



QUALIFICATION FILE

Product Assistant (3D Modeling)

☒ 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	Product Assistant (3D Modeling)	
2.	Sector/s	IT-ITeS	
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/ITES/KSDC/05917	Qualification Name of existing/previous version: Product Assistant (3D Modeling)-v1
4.	a. OEM Name b. Qualification Name <i>(Wherever applicable)</i>	Product Assistant (3D Modeling)	
5.	National Qualification Register (NQR) Code &Version <i>(Will be issued after NSQC approval)</i>	QG-03-IT-05917-2025-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 is designed to develop skills to support for new product design or upgrade the existing design. This course provides hands on experience to students in creating engineering drawing, GD&T, preparation of bill of materials, sketching, 3D modeling, modeling of sheet metal components, assembly of components. It provides opportunities for students to work on various industrial case studies and project work. It also provides hands on experience on advanced software on modeling, modification of models, basic 3D printing of components. It provides career opportunities in various industries such as automobile, aerospace, consumer goods, additive manufacturing etc.	
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 <i>(as per National Credit Framework (NCrF))</i>	10	11. Common Cost Norm Category (I/II/III) <i>(wherever applicable):</i>																					
12.	Any Licensing requirements for Undertaking Training on This Qualification <i>(wherever applicable)</i>	NA																						
13.	Training Duration by Modes of Training Delivery <i>(Specify Total Duration as per selected training delivery modes and as per requirement of the qualification)</i>	☒ 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>70</td><td>140</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> <i>(Refer Blended Learning Annexure for details)</i>					Training Delivery Modes	Theory (Hours)	Practical (Hours)	OJT Mandatory (Hours)	OJT Recommended (Hours)	Total (Hours)	Classroom (offline)	70	140	90		300	Online					
Training Delivery Modes	Theory (Hours)	Practical (Hours)	OJT Mandatory (Hours)	OJT Recommended (Hours)	Total (Hours)																			
Classroom (offline)	70	140	90		300																			
Online																								
14.	Aligned to NCO/ISCO Code/s <i>(if no code is available mention the same)</i>	2144.0200 - Designer Machine.																						
15.	Progression path after attaining the qualification <i>(Please show Professional and Academic progression)</i>	- Product Assistant (3D Modeling) → Product Associate (3D Modeling) → Product Lead (3D Modeling), - 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 <i>(Specify the NOS/Module which covers it)</i>	☐ 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 <i>(In case of CS or MS, provide details of both Lead AB & Supporting ABs)</i>	Name: Nagaraja NM, 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	2	3			5	2	4		3	9	9
2.	Understand the product design process to design a new product or to upgrade the existing design.		core	3		5	10			15	2	5		4	11	11
3.	Reading of industrial drawing & inspect the component using measuring instruments.		core	3		3	7			10	3	5		3	11	11
4.	Ability to use Computer Aided Design software to design a component with solid part model, sheet metal part model and assembly models.		core	3	1	10	20			30	3	5		6	14	14
5.	Assist to create industrial design using computer aided design software to create detail drafting drawing and bill of material also assist in Additive manufacturing machines & Software.		core	3	1	10	20			30	2	5		4	11	11
6.	Understand the selection		core	3	1	10	20			30	2	5		4	11	11

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)
	criteria for material, tools and machines for product design to support the manufacturing operations.															
7.	Assignments (Based on case studies and Industrial application)		core	3	2	20	40			60	2	4		5	11	11
8.	Mini Project (Based on Industrial application)		core	3	3			90		90	2	5		7	14	14
9.	Employability Skills		Non Core	3	1	10	20			30	2	2		4	8	8
Duration (in Hours) / Total Marks					10	70	140	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)	Graduate in Engineering with 2-year experience in relevant field and domain certification.
2.	Master Trainer's Qualification and experience in the relevant sector (in years) (as per NCVET guidelines)	Graduate in Engineering with 4-year experience in relevant field and domain certification.
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)	Graduate in Engineering with 4-year experience in relevant field.
2.	Proctor's Qualification and experience in relevant sector (in years) (as per NCVET guidelines)	Graduate 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)	Graduate in Engineering with 6-year experience in industry or training experience.
4.	Assessment Mode (Specify the assessment mode)	
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>	
2.	Annexure: List of tools and equipment relevant for qualification <i>(Mandatory, except in case of online course)</i>	
3.	Annexure: Detailed Assessment Criteria <i>(Mandatory)</i>	
4.	Annexure: Assessment Strategy <i>(Mandatory)</i>	
5.	Annexure: Blended Learning <i>(Mandatory, in case selected Mode of delivery is "Blended Learning")</i>	
6.	Annexure: Multiple Entry-Exit Details <i>(Mandatory, in case qualification has multiple Entry-Exit)</i>	
7.	Annexure: Acronym and Glossary <i>(Optional)</i>	
8.	Supporting Document: Model Curriculum <i>(Mandatory – Public view)</i>	
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	- Product design assistant assist in developing the product design process to design a new product or to upgrade the existing design. - Computer aided design technician able to make the check sheet for industrial drawing requirements by customer or end user. - Design technician creates solid part model, sheet metal part model and assembly models using Computer Aided Design software. - Product design assistant assist in creation of industrial detail drafting drawing and bill of material using computer aided design software. - Design technician assists in providing design inputs for additive manufacturing machines & using slicing software optimize the design model for manufacturing. - Product design assistant assist in inspecting the component using measuring instruments confirming to the quality and accuracy of the product. - Product design technician assist in selection of material, tools and machines for product design to support the manufacturing operations - Maintain the work area, tools and instruments and ensure good working condition of required tools.	- Computer aided design technician, Product design assistant, Junior design technician. - The design assistant is expected to work under minimum supervision, where the range of activities is limited from creating new design data or editing the computer aided design data to providing input to the manufacturing set up and assist in defining machine parameters.	NSQF Level 3
Professional and Technical Skills/ Expertise/ Professional Knowledge	- Product design assistant is expected to have basic knowledge of the product development process, identifying the market needs, - Designing the innovative solution to meet customer requirement. - Creating industrial detailed drawing using computer aided design software by applying GD&T and industrial manufacturing standard.	- The Product design and development assistant is expected to understand the basics of the additive manufacturing process, decide the type of the process for the particular design. - The design assistant is expected to give the recommendation on the material selection. He is also expected to read the engineering drawing with proper GD & T. The person will be proficiency in good knowledge of measuring instruments for the designed product.	NSQF Level 3
Employment Readiness &	Working as a member of a team/ within a team. Display	The jobholder is expected to perform the repetitive	NSQF Level 3

Entrepreneurship Skills & Mind-set/Professional Skill	Personal Motivation. Positive Attitude & Passion for Work • Good skills in written and oral communication with some clarity, basic knowledge of Language 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.	tasks such as identifying design change or new design requirement, preparing design model using computer aided design software, and able to apply and understand GD&T in drawing, • The jobholder needs to develop the product by collaborating with multifunctional teams understanding the job requirements and to trade-ff the design to comply the design requirements.to additive manufacturing operation.	
Broad Learning Outcomes/Core Skill	• Product design assistant is expected to design a product using computer aided software as per the customer or end user requirement. • Computer aided design technician or product design assistant expected to provide assistance to the manufacturing relates design model, machining co-ordinates etc. • Create the industry ready drafting drawing, convert the model for 3D printer, Optimize the Additive manufacturing model using slicing software, Performing the post operation for 3D printed product & ensure the product quality with the help of measuring instruments. • If any support is needed, the operator needs to follow superior's instructions. • 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	• The jobholder is expected to create the design as per the requirement if customer and end user. • Defining the product design procedure through brainstorming session which helps to assist in developing the innovative product. • Also providing supports to manufacturing department by providing inputs to the additive manufacturing operation, laser cutting operation. • The person is also expected to work under supervision while editing the existing design, creating of new design or providing any inputs to the manufacturing drawing apart from creating the design on his /her own.	NSQF Level 3
Responsibility	The jobholder is responsible to: • Assist to converts general customer requirement into technical engineering data. • Assist to provide innovative solution for editing the existing model or creation of new design model. • Assist to create assembly design for verifying clashes and virtual overview of final product. • Assist to create the drafting drawing using industrial standards, GD&T& Manufacturing details. • Maintain the engineering drawing & relevant documents • Assist to providing inputs for additive manufacturing 3D printer machine. • Assist to optimize the design data and reducing cost of the final product using slicing software for 3D printer.	• The CAD Technician is expected work in a close supervision of the senior professional. • The person is expected to consult the senior for critical decisions such as editing the existing design, creating of new design or providing any inputs to the manufacturing, verifying the process parameters on the machine. • He / she is responsible to check the design inputs, maintaining design drawing data and also able inspect the final product using advanced measuring instruments and can suggest improvements if any to his supervisor.	NSQF Level 3

	- Assist to providing design data input for laser cutting machine operation. - Maintain tools and work area He has the limited Responsibility for own work and majorly function in close supervision. In his / her routine activity he / she is responsible for his own work.		
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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	Design Software	--	-
2	3D Printer Plastic	--	2 Nos
3	Computer Latest version compatible for running computer aided design software, preloaded with latest configurations and Internet connection with standard operating system.	--	10 Nos
4	UPS	--	1 No
5	Industrial Workstations	--	10 Nos
6	Safety Kit	--	10 Nos
7	Micrometer 0 – 50 mm outside.	--	10 Nos
8	Vernier caliper 15 cm	--	10 Nos
9	Micrometer Inside up to 20 mm	--	10 Nos

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	2	4		3
Understand the product design process to design a new product or to upgrade the existing design.	PC 1. Create a Benchmarking report with the help of case studies.				
	PC 2. Conduct brainstorming study to generate multiple innovative ideas.				
	PC 3. Develop case study based: Product design process for new product.				
	Total Marks	2	5		4
Reading of industrial drawing & inspect the component using measuring instruments.	PC 1. Convert the drawing from first angle projection method to third angle projection method.				
	PC 2. Create a check list of all industrial drawing data.				
	PC 3. Create a dimension check list of industrial drawing.				
	PC 4. Measure the object and create inspection report of the component by using Measuring instruments (e.g. Vernier caliper & Micrometer, etc.)				
	Total Marks	3	5		3
Ability to use Computer Aided Design software to design a component with solid part model, sheet metal part model and assembly models.	PC 1. Create & Assign Design Software working directory to save data.				
	PC 2. Design sketch model using Sketcher tool in computer aided design software.				
	PC 3. Convert 2-dimensional sketch to 3 dimensional part model using computer aided software.				
	PC 4. Design a Solid Part, Surface part, Sheet Metal part in computer aided design software.				
	PC 5. Assemble the part component and create a product using Computer Aided design software Assembly design tool.				
	PC 6. Prepare engineering drawing & change document.				
	Total Marks	3	5		6
Assist to create industrial design using computer aided design software to create detail drafting drawing and bill of material also assist in Additive manufacturing machines & Software.	PC 1. Create industrial engineering drawing using Drafting tool. (Use of Geometric dimensioning and Tolerance)				
	PC 2. Create an Innovating model design using computer aided design software for rapid prototyping.				
	PC 3. Covert the design file format for additive manufacturing operation. (Slicing software supported format like STL, OBJ, AMF, and 3MF.)				

	- PC 4. Convert the product model to G-Code format using slicing software. - PC 5. Create a Prototype of part model using 3D printing additive manufacturing technology.				
	Total Marks	2	5		4
Understand the selection criteria for material, tools and machines for product design to support the manufacturing operations	- PC 1. Select the material as per application of the product by using standard guidelines. - PC 2. Optimize the product model for material consumption, weight and cost of the product using slicing software. - PC 3. Define the post processing operation - PC 4. Assist to perform the Laser cutter machine operation - PC 5. Upgrade the existing product in terms of cost, mechanical properties like stress, strain, strength of material, etc.				
	Total Marks	2	5		4
Assignments	PC1 Based on case studies and Industrial application				
	Total Marks	2	4		5
Mini Projects (Based on case studies and Industrial application)	- PC 1. Design of Pipe connecting Flange. - PC 2. Design of Knuckle Joint. - PC 3. Computer Aided Design model of Helical Spring. - PC 4. Part Design and assembly of rectangular Box Door Frame - PC 5 Water Bottle Computer Aided Design model design with appropriate Dimensions assumption for one-litter fluid volume. - PC 6. Designing simple sheet metal bracket using sheet metal feature. - PC 7. Computer Aided Design model of office furniture (Table and chair combination) - PC 8. Part Design and Assembly of Belt and Pulley.				
	Total Marks	2	5		7
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	2		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