



## QUALIFICATION FILE

### EV Charging Station Attendant

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:

Broadcast Engineering Consultants India Limited (BECIL)

Ms. Jagriti Singh, Deputy General Manager , Jagriti.singh@becil.com

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## Section 1: Basic Details

1.	<b>Qualification Name</b>	<b>EV Charging Station Attendant</b>	
2.	<b>Sector/s</b>	<b>Power</b>	
3.	<b>Type of Qualification:</b> <input checked="" type="checkbox"/> New <input type="checkbox"/> Revised <input type="checkbox"/> Has Electives/Options <input type="checkbox"/> OEM	<b>NQR Code &amp; version of existing/previous qualification: NA</b> <i>(change to previous, once approved)</i>	<b>Qualification Name of existing/previous version: NA</b>
4.	a. OEM Name b. Qualification Name <i>(Wherever applicable)</i>	<b>NA</b>	
5.	<b>National Qualification Register (NQR) Code &amp;Version</b> <i>(Will be issued after NSQC approval)</i>	<b>QG-03-PW-00569-2023-V1-BECIL</b>	<b>6. NCrF/NSQF Level: 3</b>
7.	<b>Award (Certificate/Diploma/Advance Diploma/ Any Other)</b> <i>(Wherever applicable specify multiple entry/exits also &amp; provide details in annexure)</i>	Certificate	
8.	<b>Brief Description of the Qualification</b>	EV Charging Station Attendant is responsible for effectively maintaining the service station, swapping the customer's discharged battery with charged battery, keeping the record of batteries, charging the electric vehicle in a safe and secure environment, managing the payment and keeping the Charging Station neat and clean condition.	
9.	<b>Eligibility Criteria for Entry for Student/Trainee/Learner/Employee</b>	a. <b>Entry Qualification &amp; Relevant Experience:</b>	

		<table border="1"> <thead> <tr> <th>S. No.</th> <th>Academic/Skill Qualification (with Specialization - if applicable)</th> <th>Required Experience (with Specialization - if applicable)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Grade 10 pass</td> <td>No Experience required</td> </tr> <tr> <td>2</td> <td>Grade 9th pass and pursuing continuous schooling</td> <td>No Experience required</td> </tr> <tr> <td>3</td> <td>8th Grade pass + 2 year NTC/NAC in relevant field</td> <td>No Experience required</td> </tr> <tr> <td>4</td> <td>9th Grade pass</td> <td>1 year relevant experience</td> </tr> <tr> <td>5</td> <td>8th grade pass</td> <td>2 year relevant experience</td> </tr> </tbody> </table>						S. No.	Academic/Skill Qualification (with Specialization - if applicable)	Required Experience (with Specialization - if applicable)	1	Grade 10 pass	No Experience required	2	Grade 9th pass and pursuing continuous schooling	No Experience required	3	8th Grade pass + 2 year NTC/NAC in relevant field	No Experience required	4	9th Grade pass	1 year relevant experience	5	8th grade pass	2 year relevant experience
S. No.	Academic/Skill Qualification (with Specialization - if applicable)	Required Experience (with Specialization - if applicable)																							
1	Grade 10 pass	No Experience required																							
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3	8th Grade pass + 2 year NTC/NAC in relevant field	No Experience required																							
4	9th Grade pass	1 year relevant experience																							
5	8th grade pass	2 year relevant experience																							
10.	<b>Credits Assigned to this Qualification, Subject to Assessment</b> (as per National Credit Framework (NCrF))	13	<b>11. Common Cost Norm Category (I/II/III)</b> (wherever applicable):				I																		
12.	<b>Any Licensing requirements for Undertaking Training on This Qualification</b> (wherever applicable)	No																							
13.	<b>Training Duration by Modes of Training Delivery</b> (Specify <b>Total Duration</b> 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 <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>130</td> <td>200</td> <td>60</td> <td>NA</td> <td>390</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)	130	200	60	NA	390	Online						
Training Delivery Modes	Theory (Hours)	Practical (Hours)	OJT Mandatory (Hours)	OJT Recommended (Hours)	Total (Hours)																				
Classroom (offline)	130	200	60	NA	390																				
Online																									
14.	<b>Aligned to NCO/ISCO Code/s</b> (if no code is available mention the same)	- NCO-2015/3131.0600																							
15.	<b>Progression path after attaining the qualification</b> (Please show Professional and Academic progression)	EV Charging Station Attendant >Assistant Supervisor >Supervisor >Manager																							
16.	<b>Other Indian languages in which the Qualification &amp; Model Curriculum are being submitted</b>	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	Targeted to train women candidates as per training details mentioned in relevant column	
20.	Are Greening/ Environment Sustainability Aspects Covered (Specify the NOS/Module which covers it)	<input checked="" type="checkbox"/> Yes <input 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 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: Ms. Jagriti Singh Email: Jagriti.singh@becil.com Contact No.: 9999676000 Website: https://www.becil.com	
23.	Final Approval Date by NSQC: 23 <sup>rd</sup> June 2023	24. Validity Duration: 3 Years	25. Next Review Date : 22 <sup>nd</sup> June 2026

## 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/NSQF 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.	Cleaning of EV Charger , Battery & operational area	BEC/B002201 V.1	Core	3	2	15	35	10	0	60	30	30	20	20	100	
2.	Performing Battery Swapping activity	BEC/B002202 V.1	Core	3	3	20	50	20	0	90	30	30	20	20	100	
3.	Charging of Electric Vehicle (4W) at charging station	BEC/B002203 V.1	Core	3	3	25	45	20	0	90	40	20	20	20	100	
4.	Maintain Safe and Secure Working Environment	BEC/B002204 V.1	Non - Core	3	2	20	30	10	0	60	43	20	17	20	100	
5.	Maintain Health and Hygiene Habits	BEC/B002205 V.1	Non - Core	3	1	10	20			30	40	24	12	24	100	
6.	Maintain Customer-Centric Service Orientation	BEC/B002206 V.1	Non - Core	3	1	10	20			30	30	24	24	22	100	
7.	Employability Skills	DGT/VSQ/N0102	Non - Core	3	1	30				30	50				50	
<b>Duration (in Hours) / Total Marks</b>					3	13	130	200	60	390	263	148	113	126	650	

## Elective NOS/s:

S. No	NOS/Module Name	NOS/Module Code & Version (if applicable)	Core/ Non-Core	NCrF/NSQF 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/NSQF 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: 60 %** (Every Trainee should score specified minimum aggregate passing percentage at qualification level to successfully clear the assessment.)

## Section 3: Training Related

1.	<b>Trainer's Qualification and experience in the relevant sector (in years) (as per NCVET guidelines)</b>	Graduate with 2 Year relevant experience
2.	<b>Master Trainer's Qualification and experience in the relevant sector (in years) (as per NCVET guidelines)</b>	Graduate with 2 Year relevant experience and 3 years training experience

3.	<b>Tools and Equipment Required for Training</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (If "Yes", details to be provided in Annexure)
4.	<b>In Case of Revised Qualification, Details of Any Upskilling Required for Trainer</b>	NA

## Section 4: Assessment Related

1.	<b>Assessor's Qualification and experience in relevant sector (in years) (as per NCVET guidelines)</b>	Graduate and 2 Year relevant experience
2.	<b>Proctor's Qualification and experience in relevant sector (in years) (as per NCVET guidelines)</b>	Graduate and 2 Year relevant experience
3.	<b>Lead Assessor's/Proctor's Qualification and experience in relevant sector (in years) (as per NCVET guidelines)</b>	Graduate 2 Year relevant experience and 3 years training experience
4.	<b>Assessment Mode (Specify the assessment mode)</b>	<b>Online &amp; Offline both</b>
5.	<b>Tools and Equipment Required for Assessment</b>	<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.	<b>Latest Skill Gap Study (not older than 2 years) (Yes/No):</b> No
2.	<b>Latest Market Research Reports or any other source (not older than 2 years) (Yes/No):</b> No
3.	<b>Government /Industry initiatives/ requirement (Yes/No):</b> No
4.	<b>Number of Industry validation provided:</b> 16
5.	<b>Estimated nos. of persons to be trained and employed:</b> 14000
6.	<b>Evidence of Concurrence/Consultation with Line Ministry/State Departments:</b> If "No", why: Yes

## Section 6: Annexure &amp; Supporting Documents Check List

Specify Annexure Name / Supporting document file name

1.	<b>Annexure:</b> NCrf/NSQF level justification based on NCrf level/NSQF descriptors ( <i>Mandatory</i> )	EV Charging Station Attendant is expected to clean the service station properly, swapping the discharged battery with charged battery, conduct pre-operation checks on Charging Station- EV charger and charging gun, select the appropriate connector for the job, run the equipment as per the job and do basic maintenance. The individuals at the job also need to complete and close financial transaction for the services rendered.  The activities for this Qualification are the familiar and routine activities in nature and can handles all this independently (with minimal or no supervision). Considering the outcomes, the job role is pegged at level 03
2.	<b>Annexure:</b> List of tools and equipment relevant for qualification ( <i>Mandatory, except in case of online course</i> )	Annexure Attached
3.	<b>Annexure:</b> Detailed Assessment Criteria ( <i>Mandatory</i> )	The emphasis is on 'learning-by-doing' and practical demonstration of skills and knowledge based on the performance criteria. The assessment papers are developed by Subject Matter Experts (SME) available with BECIL/the Assessment Agency as per the performance and assessment criteria mentioned in the Qualification Pack. The assessments papers are also checked for the various outcome based parameters such as quality, time taken, precision, tools & equipment requirement etc. The assessment sets are then reviewed by BECIL official for consistency. The assessments are designed so as to assess maximum parts during the practical hands on work. The technical limitations at the training centers are taken care in theory and viva to assess the conceptual understanding; Criteria such as use of selection of fire extinguisher during a fire are also assessed under theory/viva.
4.	<b>Annexure:</b> Assessment Strategy ( <i>Mandatory</i> )	BECIL hire or take freelancer assessors with integrity, reliability and

		<p>fairness. Each assessor shall sign an agreement which they commit themselves to comply with the rules of confidentiality and conflict of interest, independence from commercial and other interests that would compromise impartiality of the assessments. BECIL empanel assessors with requisite industry/sector experience.</p> <p>The assessors selected by BECIL are scrutinized and made to undergo training and introduction to BECIL Assessment Framework, competency based assessments, assessors guide etc.</p> <p>The assessors are provided with assessor's guide developed by the Subject Matter Expert as per the assessment framework. The assessment guides are developed to ensure the maximum possible consistency in the assessment by different assessors and elaborate on the following:</p> <p>Qualification Pack Structure:</p> <ul style="list-style-type: none"><li>▪ Guidance for the assessor to conduct theory, practical and viva assessments</li><li>▪ Guidance for trainees to be given by assessor before the start of the assessments.</li><li>▪ Guidance on assessments process, practical brief with steps of operations practical observation checklist and mark sheet</li><li>▪ Viva guidance for uniformity and consistency across the batch.</li></ul> <p>The assessment by BECIL will be completely based on the assessment criteria as mentioned in the Qualification Pack. Each NOS in the Qualification Pack (QP) will be assigned a relative weightage for assessment based on the criticality of the NOS- unique (functional)/ common NOS for job roles at the same levels. Therein each Performance Criteria in the NOS will be assigned marks for functional importance or practical based on relative importance, criticality of function and training infrastructure.</p>
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		<p>The following tools are proposed to be used for final assessment: Each NOS in the QP will be assigned a relative weightage for assessment based on the functional importance of each. Further each Performance Criteria in the NOS will be assigned marks based on relative functional importance; which is in turn divided into theory and practical assessment. Overall practical constitutes 70% and written 30% of total marks.</p> <p><b>Viva/Structured Interview:</b> This tool will be used to assess select conceptual understandings related to practical handling of equipment and procedures with specific tasks at hand; and behavioral aspects of the job role. It will also include questions on tools &amp; equipment; safety and environment</p> <p><b>Written Test:</b> This tool will be used to assess general conceptual knowledge / Understanding and other aspects of the job role which are either not feasible or difficult to assess practically. The written assessment will comprise of True / False Statements Multiple Choice Questions Matching Type Questions.</p>
5.	<b>Annexure:</b> Blended Learning ( <i>Mandatory, in case selected Mode of delivery is "Blended Learning"</i> )	NA
6.	<b>Annexure:</b> Multiple Entry-Exit Details ( <i>Mandatory, in case qualification has multiple Entry-Exit</i> )	NA

7.	<b>Annexure:</b> Acronym and Glossary ( <i>Optional</i> )	NA
8.	<b>Supporting Document:</b> Model Curriculum ( <i>Mandatory – Public view</i> )	Attached
9.	<b>Supporting Document:</b> Career Progression ( <i>Mandatory - Public view</i> )	Attached
10.	<b>Supporting Document:</b> Occupational Map ( <i>Mandatory</i> )	NA
11.	<b>Supporting Document:</b> Assessment SOP ( <i>Mandatory</i> )	Attached
12.	<b>Any other document you wish to submit:</b>	NA

## 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
<b>Professional Theoretical Knowledge/Process</b>	EV Charging Station Attendant is expected to keep the service station properly cleaned, Exchanging the discharged battery with the charged battery and keeping the record of same. Also conduct pre-operation checks on Charging Station- EV charger and charging gun, select the appropriate connector for the job, run the equipment as per the job	The activities for this Qualification are the familiar and routine activities in nature and can handles all this independently (with minimal or no supervision). Considering the outcomes, the job role is pegged at level 03	3

	<p>and do basic maintenance. The individuals at the job also need to complete and close financial transaction for the services rendered.</p>		
<p><b>Professional and Technical Skills/ Expertise/ Professional Knowledge</b></p>	<p>Attendant is expected to have knowledge of how to keep the Operational area clean and hygienic. Expected to have the knowledge of swapping the battery and the functioning &amp; operation of the EV Charging Stations. Feature/specifications of the various attachment used and knowledge of EV Charger, pre-operation checklist and routine maintenance</p> <p>Also have the knowledge of various payment mode and how these payment mode work to make the payment of the service rendered to customer.</p>	<p>Considering the in-depth professional and factual knowledge, Attendant should be able to keep the record of the battery swapping customers and should know the process of billing and various modes of payment (cash/card/other digital modes) and understanding of usage of various applications on different electronic devices, should know the usage of fire extinguisher and causes of fire safety precautions in case of shot circuit. This QP pegged at Level 3.</p>	<p>3</p>

<p><b>Employment Readiness &amp; Entrepreneurship Skills &amp; Mind-set/Professional Skill</b></p>	<p>Ensure that the Service station is properly cleaned and maintained all the time. Smoking or any other activity should be allowed in the operational area. Ensure that the vehicle is parked in proper queue and at an adequate distance from the electric vehicle (EV) charging station. Ensure charging of the electric vehicle is done as per the standard operating procedure (SOP) of the electric charger provided by the manufacturer. Ensure the payment of the service rendered is done hassle free without any inconvenience to the customer The individual should display polite and courteous behavior</p>	<p>The Individual should understand the latent needs of the customer and maintain a positive and effective relationship with the customer He/ She have capacity to apply professional skills needed to operate equipment with the understanding of principles needed to explore and adapt systems Therefore, the QP is set at level 3</p>	<p>3</p>
<p><b>Broad Learning Outcomes/Core Skill</b></p>	<p>The EV Charging Station Attendant is expected to</p>	<p>Attendant has to continuously give</p>	

	<p>have basic communication skills to fill appropriate forms, keep the record of the batteries swapped, process charts and activity logs, etc. and also understand application of basic arithmetic principles.</p> <p>The individual should be able to read the EV - Charger display for Time required to charge the battery and close financial transaction for the services rendered by using different mode of transaction (cash/card/digital payment etc.)</p>	<p>and receive instruction and guidance from customer on-site and also communicate with 2 wheeler &amp; 3 wheeler owners at Station hence they are expected to be good in communication skills.</p> <p>Job holder is expected to conduct themselves in ways, which show a basic understanding of the social and professional working environment</p>	<p>3</p>
<p><b>Responsibility</b></p>	<p>The individual at charging station is responsible to maintain the cleanliness at the station. Swapping the discharged batteries with charged batteries of 2 wheelers and 3 wheelers. Conducting the initial inspection of the vehicle and selecting the</p>	<p>Job holder is majorly responsible for his own job and self-learning process which justifies the pegging of the QP at level 3 and not directly responsible for learning and work of others (which is a requirement for Level</p>	<p>3</p>

	appropriate type charger/connector in 4 wheeler vehicles, while following standard safety procedures and also complete the financial transaction. Attendant need to ensure charging is done as per the customer demand and payment is received for the same.	4). In his routine activity he require minimum supervision (which is a requirement of level 3).	
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Annexure: Tools and Equipment (Lab Set-Up)

List of Tools and Equipment

**Batch Size: 30**

S. No.	Tool / Equipment Name	Specification	Quantity for specified Batch size
1	Cleaning equipment		2 sets
2	Batteries for Demo purpose		4
3	Dummy EV Charging Station		1
4	Personal protective equipment (such as mask and gloves)		30

Classroom Aids

The aids required to conduct sessions in the classroom are:

1. Computer, printer, projector, white board/ flip chart, marker and duster. Internet, online training platform installed on computer, Communication equipment,
2. EV Charging station, Various cleaning equipment like Wiper, dusters, dusting cloth, cleaning chemicals etc., Batteries for demo purpose, PA system  
Personal protective equipment (such as mask and gloves)  
Fire extinguishers (Class A, B, C,D & K fires: extinguishers may contain water, sand, foam, dry powder, CO2, or wet chemical), first aid box (sterile dressings, plasters, disposable sterile gloves, scissors, anti-septic wipes, thermometer)

Annexure: Industry Validations Summary : **Attached in summary sheet**

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	Bnew Technologies Pvt. Ltd.	Raghuvir Singh	Director	Sonipat	7834887076	raghunick7@gmail.com	
2	Cash Ur Drive Electric Vehicle Pvt Ltd.	Akash Bansal	Manager Client Services	Patparganj Delhi	9654702719	<a href="mailto:Akash@cashurdrive.com">Akash@cashurdrive.com</a>	
3	EFEV Charging solutions Pvt Ltd	Mayank Jain	CEO	Sonipat	7503994554	<a href="mailto:Mayank@efill.co.in">Mayank@efill.co.in</a>	
4	ELCOMPONICS Sales Pvt Ltd	Vishal Tiwari	General Manager	NOIDA	9910090894	<a href="mailto:Solarenergyvkt@gmail.com">Solarenergyvkt@gmail.com</a>	
5	Zivah ElectriVa Pvt Ltd	Sumit Dhanuka	Managing Director	Karolbagh – Delhi	9811715151	Sumit@Zivahgroup.com	
6	EVI Technologies Pvt Ltd.	Vikrant Kumar	Director	Karolbagh – Delhi	9910405350	<a href="mailto:Vikrant@evitpl.com">Vikrant@evitpl.com</a>	
7	Indigo Green	Mradulesh Mishra	CEO	Greater Noida	8287956662	<a href="mailto:indigogreen2020@gmail.com">indigogreen2020@gmail.com</a>	
8	V Tron Automobile India Pvt Ltd	Navneet Pandey	CEO	NOIDA	7710898240	<a href="mailto:info@vtronautomobile.com">info@vtronautomobile.com</a>	
9	Statiq Charging Station	Aman	Owner	Gurugram	8070743743	<a href="mailto:enquiry@statiq.in">enquiry@statiq.in</a>	
10	Charge Zone Charging Station	Sumit Mishra	Owner	Gurugram	7227025948	<a href="mailto:info@chargezone.com">info@chargezone.com</a>	
11	Electric Vehicle Charging Station	Rahul	Owner	Gurugram	9319386955		
12	Yahhvi Enterprises Private Limited	Manas Pathak	Owner	Gurugram	7982313505	Sales@yahhvi.com	
13	Loop Charger	Shivkant	Owner	Gurugram	9319264607	support@loopglobal.com	
14	Spotcharge Charging Station	Raghav	Owner	Gurugram	9311329215	hello@spotcharge.co.in	

15	Plug N Go Charging Station	Rahul	Managing Director	Gurugram	9540288027	info@plug-n-go.com	
16	Alektrify Charging Station	Karan Kumar	Director	Gurugram	9318403437		

## Annexure: Training &amp; 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
2023-24	2,000	2,000	1000	1000		
2024-25	5,000	4,000	1500	1000		
2025-26	7,000	5,000	2000	1500		

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

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: NA

- 1.
- 2.

## Content availability for previous versions of qualifications: NA

Participant Handbook  Facilitator Guide  Digital Content  Qualification Handbook  Any Other:

## Languages in which Content is available: NA

Annexure: 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	<input type="checkbox"/> Theory/ Lectures - Imparting theoretical and conceptual knowledge		
2	<input type="checkbox"/> Imparting Soft Skills, Life Skills, and Employability Skills /Mentorship to Learners		
3	<input type="checkbox"/> Showing Practical Demonstrations to the learners		
4	<input type="checkbox"/> Imparting Practical Hands-on Skills/ Lab Work/ workshop/ shop floor training		
5	<input type="checkbox"/> Tutorials/ Assignments/ Drill/ Practice		
6	<input type="checkbox"/> Proctored Monitoring/ Assessment/ Evaluation/ Examinations		
7	<input type="checkbox"/> On the Job Training (OJT)/ Project Work Internship/ Apprenticeship Training		

## Annexure: 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
	PC1. Choose a clean and proper cloth to sweep the EV chargers and batteries	3	3	2	2

<b>1. BEC/B002201 / Cleaning of Electric Vehicle charger, Batteries and Operational area</b>	PC2. Sweep/ Clean Operational area properly	3	3	2	2
	PC3. Aggregate the Collected garbage/ waste at the designated place.	3	3	2	2
	PC4. Clean the charged batteries with proper dry cloth	3	3	2	2
	PC5. Wipe the EV charger with wet cloth to Remove fine dust from outer side	3	3	2	2
	PC6. Wipe the internet modem with dry cloth and check the connections properly	3	3	2	2
	PC7. Clean the charging gun with cloth	3	3	2	2
	PC8. Clean the electric panel from outside to remove the dust	3	3	2	2
	PC9. Remove the dust from Canopy used to cover the EV chargers at the Station	3	3	2	2
	PC10. Clean the dusting cloths and keep all the cloths at designated place	3	3	2	2
	<b>Total Marks</b>	<b>30</b>	<b>30</b>	<b>20</b>	<b>20</b>
<b>2. BEC/B002202/Performing Battery Swapping activity for 2 &amp; 3 Wheeler) at charging station</b>	PC1. Put the ignition of vehicle off before moving ahead with battery swapping activity	3	3	2	2
	PC2. Wear rubber gloves while performing the swapping task	3	3	2	2
	PC3. Use standard safe working practices when working with electrical equipment	3	3	2	2
	PC4. Remove the attachments from terminal before shifting the battery from the vehicle	3	3	2	2
	PC5. Install charged battery in the vehicle	3	3	2	2
	PC6. Check the charging indicator on battery or vehicle indicator to ensure optimum charging of the battery	3	3	2	2
	PC7. Use various methods of accident prevention in the work environment like use of standard equipment and working practices, follow safety notices and instruction from colleagues and supervisor	3	3	2	2
	PC8 Ask the driver to avoid over speeding and minimum use of breaks to optimize battery life.	3	3	2	2
	PC9. Record the details of Swapped Battery	3	3	2	2
	PC10.Maintain record of Swapping batteries	3	3	2	2
<b>Total Marks</b>	<b>30</b>	<b>30</b>	<b>20</b>	<b>20</b>	
PC1. Ensure attendant guide the customer to the	2	1	1	1	

3. BEC/B002203/Charging of Electric Vehicle (four wheeler) at charging station	designated area and manage Queue				
	PC2. Stay at the designated area and keep the area in clean condition at all times	2	1	1	1
	PC3. Greet the customer	2	1	1	1
	PC4. Ask the customer to park the vehicle in a way where he/she is able to see the dispensing unit display	2	1	1	1
	PC5. Ask the customer to switch off the vehicle and his/her mobile for safety	2	1	1	1
	PC6. Ask the customer to display the Connector type	2	1	1	1
	PC7. Ask the customer to park the vehicle at the designated EV charger according to the connector	2	1	1	1
	PC8. Connect the charging gun to EV connector	2	1	1	1
	PC9. Check the display screen	2	1	1	1
	PC10. Confirm the customer's order	2	1	1	1
	PC11. Confirm the payment options from Customer	2	1	1	1
	PC12. Ask the customer to vacate the vehicle	2	1	1	1
	PC13. keep the charging gun at a safe distance from the vehicle	2	1	1	1
	PC14. Avoid dragging the charging gun to Make it reach the vehicle connector	2	1	1	1
	PC15. Ensure that the charging gun fitted properly into the vehicle connector	2	1	1	1
	PC16. Select the socket in case of dual Charging gun in EV charger	2	1	1	1
	PC17. Keep on checking the charging at Regular internal	2	1	1	1
	PC18. Stop the EV charger and remove the charging gun from connector of the vehicle	2	1	1	1
	PC19. Obtain feedback from the customer for improvement in service	2	1	1	1
	PC20. Thank the customer and request them to visit again	2	1	1	1
	<b>Total Marks</b>	<b>40</b>	<b>20</b>	<b>20</b>	<b>20</b>
4. BEC/B002204/ Maintain Safe and Secure Working Environment	PC1. Use of different types of fire extinguishers CO2 extinguishers for electrical fire and dry extinguishers for other fires	4	2	2	2
	PC2. Check the availability of dry sand in buckets	2	1	1	1
	PC3. Comply with organization's current safety, security and environmental policies and procedures	5	2	1	2
	PC4. Report any identified breaches in safety, security, and environmental policies and procedures to the designated person	5	2	1	2

	PC5. Identify and correct any hazards that can be dealt with safely, competently, and within the limits of individual's authority	5	2	1	2
	PC6. Follow organization's emergency and fire-fighting procedures	4	2	2	2
	PC7. Identify and recommend opportunities for improving safety and security to the designated person	2	1	1	1
	PC8. Stop charging from all EV chargers during an emergency	2	1	1	1
	PC9. Remove the charging gun from all the EV vehicles	2	1	1	1
	PC10. Disconnect the power supply and follow the emergency procedures	2	1	1	1
	PC12. Report to the Service technician immediately	2	1	1	1
	PC13. Push/direct all the vehicles out of the station and ensure that no one comes in	2	1	1	1
	PC14. Inform the concerned authority	2	1	1	1
	PC15. Change or repair the damaged equipment	2	1	1	1
	PC16. Start operation only after the control room's approval	2	1	1	1
	<b>Total Marks</b>	<b>43</b>	<b>20</b>	<b>17</b>	<b>20</b>
<b>5. BEC/B002205/ Maintain Health and Hygiene Habits</b>	PC1. keep the workplace regularly clean and clear of waste or other litter	5	2	1	2
	PC2. Identify poor organizational practices with respect to hygiene and cleaning	5	2	1	2
	PC3. Sanitize hands whenever necessary	3	2	1	2
	PC4. Maintain personal hygiene habits and practices	3	2	1	2
	PC5. Maintain social distance	3	2	1	2
	PC6. Report any personal health issues related to injury and infectious diseases	3	2	1	2
	PC7. Use a tissue, cover the mouth and turn away from people while sneezing or coughing	3	2	1	2
	PC8. Wash/wipe hands after coughing	3	2	1	2
	PC9. Undergo preventive health check-ups at regular intervals	3	2	1	2

	PC10. Take prompt treatment from a registered doctor in case of illness	3	2	1	2
	PC11. Get appropriate precautionary vaccines regularly	3	2	1	2
	PC12. Have a general sense of hygiene and appreciation for cleanliness	3	2	1	2
	<b>Total Marks</b>	<b>40</b>	<b>24</b>	<b>12</b>	<b>24</b>
<b>6. BEC/B002206/ Maintain Customer- Centric Service Orientation</b>	PC1. Greet the customer	4	4	4	4
	PC2. Understand the customer's needs for service quality requirements	4	4	4	4
	PC3. Receive a regular feedback from the customers on current Service, complaints and improvements to be made	4	4	4	4
	PC4. Treat customers fairly and with due respect	4	4	4	4
	PC5. Ensure that customer expectations are met	4	4	4	4
	PC6. Communicate feedback of customers to seniors	5	2	2	1
	PC7. Always adhere to service and safety guidelines	5	2	2	1
	<b>Total Marks</b>	<b>30</b>	<b>24</b>	<b>24</b>	<b>22</b>
<b>6. DGT/N0102/ Employability Skill</b>	PC01: Introduction to Employability Skills	5			
	PC02: Constitutional values - Citizenship	5			
	PC03: Basic English Skills	5			
	PC04: Communication Skill	5			
	PC05: Financial and Legal Literacy	5			
	PC06: Essential Digital Skills	5			
	PC07: Entrepreneurship	5			
	PC08: Customer Service	5			
	PC09: Getting ready for apprenticeship & Jobs	10			
		<b>50</b>			
<b>Grand Total</b>		<b>263</b>	<b>148</b>	<b>113</b>	<b>126</b>

#### 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

## 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
NCVET	National Council for Vocational Education and Training

## Glossary

Term	Description
<b>National Occupational Standards (NOS)</b>	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.
<b>Qualification</b>	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
<b>Qualification File</b>	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.
<b>Sector</b>	A grouping of professional activities on the basis of their main economic function, product, service or technology.
<b>Long Term Training</b>	Long-term skilling means any vocational training program undertaken for a year and above. <a href="https://ncvet.gov.in/sites/default/files/NCVET.pdf">https://ncvet.gov.in/sites/default/files/NCVET.pdf</a>