanding of battery pack thermal management				
	• PC 7. Understanding battery management system (BMS)				
	• PC 8. Understanding the charging system for EV battery				
	Total Marks	2	3		3
Assist to support to maintain EV regulatory requirements & Safety precautions for working on high voltage system	• PC 1. EV Safety requirements				
	• PC2. List out the regulatory requirements for EV.				
	Total Marks	2	3		3
Assist in Repair and maintenance of Electric Vehicle system	• PC1. Trouble shooting and Repair and Maintenance of EV components and systems.				
	• PC2. Ability to develop Prototype model using 3d printer, laser printer and other tools.				
	• PC3. Understanding electric vehicle wiring system and connect/disconnect with various electric vehicle components				
	• PC4. Identify and rectify thermal management system. (Verify cell and load distribution system.)				
	• PC5. Identify the State of Charge (SOC) & State of Health (SOH).				
	• PC6. Identify and rectify the problems raised in Supporting systems & accessories				
	Total Marks	2	4		4
Assignments (Based on case studies and Industrial application)	• PC1. Assignment on Dismantling and Assembly of small Electric vehicle wiring Harness				
	• PC2. Assignment of various EV components Identification and explanation of it working.				
	• PC3. Assignment on EV Battery Pack Design.				
	• PC4. Assignment on IC Engine conversion to Electric Vehicle				
	Total Marks	4	8		8
Mini Project (Based on Industrial application)	• PC1 Conducting Market survey / Market Research				
	• PC2 Addressing basic problems in society / industry by using empathize tool.				
	• PC3 Concept Design a specific product in line with current customer needs				
	• PC4 Brainstorming sessions with industry experts to design specific product				
	• PC5 3D Printing for Prototyping of Mechanical Component				
	• PC6 Exposure to Product Innovation				
	Total Marks	6	12		12
Employability Skills	• PC1 Understanding the Significance of Employability skills • PC2 Identification the Constitutional values • PC3 Explaining Becoming a professional in the 21st century • PC4 Speak with Others in Basic English skills • PC5 Significance of Career development and goal setting				

	• PC6 Etiquette of Communication skills • PC7 Use Various Financial and legal literacy • PC8 Awareness to Essential Digital Skills				
Total Marks		2	4		4
Grand Total		20	40		40

Annexure 7: 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
 ->

Annexure 8: 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