



QUALIFICATION FILE

Network Cloud – Jr Architect

☒ 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: 4

Submitted By:

**Telecom Sector Skill Council
Estel House, 3rd Floor,
Plot No: - 126, Sector - 44,
Gurugram, Haryana 122003**

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Section 1: Basic Details

1.	Qualification Name	Network Cloud – Jr Architect	
2.	Sector/s	Telecom	
3.	Type of Qualification: ☐ New ☒ Revised ☐ Has Electives/Options ☐ OEM	NQR Code & version of existing/previous qualification: QG-04-TL-00468-2023-V1.1-TSSC	Qualification Name of existing/previous version: Cloud Computing – Jr. Analyst
4.	a. OEM Name b. Qualification Name (Wherever applicable)		
5.	National Qualification Register (NQR) Code & Version (Will be issued after NSQC approval)	QG-04-TL-00468- 2025-V2 -TSSC & v3.0	6. NCrF/NSQF Level: 4
7.	Award (Certificate/Diploma/Advance Diploma/ Any Other (Wherever applicable specify multiple entry/exits also & provide details in annexure)	Certificate	
8.	Brief Description of the Qualification	A Network Cloud Junior Architect looks into preparing and executing cloud-based application testing in telecom networks, especially within Software-Defined WAN (SD-WAN) environments. Responsibilities include setting up and maintaining cloud infrastructure using platforms like AWS, Azure, and GCP, configuring testing tools and environments, and ensuring compliance with security and data protection standards. The individual monitors performance, identifies and fixes defects, manages IT and network assets, and maintains inventory using open-source tools. They also coordinate with DevOps teams, optimize resource usage, and ensure documentation and reporting for telecom-grade cloud systems.	
9.	Eligibility Criteria for Entry for Student/Trainee/Learner/Employee	a. Entry Qualification & Relevant Experience: <i>*Diploma in Electronics and Telecommunication, IT, CS, Cloud computing, Networking and System Administration or any other related fields of Computer Applications, or Technology.</i>	

		** Relevant experience in cloud service provisioning, basic server or virtual machine setup, network configuration in cloud environments, system monitoring, or supporting cloud-based infrastructure in enterprise or IT support environments. <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>12th grade pass</td> <td>No Experience required</td> </tr> <tr> <td>2.</td> <td>Completed 2nd year of 3-year diploma* (after 10th)</td> <td>No Experience required</td> </tr> <tr> <td>3.</td> <td>Previous relevant Qualification of NSQF Level 3.5</td> <td>1.5-year relevant experience**</td> </tr> <tr> <td>4.</td> <td>Previous relevant Qualification of NSQF Level 3.0</td> <td>3-year relevant experience**</td> </tr> </tbody> </table> b. Age: NA						S. No.	Academic/Skill Qualification (with Specialization - if applicable)	Required Experience (with Specialization - if applicable)	1.	12th grade pass	No Experience required	2.	Completed 2nd year of 3-year diploma* (after 10th)	No Experience required	3.	Previous relevant Qualification of NSQF Level 3.5	1.5-year relevant experience**	4.	Previous relevant Qualification of NSQF Level 3.0	3-year relevant experience**		
S. No.	Academic/Skill Qualification (with Specialization - if applicable)	Required Experience (with Specialization - if applicable)																						
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2.	Completed 2nd year of 3-year diploma* (after 10th)	No Experience required																						
3.	Previous relevant Qualification of NSQF Level 3.5	1.5-year relevant experience**																						
4.	Previous relevant Qualification of NSQF Level 3.0	3-year relevant experience**																						
10.	Credits Assigned to this Qualification, Subject to Assessment (as per National Credit Framework (NCrF))	16	11. Common Cost Norm Category (I/II/III) (wherever applicable): I																					
12.	Any Licensing requirements for Undertaking Training on This Qualification (wherever applicable)																							
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>150:00</td> <td>180:00</td> <td>150:00</td> <td>-</td> <td>480:00</td> </tr> <tr> <td>Online</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>					Training Delivery Modes	Theory (Hours)	Practical (Hours)	OJT Mandatory (Hours)	OJT Recommended (Hours)	Total (Hours)	Classroom (offline)	150:00	180:00	150:00	-	480:00	Online	-	-	-	-	-
Training Delivery Modes	Theory (Hours)	Practical (Hours)	OJT Mandatory (Hours)	OJT Recommended (Hours)	Total (Hours)																			
Classroom (offline)	150:00	180:00	150:00	-	480:00																			
Online	-	-	-	-	-																			

		(Refer Blended Learning Annexure for details)
14.	Aligned to NCO/ISCO Code/s (if no code is available mention the same)	NCO-2015/1330.6215
15.	Progression path after attaining the qualification (Please show Professional and Academic progression)	Vertical Progression Machine Learning (ML) Telecom Architect- Level 5
16.	Other Indian languages in which the Qualification & Model Curriculum are being submitted	Hindi
17.	Is similar Qualification(s) available on NQR-if yes, justification for this qualification	☐ 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	Yes, women's engagement must be encouraged in order to advance gender equality and guarantee that they have equal opportunity in all spheres of society. In addition to training and development programs, it's critical to offer networking, mentoring, and knowledge. Women might be inspired and encouraged to seek jobs in this industry by flexible work arrangements and the promotion of successful women in this role. By implementing policies and procedures that promote work-life balance, equal compensation and advancement opportunities, and a polite and safe work environment, organizations may foster a culture of inclusion and diversity that will make women feel appreciated and accepted in these positions.
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: Praveen Sirohi Email: https://www.tsscindia.com/ Contact No.: +91-90740 18901 Website: tssc@tsscindia.com

23.	Final Approval Date by NSQC: 19-08-2025	24. Validity Duration: 3 years	25. Next Review Date: 30-06-2028
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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.	Prepare for Cloud-Based Software or Application Testing in Telecom Networks	TEL/N6279 & V3.0	Core	4	3	20:00	30:00	40:00	-	90:00	30	60	-	10	100	15
2.	Carry out cloud testing and fix the identified bugs and defects	TEL/N6612 & V3.0	Core	4	4	30:00	50:00	40:00	-	120:00	30	60	-	10	100	15
3.	Maintain Telecom Cloud Infrastructure Components	TEL/N6613 & V3.0	Core	4	3	30:00	40:00	20:00	-	90:00	30	60	-	10	100	15
4.	Manage Telecom IT Infrastructure and Network Assets	TEL/N6614 & V3.0	Core	4	3	20:00	40:00	30:00	-	90:00	30	60	-	10	100	15

<On-File Approved and dated 19-08-2025>

QUALIFICATION FILE-< Network Cloud – Jr Architect >

<NQR Code - QG-04-TL-00468-2025-V2-TSSC>

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)
5.	Organise Work and Resources as per Health and Safety Standards	TEL/N9101 & V3.0	Core	4	1	10:00	10:00	10:00	-	30:00	30	60	-	10	100	15
6.	Interact Effectively with Team Members and Customers	TEL/N9102 & V3.0	Core	4	1	10:00	10:00	10:00	-	30:00	40	50	-	10	100	15
7.	Employability Skills (30 Hours)	DGT/VSQ/N 0101 & V1.0	Non-Core	4	1	30:00	-	-	-	30:00	20	30	-	-	50	10
Duration (in Hours) / Total Marks					16	150:00	180:00	150:00	-	480:00	210	380	-	60	650	100

Elective NOS/s: Not Applicable

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: Not Applicable

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)	Diploma after 12th in CS / IT / ECE / Telecom / Cloud Computing / Data Science / AI and other related fields with 3 years of relevant Industry experience in Cloud computing / Programming and 1 year of training experience in IT infrastructure or cloud-related domains OR Graduate in CS / IT / ECE / Telecom / Cloud Computing / Data Science / AI and other related fields with 1 year of Industry experience in Cloud computing / Programming
2.	Master Trainer's Qualification and experience in the relevant sector (in years) (as per NCVET guidelines)	Diploma after 12 th in Computer Science/Electronics/Telecom /IT and other related with 6 years of relevant Industry experience in Cloud computing / Programming and 4 years of training experience in IT infrastructure or cloud-related domains OR Graduate in CS / IT / ECE / Telecom / Cloud Computing / Data Science / AI and other related fields with 4 years of Industry experience in Cloud computing / Programming

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	NA

Section 4: Assessment Related

1.	Assessor’s Qualification and experience in relevant sector (in years) (as per NCVET guidelines)	Diploma after 12th in CS / IT / ECE / Telecom / Cloud Computing / Data Science / AI and other related fields with 3 years of relevant Industry experience in Cloud computing / Programming and 1 year of training experience in IT infrastructure or cloud-related domains OR Graduate in CS / IT / ECE / Telecom / Cloud Computing / Data Science / AI and other related fields with 1 year of Industry experience in Cloud computing / Programming
2.	Proctor’s Qualification and experience in relevant sector (in years) (as per NCVET guidelines)	Diploma after 12th in CS / IT / ECE / Telecom / Cloud Computing / Data Science / AI and other related fields with 3 years of relevant Industry experience in Cloud computing / Programming and 1 year of training experience in IT infrastructure or cloud-related domains OR Graduate in CS / IT / ECE / Telecom / Cloud Computing / Data Science / AI and other related fields with 1 year of Industry experience in Cloud computing / Programming
3.	Lead Assessor’s/Proctor’s Qualification and experience in relevant sector (in years) (as per NCVET guidelines)	Diploma after 12 th in Computer Science/Electronics/Telecom /IT and other related with 6 years of relevant Industry experience in Cloud computing / Programming and 4 years of training experience in IT infrastructure or cloud-related domains OR Graduate in CS / IT / ECE / Telecom / Cloud Computing / Data Science / AI and other related fields with 4 years of Industry experience in Cloud computing / Programming
4.	Assessment Mode (Specify the assessment mode)	Can be either in the classroom or online
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
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2.	Latest Market Research Reports or any other source (not older than 2 years) (Yes/No):	Yes
3.	Government /Industry initiatives/ requirement (Yes/No):	No
4.	Number of Industry validation provided:	5
5.	Estimated nos. of persons to be trained and employed:	1000
6.	Evidence of Concurrence/Consultation with Line Ministry/State Departments: If “No”, why:	Yes

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>	Present
2.	Annexure: List of tools and equipment relevant for qualification <i>(Mandatory, except in case of online course)</i>	Present
3.	Annexure: Detailed Assessment Criteria <i>(Mandatory)</i>	Present
4.	Annexure: Assessment Strategy <i>(Mandatory)</i>	Present
5.	Annexure: Blended Learning <i>(Mandatory, in case selected Mode of delivery is “Blended Learning”)</i>	Present
6.	Annexure: Multiple Entry-Exit Details <i>(Mandatory, in case qualification has multiple Entry-Exit)</i>	Present
7.	Annexure: Acronym and Glossary <i>(Optional)</i>	Present
8.	Supporting Document: Model Curriculum <i>(Mandatory – Public view)</i>	Present
9.	Supporting Document: Career Progression <i>(Mandatory - Public view)</i>	Present
10.	Supporting Document: Occupational Map <i>(Mandatory)</i>	Present

11.	Supporting Document: Assessment SOP (<i>Mandatory</i>)	Present
12.	Any other document you wish to submit:	Present

NSQC Approved

Annexure: Evidence of Level

NCrF/NSQF Level Descriptors	Key requirements of the job role/ outcome of the qualification	How the job role/ outcomes relate to the NCrF/NSQF level descriptor	NCrF/NSQF Level
Professional Theoretical Knowledge/Process	The Cloud Computing - Jr. Analyst must have a sound theoretical understanding of cloud computing concepts including service models (IaaS, PaaS, SaaS), deployment models (public, private, hybrid), and virtualization principles. They should know the architecture of common cloud platforms such as AWS, Azure, and Google Cloud, and understand the implications of different testing environments. Knowledge of information security, data encryption, access control, and data compliance standards such as GDPR is essential. The individual should also understand CI/CD pipelines, test planning, infrastructure configuration, and the fundamentals of system monitoring, which are used to maintain secure and effective cloud-based services.	The job role demonstrates the application of theoretical knowledge to execute structured but specialized tasks within a cloud computing environment. The Cloud Computing - Jr. Analyst understands abstract cloud principles and applies them to real-world deployment and testing scenarios, such as provisioning VMs or configuring networks. This aligns with NSQF Level 4, which expects individuals to possess specialized theoretical knowledge and the ability to apply it in both familiar and occasionally non-routine contexts. The individual uses established principles to perform role-specific processes, such as infrastructure configuration or test planning, with accuracy and clarity, fulfilling the descriptor's emphasis on process understanding and application.	4
Professional and Technical Skills/ Expertise/ Professional Knowledge	The Cloud Computing - Jr. Analyst must possess strong hands-on skills in provisioning and configuring virtual machines, containers, cloud storage, databases, and network components across various cloud platforms. They must be able to use and integrate testing tools (e.g., JMeter, Selenium) into CI/CD pipelines and automate cloud testing procedures. Practical knowledge in resource monitoring using tools such as CloudWatch or Grafana is important.	This role requires the ability to apply well-defined technical skills with precision, as expected at NSQF Level 4. The Cloud Computing - Jr. Analyst independently performs cloud testing, provisioning, bug fixing, and optimization using standardized procedures and digital tools. The nature of tasks—such as integrating automation scripts or configuring access controls—requires clarity of professional and technical knowledge, even though	4

	The role also requires skill in identifying, logging, and resolving defects during cloud testing and performance tuning. The analyst must be capable of handling troubleshooting steps, interpreting logs, validating connectivity, and ensuring service availability across test environments.	the complexity remains manageable. The individual demonstrates judgment in selecting tools and procedures, and executes tasks with efficiency and reliability. This is consistent with the NSQF descriptor, which expects the application of professional skills in performing technical tasks and achieving measurable outcomes independently.	
Employment Readiness & Entrepreneurship Skills & Mind-set/Professional Skill	The job role demands a readiness to work in dynamic, digital-first environments. The Cloud Computing - Jr. Analyst must demonstrate good communication skills, collaboration with cross-functional teams, and the ability to follow professional conduct when interacting with customers or supervisors. They are expected to manage time effectively, document work digitally, and adhere to service-level commitments. A proactive attitude, willingness to learn, and ability to work independently while taking ownership of assigned tasks are essential. While entrepreneurship is not the core expectation, basic self-management, initiative-taking, and customer-centric behavior support employability and create potential for future upskilling or freelance opportunities in cloud-related roles.	NSQF Level 4 emphasizes the need for professional readiness, including digital, communication, and organizational skills to function efficiently at the workplace. The Cloud Computing - Jr. Analyst role aligns with this expectation as it requires the individual to handle tasks such as digital reporting, incident logging, and engaging with stakeholders in a clear and professional manner. The job also necessitates time management and structured execution of responsibilities. These skills support employability and reflect a work ethic suitable for roles involving individual accountability. While not entrepreneurial in focus, the mindset supports growth and adaptability, reflecting Level 4 descriptors on employment readiness and soft skill maturity.	4
Broad Learning Outcomes/Core Skill	The Cloud Computing - Jr. Analyst must be able to read and comprehend cloud architecture diagrams, deployment instructions, system documentation, and user stories. They are expected to write clear and structured reports, test logs, and update digital records related to testing and infrastructure. Strong foundational numeracy is necessary for interpreting resource usage data, configuring IP ranges, and managing billing estimates. The role also requires familiarity with using digital productivity tools, cloud dashboards, monitoring platforms,	At NSQF Level 4, the individual is expected to possess well-developed core skills including literacy, numeracy, digital competency, and communication skills applied in work contexts. The Cloud Computing - Jr. Analyst performs tasks that require these abilities regularly—whether writing defect logs, interpreting system metrics, or using monitoring dashboards. These skills are not merely functional but must be applied precisely to maintain service quality and ensure error-free	4

	and ticketing systems. Communication skills, both oral and written, are essential to collaborate effectively with technical teams and ensure that documentation and issue reporting are accurate and timely.	documentation. The analyst uses reasoning and judgment in analyzing technical documents and preparing reports. This aligns with Level 4 expectations for applying learning outcomes to both familiar and evolving tasks within the digital service and technology domain.	
Responsibility	The Cloud Computing - Jr. Analyst is individually responsible for setting up test environments, identifying and resolving bugs, configuring cloud resources, and maintaining testing documentation. They must ensure that all allocated work is completed within timelines and adheres to service and quality standards. While the role does not involve team management, it requires coordination with developers, DevOps, and QA teams to align infrastructure and deployment requirements. The Cloud Computing - Jr. Analyst is expected to take ownership of assigned modules or tasks, escalate issues where necessary, and ensure secure, compliant cloud testing practices. Responsibility for documentation and adherence to workflow processes is also integral to this role.	According to NSQF Level 4, the individual is responsible for their own work, including quality and delivery, and may coordinate with others for collective outcomes. The Cloud Computing - Jr. Analyst fulfills this criterion by being accountable for cloud testing tasks, documentation, and test infrastructure. Although working within a team, they operate with minimal supervision and are expected to manage their own outputs. Responsibility in this context means ensuring cloud services are tested securely, efficiently, and in accordance with defined procedures. The role reflects the expected ownership, problem-solving, and execution responsibilities aligned with Level 4, where individuals perform tasks independently and contribute to team goals.	4

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.	Cloud Platform Access (Free tier)	Provides hands-on access to cloud services for testing deployments, building environments, and learning cloud services.	1 license
2.	Test Management Tools (e.g. TestRail, JIRA)	Used for managing test cases, logging results, tracking defects, and mapping to requirements for traceability.	1 license
3.	Cloud Testing Tools (e.g. Apache Jmeter Postman)	Used for load testing APIs (JMeter) and functional testing of APIs (Postman); vital for ensuring app performance under load.	1 license
4.	Code Editor (e.g. Visual Studio Code, Postman, Selenium)	VS Code for coding/debugging scripts; Postman for API automation; Selenium for web UI testing automation.	1 license
5.	Bug Tracking Software (e.g. Bugzilla Jira)	Tracks and manages software bugs and issues; essential for communication between testing and development teams.	1 license
6.	Cloud Platform Access (e.g. AWS Free Tier, Azure Free Tier)	Enables infrastructure deployment, IAM configuration, VMs, serverless applications, and security controls on cloud.	1 license
7.	Cloud Management Tools (e.g. Terraform, CloudFormation)	Automates cloud resource provisioning, enforces configurations, and enhances reproducibility and version control.	1 license
8.	Virtualization Software (e.g. VirtualBox, VMware Workstation)	Creates isolated test environments; used for testing malware, running labs, and practicing incident response scenarios.	1 license
9.	Monitoring Tools (e.g. Zabbix, Nagios)	Real-time monitoring of servers, networks, and apps for availability, performance, and security alerts.	1 license
10.	Network Analyzer (e.g. Wireshark)	Deep packet analysis for investigating network anomalies,	1 license

		intrusion detection, and troubleshooting communication issues.	
11.	Remote Desktop Tools (e.g. TeamViewer, AnyDesk)	Enables remote troubleshooting, software installation, and emergency access to isolated systems for analysis.	1 license
12.	Health and Safety Management Software (e.g. SafetyCulture, iAuditor)	Digitizes inspections, checklists, and audits to ensure workplace safety and regulatory compliance.	1 license
13.	Ergonomic Desk and Chair	Promotes comfort and reduces repetitive strain injury risks, increasing workplace productivity.	5 sets
14.	Fire Extinguisher	Essential for fire incident preparedness and response; must be accessible and employees trained in usage.	1
15.	Safety Signage (e.g. emergency exit, safety instructions)	Provides visual safety instructions to ensure orderly evacuation and compliance with safety regulations.	1 chart
16.	Spill Kits	Used to contain and clean chemical or hazardous liquid spills to prevent contamination and injuries.	2 kits
17.	Organizational Tools (e.g. shelving units, document storage)	Enhances workspace organization and efficiency; supports quick access to documentation and tools.	1 each
18.	Time Management Software (e.g. Trello, Microsoft Teams)	Helps prioritize, track, and manage workloads, deadlines, and collaboration across teams.	1 license
19.	Task Scheduling Tools (e.g. Google Calendar, Asana).	Schedules recurring tasks, tracks dependencies, and ensures time-blocking for efficient task execution.	1

Classroom Aids

The aids required to conduct sessions in the classroom are:

1. Laptops
2. Whiteboards and markers
3. Projector
4. Screen

5. Chart paper
6. AV equipment
7. Stationery
8. Telephone connection

Annexure: Industry Validations Summary

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

S. No	Organization Name	Representative Name	Designation	Contact Address	Contact Phone No	E-mail ID	LinkedIn Profile (if available)
1	Altruist Technologies Private Limited	Mr Manik Roy	-	Plot No.2, Sector-22, HSIIDC IT Park, Panchkula, Haryana-134109	0172-2970008	careers@altruistindia.com	-
2	Virtusa Consulting Services Private Limited	Mr. Sundararajan Narayanan	Chief People Officer & Global Head of Human Resource	Sy No. 115/Part, Plot No. 10, TSIC Limited, SEZ, Nanakramguda Village, Serilingampalli Mandal, Ranga Reddy District, Hyderabad – 500 032	+91 404 452 8000 +91 402 341 2310	-	-
3	Esquare India Pvt. Ltd.	MD ALI	Director Operation India & Asia Pacific	Park Landing 5AC-709, 2nd Floor, 2nd Block, HRBR Layout Extension, Outer Ring Rd, Bengaluru, Karnataka - 560043.	+ 91 - 8660834187	sales@esquareinfo.com	-
4	Capital Numbers Infotech	Mrs. Paromita Biswas Panja	HR	Mani Casadona, Unit No 8E4, Action Area #2 F, New Town, Kolkata 700156, West Bengal, India	033 6799 2222	info@capitalnumbers.com	-
5	ESM Square Technologies Pvt.Ltd.	Mr Rakshid Gaud	-	334, 27th Main Rd, 2nd Sector, Sector 2, HSR Layout, Bengaluru,	080 3521 6856	hr@esquaredhr.com	-

				Karnataka 560102			
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Annexure: Training & Employment Details

Training and Employment Projections:

Year	Total Candidates		Women		People with Disability	
	Estimated Training #	Estimated Employment Opportunities	Estimated Training #	Estimated Employment Opportunities	Estimated Training #	Estimated Employment Opportunities

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
	2025	1777											
	2026	2487											
	2027	3482											

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:

Languages in which Content is available:

Annexure: Blended Learning

Blended Learning Estimated Ratio & Recommended Tools:

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

<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	LCD, Projector, Laptop, MSOffice Suite, Flipchart, whiteboard, Markers, Wi-Fi connectivity	
2	☐ Imparting Soft Skills, Life Skills, and Employability Skills /Mentorship to Learners	LCD, Projector, Laptop, MSOffice Suite, various tools and software, computer camera, computer speakers, Wi-Fi connectivity	
3	☐ Showing Practical Demonstrations to the learners	LCD, Projector, Laptop, MSOffice Suite, various tools and software, computer camera, computer speakers, Wi-Fi connectivity	
4	☐ Imparting Practical Hands-on Skills/ Lab Work/ workshop/ shop floor training	Computer systems for all students, printers, Wi-Fi connectivity	
5	☐ Tutorials/ Assignments/ Drill/ Practice	Learning management system	
6	☐ Proctored Monitoring/ Assessment/ Evaluation/ Examinations	Online assessment portals, tablet for each student	
7	☐ On the Job Training (OJT)/ Project Work Internship/ Apprenticeship Training	Access to industry partner in relevant field	

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
TEL/N6279: Prepare for Cloud-Based Software or Application Testing in Telecom Networks	<i>Requirement Understanding and Planning</i>	10	15	-	2
	PC1. interpret telecom software or application testing requirements and select appropriate cloud platforms and test environments in coordination with development and operations teams.	3	4	-	1
	PC2. configure cloud-native testing tools and validate connectivity with virtualized infrastructure and telecom-grade services such as OSS/BSS and SD-WAN platforms.	2	4	-	1
	PC3. consult with developers and DevOps teams to clarify application architecture and deployment parameters relevant to cloud testing.	3	3	-	-
	PC4. determine suitable cloud testing models (IaaS, PaaS, SaaS) based on application type and objectives.	2	4	-	-
	<i>Environment Setup and Configuration</i>	9	17	-	4
	PC5. select and provision appropriate cloud platforms (e.g., AWS, Azure, GCP) for test execution, ensuring they meet the test coverage and budget requirements.	2	4	-	1
	PC6. configure the testing environment including OS, middleware, databases, and application dependencies based on defined specifications.	3	5	-	1
	PC7. install and configure required test automation tools (e.g., Katalon Studio, Rest Assured, Telerik Test Studio) and integrate them with CI/CD pipelines.	2	5	-	1

	PC8. validate network connectivity, data synchronization, and service availability between test environment and production-like systems.	2	3	-	1
	<i>Security and Compliance</i>	4	8	-	2
	PC9. implement access control policies, encryption, and data privacy configurations for test environments as per organizational and regulatory standards.	2	4	-	1
	PC10. ensure testing data complies with data protection guidelines and anonymize sensitive information before test execution.	2	4	-	1
	<i>Testing Preparation and Documentation</i>	5	13	-	1
	PC11. design cloud-specific test cases and scripts addressing functionality, load, stress, and scalability scenarios.	2	5	-	-
	PC12. verify environment readiness by executing smoke or sanity tests and fixing issues identified during test dry runs.	2	4	-	1
	PC13. document cloud test setup, tool configurations, scripts, and user access for traceability and knowledge sharing.	1	4	-	-
	<i>Coordination and Communication</i>	2	7	-	1
	PC14. coordinate with cross-functional teams to align test environment configurations and schedules with development milestones.	1	4	-	-
	PC15. communicate environment readiness, constraints, and requirements clearly to project stakeholders and update them on progress.	1	3	-	1
	NOS Total	30	60	-	10
TEL/N6612: Perform Cloud Testing and Resolve Bugs in Telecom Applications	<i>Requirement Understanding and Planning</i>	5	11	-	3
	PC1. interpret telecom software or application testing requirements and select appropriate cloud platforms and test environments in	1	3	-	1

	coordination with development and operations teams.				
PC2.	configure cloud-native testing tools and validate connectivity with virtualized infrastructure and telecom-grade services such as OSS/BSS and SD-WAN platforms.	1	3	-	1
PC3.	work with development and DevOps teams to clarify system architecture and identify potential cloud deployment challenges.	1	3	-	-
PC4.	define the suitable testing approach and methodology based on the cloud service model (IaaS, PaaS, SaaS).	2	2	-	1
<i>Cloud Environment Setup and Configuration</i>		7	15	-	2
PC5.	provision and configure the cloud platforms (e.g., AWS, Azure, Google Cloud) necessary for testing, ensuring resource availability and test coverage.	2	4	-	-
PC6.	configure essential system components (e.g., OS, middleware, databases, application dependencies) based on defined specifications.	2	4	-	1
PC7.	set up and integrate test automation tools such as Selenium, JMeter, and Postman into the CI/CD pipelines.	2	4	-	1
PC8.	validate network connectivity and synchronization of data between the cloud testing environment and production-like systems.	1	3	-	-
<i>Security and Compliance</i>		3	5	-	1
PC9.	implement security measures such as access control, data encryption, and compliance with data privacy regulations in the cloud testing environment.	2	3	-	-
PC10.	ensure that testing data is anonymized and complies with organizational and legal standards regarding data protection.	1	2	-	1

	<i>Cloud Testing Execution and Bug Identification</i>	5	11	-	1
	PC11. design test cases that address critical functional, performance, scalability, and security scenarios tailored to cloud environments.	1	3	-	-
	PC12. execute smoke tests or sanity checks to validate environment readiness before comprehensive testing.	1	3	-	-
	PC13. execute automated and manual test cases in the cloud environment to validate performance and functionality of telecom applications like VoLTE and 5G network functions.	1	3	-	1
	PC14. identify, log, and coordinate resolution of bugs or issues, ensuring seamless integration of continuous testing in telecom DevOps workflows.	2	2	-	-
	<i>Bug Fixing and Defect Resolution</i>	4	9	-	1
	PC15. work with developers and DevOps teams to resolve identified defects and bugs quickly while ensuring code integrity.	1	2	-	1
	PC16. verify fixes by conducting re-testing to confirm defect resolution without introducing new issues.	1	3	-	-
	PC17. perform regression testing to ensure that the application remains stable after bug fixes.	2	4	-	-
	<i>Post-testing Validation and Reporting</i>	6	9	-	2
	PC18. validate that cloud-based applications meet performance benchmarks and function correctly after the defect fixes are applied.	2	3	-	1
	PC19. prepare detailed test reports including testing outcomes, bug fixes, and lessons learned, ensuring that results are communicated clearly to stakeholders.	2	4	-	-

	PC20. provide feedback and recommendations for improving the cloud application's architecture and testing processes.	2	2	-	1
	NOS Total	30	60	-	10
TEL/N6613: Maintain Cloud Infrastructure Components Supporting Telecom Services	<i>Cloud infrastructure setup and configuration</i>	7	14	-	3
	PC1. select and provision cloud resources (virtual machines, storage, databases) using free cloud services available in India (e.g., AWS Free Tier, Google Cloud Free Tier, Azure Free Account).	2	3	-	1
	PC2. configure network components such as VPCs, subnets, and firewalls using free cloud tools and resources.	1	4	-	-
	PC3. set up cloud databases (e.g., MySQL, PostgreSQL) and storage services (e.g., AWS S3, Google Cloud Storage) for optimal application performance.	2	4	-	1
	PC4. ensure the installation and configuration of necessary tools such as Kubernetes for container orchestration using free open-source tools.	2	3	-	1
	<i>Monitoring cloud infrastructure</i>	6	12	-	1
	PC5. implement cloud monitoring using free services like Prometheus (for metrics collection) and Grafana (for visualization).	2	4	-	-
	PC6. monitor and maintain cloud-based virtual machines, containers, and orchestration systems supporting telecom workloads, ensuring high availability and performance.	2	4	-	-
	PC7. perform routine updates, patches, and resource optimization to sustain services such as OSS/BSS, virtualized core network elements, and telco-grade applications.	2	4	-	1
	<i>Optimizing cloud resources</i>	5	12	-	2

PC8. implement cost management strategies by monitoring and optimizing the utilization of cloud resources using AWS Cost Explorer (Free Tier) or Google Cloud Pricing Calculator.	2	4	-	-
PC9. perform regular resource optimization by analyzing underutilized resources and scaling cloud services up or down as necessary to ensure cost-efficiency.	2	4	-	1
PC10. use Terraform (open-source) to automate infrastructure provisioning, scaling, and maintenance tasks to improve efficiency and reduce manual intervention.	1	4	-	1
<i>Ensuring security and compliance in cloud infrastructure</i>	6	12	-	2
PC11. implement basic security controls, such as encryption, firewall configurations, and access management using aws iam or google cloud iam.	2	4	-	1
PC12. ensure compliance with data protection standards by implementing data encryption and anonymization in cloud storage using free tools.	2	4	-	-
PC13. use free vulnerability scanning tools, such as OpenVAS (open-source) or Nessus Essentials (free version), to identify security issues within the infrastructure.	2	4	-	1
<i>Documentation and reporting</i>	6	10	-	2
PC14. document infrastructure components, configurations, and changes made to the cloud environment for traceability and auditing purposes.	2	3	-	1
PC15. prepare and present reports on cloud resource usage, performance metrics, and optimization efforts to stakeholders using free tools like Google Docs or Markdown.	2	3	-	-
PC16. create troubleshooting logs and incident response documentation to	2	4	-	1

	ensure quick recovery in case of cloud infrastructure failures.				
	NOS Total	30	60	-	10
TEL/N6614: Manage Telecom IT Infrastructure and Network Assets	<i>IT Asset Inventory Management</i>	6	12	-	3
	PC1. identify and categorize IT assets including hardware, software, licenses, and network components.	1	3	-	1
	PC2. maintain inventory of telecom cloud and IT assets including hardware, virtualized infrastructure, licenses, and network services used in cloud-hosted environments.	1	3	-	-
	PC3. assign and track asset allocation to employees or departments with appropriate access and usage records.	2	3	-	1
	PC4. regularly audit and reconcile asset inventory records with actual asset conditions and update discrepancies.	2	3	-	1
	<i>Hardware and Software Installation and Configuration</i>	5	12	-	2
	PC5. install and configure computing devices including desktops, laptops, and network peripherals as per organizational needs.	1	3	-	1
	PC6. deploy and configure software applications using organization-approved licensing models.	2	3	-	-
	PC7. implement operating system setup, network configurations, and security patches using free tools such as PDQ Deploy Free, Clonezilla, or WSUS (for Windows updates).	1	3	-	-
	PC8. perform hardware diagnostics and resolve issues related to devices like printers, routers, and projectors.	1	3	-	1
	<i>Infrastructure Monitoring and Maintenance</i>	7	12	-	2
	PC9. Support field-level deployments and configuration updates for	2	3	-	-

	telecom cloud components, ensuring compliance with security and operational protocols.				
	PC10. apply preventive maintenance schedules to IT assets to reduce downtime and extend asset lifespan.	2	3	-	1
	PC11. coordinate firmware and driver updates for hardware components to maintain compatibility and security.	1	3	-	1
	PC12. troubleshoot basic connectivity, OS, and hardware-related issues and escalate unresolved problems per SOPs.	2	3	-	-
	<i>Asset Security and Compliance</i>	6	12	-	2
	PC13. implement user access controls, endpoint protection, and device encryption using free tools like BitLocker, ClamAV, or Windows Defender.	1	3	-	1
	PC14. maintain logs of asset access and ensure compliance with internal IT policies and data protection guidelines.	2	3	-	1
	PC15. enforce software license compliance and ensure no unauthorized applications are installed.	1	3	-	-
	PC16. isolate and report incidents related to asset theft, loss, or misuse.	2	3	-	-
	<i>Asset Lifecycle and Documentation</i>	6	12	-	1
	PC17. maintain records for asset procurement, assignment, return, repair, and disposal.	2	3	-	-
	PC18. evaluate and recommend asset upgrades, replacements, or decommissioning based on usage and lifecycle stages.	2	3	-	-
	PC19. generate reports on IT asset status, utilization, and performance for audits and management reviews.	1	3	-	1

	PC20. ensure proper disposal of retired assets following environmental and e-waste regulations.	1	3	-	-
	NOS Total	30	60	-	10
TEL/N9101: Organise Work and Resources as per Health and Safety Standards	<i>Maintain an organised, productive, and digitally compliant workspace</i>	6	13	-	2
	PC1. maintain a clean, clutter-free, and ergonomically safe workspace aligned with 5S principles	1	2	-	-
	PC2. follow designated workflow as per the organisational Standard Operating Procedures (SOPs)	2	3	-	-
	PC3. digitally log work completed, including time stamps, material usage, and issues faced	1	3	-	1
	PC4. track and update digital task checklists, inventories, or handovers through mobile/desktop apps	1	3	-	-
	PC5. identify delays, workflow inefficiencies, or material constraints and escalate appropriately.	1	2	-	1
	<i>Adhere to health, safety, and environmental guidelines</i>	13	24	-	5
	PC6. comply with organisational health, safety, and environment (HSE) policies at all times	1	3	-	1
	PC7. use personal protective equipment (PPE) such as ESD wrist straps, gloves, masks, and safety footwear	1	3	-	-
	PC8. report any breaches in safety protocols, near misses, or unsafe practices immediately to supervisor/concerned authorities	2	2	-	1
	PC9. detect hazards, including spillage, loose wiring, excessive noise, or EMI sources and respond as per SOP	1	3	-	1

PC10.	follow lockout/tagout procedures when working around electrical or moving parts	2	3	-	-
PC11.	adhere to safe lifting techniques, workstation posture norms, and equipment handling procedures	2	3	-	-
PC12.	handle tools and heavy components using trolleys or assistive equipment when needed	1	3	-	1
PC13.	identify early signs of physical or mental fatigue and report for preventive action	2	2	-	1
PC14.	inform supervisor of symptoms related to communicable diseases or unsafe coworker behaviour.	1	2	-	-
<i>Conserve energy and manage resources efficiently</i>		7	14	-	2
PC15.	minimise wastage of consumables, components, and materials by adhering to industry best practices	1	3	-	-
PC16.	use electricity, lighting, and climate-control systems responsibly	1	3	-	-
PC17.	power off equipment, tools, and terminals when not in use	1	2	-	-
PC18.	ensure routine maintenance, cleaning, and calibration of machines/tools to improve performance	1	2	-	1
PC19.	report leakages, overheating, or malfunctions immediately for rectification	2	2	-	1
PC20.	use digital tools to monitor and reduce environmental footprint, where applicable.	1	2	-	-
<i>Implement safe and sustainable waste disposal practices</i>		4	9	-	1
PC21.	segregate and dispose of hazardous, recyclable, and general waste	2	3	-	-

	as per guidelines				
	PC22. deposit e-waste or used batteries at designated collection points following e-waste protocols	1	3	-	-
	PC23. follow ESD-safe disposal procedures for sensitive electronic components	1	3	-	1
	NOS Total	30	60	-	10
TEL/N9102: Interact Effectively with Team Members and Customers	<i>Interact effectively with supervisors and stakeholders</i>	11	13	-	2
	PC1. receive and clarify work instructions, technical requirements, and priorities from supervisors or clients using appropriate communication tools (e.g., messaging apps, emails, virtual meetings)	3	3	-	-
	PC2. inform supervisors or relevant stakeholders in a timely manner about any issues, risks, or deviations from planned tasks	2	3	-	-
	PC3. contribute to team decisions by providing relevant data, suggestions, and professional feedback during team discussions	3	4	-	1
	PC4. act promptly on constructive feedback and incorporate learnings to improve future work outcomes	3	3	-	1
	<i>Collaborate effectively with team members and customers</i>	16	21	-	4
	PC5. follow organisational norms and digital etiquette when working in hybrid or remote teams	3	4	-	1
	PC6. communicate respectfully and effectively using face-to-face, phone, email, or collaboration platforms (e.g., MS Teams, Zoom)	3	3	-	1
	PC7. seek clarification and respond to queries from customers and team members accurately and promptly	3	3	-	1
	PC8. identify and de-escalate conflicts tactfully to maintain a productive	2	4	-	-

	and harmonious work environment				
	PC9. demonstrate emotional intelligence in team settings by recognising and responding to others' perspectives and emotional states	2	3	-	-
	PC10. align personal efforts with team and organisational goals to ensure shared success.	3	4	-	1
	<i>Promote inclusivity, respect, and accessibility in the workplace</i>	13	16	-	4
	PC11. foster an inclusive workplace culture that respects gender, cultural, and socio-economic diversity	3	3	-	1
	PC12. demonstrate respectful language and conduct toward colleagues and customers of all genders and backgrounds	2	3	-	-
	PC13. support team members with disabilities by helping remove work-related barriers or by assisting them as needed	3	4	-	1
	PC14. practice appropriate verbal and non-verbal communication while engaging with persons with disabilities (PwDs)	2	3	-	1
	PC15. promote equal opportunity and participation for all in meetings, decision-making, and teamwork.	3	3	-	1
	NOS Total	40	50	-	10
DGT/VSQ/ N101 Employability Skills (30 Hrs)	<i>Introduction to Employability Skills</i>	1	1	-	-
	PC1. understand the significance of employability skills in meeting the job requirements	-	-	-	-
	<i>Constitutional values – Citizenship</i>	1	1	-	-
	PC2. identify constitutional values, civic rights, duties, personal values and ethics and environmentally sustainable practices	-	-	-	-

	<i>Becoming a Professional in the 21st Century</i>	1	3	-	-
	PC3. explain 21st Century Skills such as Self- Awareness, Behaviour Skills, Positive attitude, self-motivation, problem-solving, creative thinking, time management, social and cultural awareness, emotional awareness, continuous learning mindset etc.	-	-	-	-
	<i>Basic English Skills</i>	2	3	-	-
	PC4. speak with others using some basic English phrases or sentences	-	-	-	-
	<i>Communication Skills</i>	1	1	-	-
	PC5. follow good manners while communicating with others	-	-	-	-
	PC6. work with others in a team	-	-	-	-
	<i>Diversity & Inclusion</i>	1	1	-	-
	PC7. communicate and behave appropriately with all genders and PwD	-	-	-	-
	PC8. report any issues related to sexual harassment	-	-	-	-
	<i>Financial and Legal Literacy</i>	3	4	-	-
	PC9. use various financial products and services safely and securely	-	-	-	-
	PC10. calculate income, expenses, savings etc.				
	PC11. calculate income, expenses, savings etc.	-	-	-	-
	PC12. approach the concerned authorities for any exploitation as per legal rights and laws	-	-	-	-
	<i>Essential Digital Skills</i>	4	6	-	-

	PC13. operate digital devices and use its features and applications securely and safely	-	-	-	-
	PC14. use internet and social media platforms securely and safely	-	-	-	-
	<i>Entrepreneurship</i>	3	5	-	-
	PC15. identify and assess opportunities for potential business	-	-	-	-
	PC16. identify sources for arranging money and associated financial and legal challenges	-	-	-	-
	<i>Customer Service</i>	2	2	-	-
	PC17. identify different types of customers	-	-	-	-
	PC18. identify customer needs and address them appropriately	-	-	-	-
	PC19. follow appropriate hygiene and grooming standards	-	-	-	-
	<i>Getting ready for apprenticeship & Jobs</i>	1	3	-	-
	PC20. .create a basic biodata	-	-	-	-
	PC21. search for suitable jobs and apply	-	-	-	-
	PC22. identify and register apprenticeship opportunities as per requirement	-	-	-	-
	Total Marks	20	30	-	-
	Grand Total	210	380	-	60

Annexure: Assessment Strategy

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

Mention the detailed assessment strategy in the provided template.

<1. Assessment System Overview:

- Batches assigned to the assessment agencies for conducting the assessment on SIP or email
- Assessment agencies send the assessment confirmation to VTP/TC looping SSC
- Assessment agency deploys the ToA certified Assessor for executing the assessment
- SSC monitors the assessment process & records

2. Testing Environment:

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

3. Assessment Quality Assurance levels/Framework:

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

4. Types of evidence or evidence-gathering protocol:

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

5. Method of verification or validation:

- Surprise visit to the assessment location

6. Method for assessment documentation, archiving, and access

- Hard copies of the documents are stored

On the Job:

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

4. Assessment of each Module will ensure that the candidate is able to:

- Effective engagement with the customers
- Understand the working of various tools and equipment
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Annexure: Acronym and Glossary

Acronym

Acronym	Description
AA	Assessment Agency
AB	Awarding Body
ISCO	International Standard Classification of Occupations
NCO	National Classification of Occupations
NCrF	National Credit Framework
NOS	National Occupational Standard(s)
NQR	National Qualification Register
NSQF	National Skills Qualifications Framework
OJT	On the Job Training

Glossary

Term	Description
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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