

## Qualification Pack



# Four Wheeler Service Assistant

QP Code: ASC/Q1401

Version: 5.0

NSQF Level: 3

Automotive || 153, GF, Okhla Industrial Area, Phase 3  
New Delhi 110020 || email:garima@asdc.org.in

## Qualification Pack

### Contents

ASC/Q1401: Four Wheeler Service Assistant .....	3
<i>Brief Job Description</i> .....	3
Applicable National Occupational Standards (NOS) .....	3
<i>Compulsory NOS</i> .....	3
<i>Qualification Pack (QP) Parameters</i> .....	3
ASC/N9801: Organize work and resources (Service) .....	5
DGT/VSQ/N0101: Employability Skills (30 Hours) .....	11
ASC/N1401: Assist in service, maintenance, and repair of the vehicle .....	17
Assessment Guidelines and Weightage .....	22
<i>Assessment Guidelines</i> .....	22
<i>Assessment Weightage</i> .....	23
Acronyms .....	24
Glossary .....	25

## Qualification Pack

### ASC/Q1401: Four Wheeler Service Assistant

#### Brief Job Description

A Four Wheeler Service Assistant is responsible for assisting the four wheeler service technician in repair, routine servicing and maintenance (including electrical and mechanical aggregates) of vehicles

#### Personal Attributes

An individual in this job must have good communication and interpersonal skills. The person should be able to multi-task, organised, team-oriented, customer centric and have the ability to work for long hours in adverse conditions. The individual should be a keen observer and have an eye for detail and quality.

#### Applicable National Occupational Standards (NOS)

##### Compulsory NOS:

1. [ASC/N9801: Organize work and resources \(Service\)](#)
2. [DGT/VSQ/N0101: Employability Skills \(30 Hours\)](#)
3. [ASC/N1401: Assist in service, maintenance, and repair of the vehicle](#)

#### Qualification Pack (QP) Parameters

<b>Sector</b>	Automotive
<b>Sub-Sector</b>	Automotive Vehicle Service
<b>Occupation</b>	Technical Service & Repair
<b>Country</b>	India
<b>NSQF Level</b>	3
<b>Credits</b>	13
<b>Aligned to NCO/ISCO/ISIC Code</b>	NCO-2015/3115.0602

## Qualification Pack

<b>Minimum Educational Qualification &amp; Experience</b>	5th Class with 4 Years of experience of relevant experience OR 8th Class with 1 Year of experience of relevant experience OR 9th Class OR Certificate-NSQF (Automotive Washer Level 2) with 2 Years of experience of relevant experience
<b>Minimum Level of Education for Training in School</b>	8th Class
<b>Pre-Requisite License or Training</b>	Driving License and Basic Computer Skills
<b>Minimum Job Entry Age</b>	18 Years
<b>Last Reviewed On</b>	NA
<b>Next Review Date</b>	17/11/2025
<b>NSQC Approval Date</b>	17/11/2022
<b>Version</b>	5.0
<b>Reference code on NQR</b>	2022/AUT/ASDC/06564
<b>NQR Version</b>	5

## Qualification Pack

### ASC/N9801: Organize work and resources (Service)

#### Description

This NOS unit is about implementing safety, planning work, adopting sustainable practices for optimising use of resources

#### Scope

The scope covers the following :

- Maintain safe and secure working environment
- Perform work as per quality standards
- Health and hygiene
- Material/energy conservation practices
- Effective waste management practices

#### Elements and Performance Criteria

##### *Maintain safe and secure working environment*

To be competent, the user/individual on the job must be able to:

- PC1.** organise work as per organisation's current health, safety and security policies and procedures
- PC2.** report any identified breaches in health, safety, and security policies and procedures to the designated person
- PC3.** identify the risks and hazards associated with work activities, their causes and prevention

##### *Perform work as per quality standards*

To be competent, the user/individual on the job must be able to:

- PC4.** ensure work area is clean and tidy
- PC5.** ensure that work is accomplished as per the requirements within the specified timeline
- PC6.** ensure team goals are given preference over individual goals

##### *Health and hygiene*

To be competent, the user/individual on the job must be able to:

- PC7.** sanitize workstation and equipment regularly
- PC8.** clean hands with soap, alcohol-based sanitizer regularly
- PC9.** avoid contact with ill people and self-isolate in a similar situation
- PC10.** wear and dispose PPEs regularly and appropriately
- PC11.** report advanced hygiene and sanitation issues to appropriate authority
- PC12.** follow stress and anxiety management techniques

##### *Material/energy conservation practices*

To be competent, the user/individual on the job must be able to:

- PC13.** identify ways to optimise usage of material in various tasks/activities/processes
- PC14.** use resources, including water, in a responsible manner

## Qualification Pack

- PC15.** check for spills/leakages in various tasks/activities/processes
- PC16.** plug spills/leakages and escalate to appropriate authority if unable to rectify
- PC17.** carry out routine cleaning of tools, machines and equipment
- PC18.** check if the equipment/machine is functioning normally before commencing work and rectify wherever required
- PC19.** report malfunctioning (fumes/sparks/emission/vibration/noise) and lapse in maintenance of equipment
- PC20.** ensure electrical equipment and appliances are properly connected and turned off when not in use

### *Effective waste management practices*

To be competent, the user/individual on the job must be able to:

- PC21.** identify recyclable and non-recyclable, and hazardous waste generated
- PC22.** segregate waste into different categories
- PC23.** dispose non-recyclable waste appropriately
- PC24.** deposit recyclable and reusable material at identified location
- PC25.** follow processes specified for disposal of hazardous waste

## Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** organisation procedures for health, safety and security, and individual role and responsibilities in this context
- KU2.** the organisations emergency procedures for different emergency situations and the importance of following the same
- KU3.** evacuation procedures for workers and visitors
- KU4.** how and when to report hazards as well as the limits of responsibility for dealing with hazards
- KU5.** potential hazards, risks and threats based on the nature of work
- KU6.** the implications of own work on the schedule and work of others
- KU7.** efficient utilisation of material and water
- KU8.** basics of electricity and prevalent energy efficient devices
- KU9.** ways to recognise common electrical problems
- KU10.** common practices of conserving electricity
- KU11.** common sources of pollution and ways to minimize it
- KU12.** categorisation of waste into dry, wet, recyclable, non-recyclable and items of single-use plastics
- KU13.** usage of different colours of dustbins
- KU14.** waste management and methods of waste disposal
- KU15.** significance of greening
- KU16.** organisation's policies to maintain personal health and hygiene at workplace

## Generic Skills (GS)

## Qualification Pack

User/individual on the job needs to know how to:

- GS1.** read instructions/guidelines/standard operating procedures
- GS2.** complete statutory documents relevant to safety and hygiene
- GS3.** modify work practices to improve them
- GS4.** ask for clarifications from superior about the job requirement
- GS5.** work with supervisors/team members to carry out work related tasks
- GS6.** complete tasks efficiently and accurately within stipulated time
- GS7.** inform/report to concerned person in case of any problem
- GS8.** make timely decisions for efficient utilization of resources
- GS9.** write in at least one language and complete written work with attention to detail
- GS10.** record data on waste disposal at workplace
- GS11.** be punctual, utilize time and manage workload efficiently
- GS12.** evaluate strategies to maintain, enhance or reduce the intensity of heightened emotional response

## Qualification Pack

### Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Maintain safe and secure working environment</i>	<b>8</b>	<b>4</b>	-	<b>3</b>
<b>PC1.</b> organise work as per organisation's current health, safety and security policies and procedures	-	2	-	1
<b>PC2.</b> report any identified breaches in health, safety, and security policies and procedures to the designated person	3	1	-	-
<b>PC3.</b> identify the risks and hazards associated with work activities, their causes and prevention	5	1	-	2
<i>Perform work as per quality standards</i>	<b>12</b>	<b>8</b>	-	<b>6</b>
<b>PC4.</b> ensure work area is clean and tidy	4	2	-	-
<b>PC5.</b> ensure that work is accomplished as per the requirements within the specified timeline	6	4	-	2
<b>PC6.</b> ensure team goals are given preference over individual goals	2	2	-	4
<i>Health and hygiene</i>	<b>12</b>	<b>8</b>	-	<b>5</b>
<b>PC7.</b> sanitize workstation and equipment regularly	2	2	-	2
<b>PC8.</b> clean hands with soap, alcohol-based sanitizer regularly	2	1	-	-
<b>PC9.</b> avoid contact with ill people and self-isolate in a similar situation	2	1	-	-
<b>PC10.</b> wear and dispose PPEs regularly and appropriately	2	2	-	1
<b>PC11.</b> report advanced hygiene and sanitation issues to appropriate authority	2	2	-	2
<b>PC12.</b> follow stress and anxiety management techniques	2	-	-	-
<i>Material/energy conservation practices</i>	<b>10</b>	<b>4</b>	-	<b>3</b>
<b>PC13.</b> identify ways to optimise usage of material in various tasks/activities/processes	2	-	-	1

### Qualification Pack

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<b>PC14.</b> use resources, including water, in a responsible manner	2	-	-	-
<b>PC15.</b> check for spills/leakages in various tasks/activities/processes	-	1	-	-
<b>PC16.</b> plug spills/leakages and escalate to appropriate authority if unable to rectify	-	1	-	1
<b>PC17.</b> carry out routine cleaning of tools, machines and equipment	2	-	-	-
<b>PC18.</b> check if the equipment/machine is functioning normally before commencing work and rectify wherever required	-	1	-	1
<b>PC19.</b> report malfunctioning (fumes/sparks/emission/vibration/noise) and lapse in maintenance of equipment	2	1	-	-
<b>PC20.</b> ensure electrical equipment and appliances are properly connected and turned off when not in use	2	-	-	-
<i>Effective waste management practices</i>	<b>8</b>	<b>6</b>	-	<b>3</b>
<b>PC21.</b> identify recyclable and non-recyclable, and hazardous waste generated	2	-	-	1
<b>PC22.</b> segregate waste into different categories	-	2	-	-
<b>PC23.</b> dispose non-recyclable waste appropriately	2	2	-	1
<b>PC24.</b> deposit recyclable and reusable material at identified location	2	1	-	-
<b>PC25.</b> follow processes specified for disposal of hazardous waste	2	1	-	1
<b>NOS Total</b>	<b>50</b>	<b>30</b>	-	<b>20</b>

## Qualification Pack

### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	ASC/N9801
<b>NOS Name</b>	Organize work and resources (Service)
<b>Sector</b>	Automotive
<b>Sub-Sector</b>	Generic
<b>Occupation</b>	Generic
<b>NSQF Level</b>	3
<b>Credits</b>	2
<b>Version</b>	2.0
<b>Last Reviewed Date</b>	18/02/2025
<b>Next Review Date</b>	18/02/2028
<b>NSQC Clearance Date</b>	18/02/2025

## Qualification Pack

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

#### Description

This unit is about employability skills, Constitutional values, becoming a professional in the 21st Century, digital, financial, and legal literacy, diversity and Inclusion, English and communication skills, customer service, entrepreneurship, and apprenticeship, getting ready for jobs and career development.

#### Scope

The scope covers the following :

- Introduction to Employability Skills
- Constitutional values - Citizenship
- Becoming a Professional in the 21st Century
- Basic English Skills
- Communication Skills
- Diversity & Inclusion
- Financial and Legal Literacy
- Essential Digital Skills
- Entrepreneurship
- Customer Service
- Getting ready for Apprenticeship & Jobs

#### Elements and Performance Criteria

##### *Introduction to Employability Skills*

To be competent, the user/individual on the job must be able to:

**PC1.** understand the significance of employability skills in meeting the job requirements

##### *Constitutional values - Citizenship*

To be competent, the user/individual on the job must be able to:

**PC2.** identify constitutional values, civic rights, duties, personal values and ethics and environmentally sustainable practices

##### *Becoming a Professional in the 21st Century*

To be competent, the user/individual on the job must be able to:

**PC3.** explain 21st Century Skills such as Self-Awareness, Behavior Skills, Positive attitude, self-motivation, problem-solving, creative thinking, time management, social and cultural awareness, emotional awareness, continuous learning mindset etc.

##### *Basic English Skills*

To be competent, the user/individual on the job must be able to:

**PC4.** speak with others using some basic English phrases or sentences

##### *Communication Skills*

To be competent, the user/individual on the job must be able to:

**PC5.** follow good manners while communicating with others

**PC6.** work with others in a team

## Qualification Pack

### *Diversity & Inclusion*

To be competent, the user/individual on the job must be able to:

**PC7.** communicate and behave appropriately with all genders and PwD

**PC8.** report any issues related to sexual harassment

### *Financial and Legal Literacy*

To be competent, the user/individual on the job must be able to:

**PC9.** use various financial products and services safely and securely

**PC10.** calculate income, expenses, savings etc.

**PC11.** approach the concerned authorities for any exploitation as per legal rights and laws

### *Essential Digital Skills*

To be competent, the user/individual on the job must be able to:

**PC12.** operate digital devices and use its features and applications securely and safely

**PC13.** use internet and social media platforms securely and safely

### *Entrepreneurship*

To be competent, the user/individual on the job must be able to:

**PC14.** identify and assess opportunities for potential business

**PC15.** identify sources for arranging money and associated financial and legal challenges

### *Customer Service*

To be competent, the user/individual on the job must be able to:

**PC16.** identify different types of customers

**PC17.** identify customer needs and address them appropriately

**PC18.** follow appropriate hygiene and grooming standards

### *Getting ready for apprenticeship & Jobs*

To be competent, the user/individual on the job must be able to:

**PC19.** create a basic biodata

**PC20.** search for suitable jobs and apply

**PC21.** identify and register apprenticeship opportunities as per requirement

## Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

**KU1.** need for employability skills

**KU2.** various constitutional and personal values

**KU3.** different environmentally sustainable practices and their importance

**KU4.** Twenty first (21st) century skills and their importance

**KU5.** how to use basic spoken English language

**KU6.** Do and dont of effective communication

**KU7.** inclusivity and its importance

**KU8.** different types of disabilities and appropriate communication and behaviour towards PwD

**KU9.** different types of financial products and services

## Qualification Pack

- KU10.** how to compute income and expenses
- KU11.** importance of maintaining safety and security in financial transactions
- KU12.** different legal rights and laws
- KU13.** how to operate digital devices and applications safely and securely
- KU14.** ways to identify business opportunities
- KU15.** types of customers and their needs
- KU16.** how to apply for a job and prepare for an interview
- KU17.** apprenticeship scheme and the process of registering on apprenticeship portal

## Generic Skills (GS)

User/individual on the job needs to know how to:

- GS1.** communicate effectively using appropriate language
- GS2.** behave politely and appropriately with all
- GS3.** perform basic calculations
- GS4.** solve problems effectively
- GS5.** be careful and attentive at work
- GS6.** use time effectively
- GS7.** maintain hygiene and sanitisation to avoid infection

## Qualification Pack

### Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Introduction to Employability Skills</i>	<b>1</b>	<b>1</b>	-	-
<b>PC1.</b> understand the significance of employability skills in meeting the job requirements	-	-	-	-
<i>Constitutional values - Citizenship</i>	<b>1</b>	<b>1</b>	-	-
<b>PC2.</b> identify constitutional values, civic rights, duties, personal values and ethics and environmentally sustainable practices	-	-	-	-
<i>Becoming a Professional in the 21st Century</i>	<b>1</b>	<b>3</b>	-	-
<b>PC3.</b> explain 21st Century Skills such as Self-Awareness, Behavior Skills, Positive attitude, self-motivation, problem-solving, creative thinking, time management, social and cultural awareness, emotional awareness, continuous learning mindset etc.	-	-	-	-
<i>Basic English Skills</i>	<b>2</b>	<b>3</b>	-	-
<b>PC4.</b> speak with others using some basic English phrases or sentences	-	-	-	-
<i>Communication Skills</i>	<b>1</b>	<b>1</b>	-	-
<b>PC5.</b> follow good manners while communicating with others	-	-	-	-
<b>PC6.</b> work with others in a team	-	-	-	-
<i>Diversity &amp; Inclusion</i>	<b>1</b>	<b>1</b>	-	-
<b>PC7.</b> communicate and behave appropriately with all genders and PwD	-	-	-	-
<b>PC8.</b> report any issues related to sexual harassment	-	-	-	-
<i>Financial and Legal Literacy</i>	<b>3</b>	<b>4</b>	-	-
<b>PC9.</b> use various financial products and services safely and securely	-	-	-	-

### Qualification Pack

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<b>PC10.</b> calculate income, expenses, savings etc.	-	-	-	-
<b>PC11.</b> approach the concerned authorities for any exploitation as per legal rights and laws	-	-	-	-
<i>Essential Digital Skills</i>	<b>4</b>	<b>6</b>	-	-
<b>PC12.</b> operate digital devices and use its features and applications securely and safely	-	-	-	-
<b>PC13.</b> use internet and social media platforms securely and safely	-	-	-	-
<i>Entrepreneurship</i>	<b>3</b>	<b>5</b>	-	-
<b>PC14.</b> identify and assess opportunities for potential business	-	-	-	-
<b>PC15.</b> identify sources for arranging money and associated financial and legal challenges	-	-	-	-
<i>Customer Service</i>	<b>2</b>	<b>2</b>	-	-
<b>PC16.</b> identify different types of customers	-	-	-	-
<b>PC17.</b> identify customer needs and address them appropriately	-	-	-	-
<b>PC18.</b> follow appropriate hygiene and grooming standards	-	-	-	-
<i>Getting ready for apprenticeship &amp; Jobs</i>	<b>1</b>	<b>3</b>	-	-
<b>PC19.</b> create a basic biodata	-	-	-	-
<b>PC20.</b> search for suitable jobs and apply	-	-	-	-
<b>PC21.</b> identify and register apprenticeship opportunities as per requirement	-	-	-	-
<b>NOS Total</b>	<b>20</b>	<b>30</b>	-	-

## Qualification Pack

### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	DGT/VSQ/N0101
<b>NOS Name</b>	Employability Skills (30 Hours)
<b>Sector</b>	Cross Sectoral
<b>Sub-Sector</b>	Professional Skills
<b>Occupation</b>	Employability
<b>NSQF Level</b>	2
<b>Credits</b>	1
<b>Version</b>	1.0
<b>Last Reviewed Date</b>	08/05/2025
<b>Next Review Date</b>	30/04/2028
<b>NSQC Clearance Date</b>	08/05/2025

## Qualification Pack

### ASC/N1401: Assist in service, maintenance, and repair of the vehicle

#### Description

An Assistant is responsible for assisting the four wheeler service technician in repair, routine servicing and maintenance (including electrical and mechanical aggregates) of 4 wheeler vehicles

#### Scope

The scope covers the following :

- Assist in preparation for service, maintenance and repair of the vehicle
- Provide assistance for service, maintenance and repair/replacement of vehicle parts or aggregates
- Perform pollution check

#### Elements and Performance Criteria

##### *Assist in preparation for service, maintenance and repair of the vehicle*

To be competent, the user/individual on the job must be able to:

- PC1.** assist in positioning the vehicle on a suitable platform for service, maintenance and repair
- PC2.** assist the seniors by running errands such as collecting/fetching the required special service tools, measuring instruments, vehicle parts, gauges, fixtures, workshop supplies, etc.
- PC3.** report the malfunctioning, if any, in tools/equipment to the concerned person for rectification
- PC4.** report the malfunctions/repairs beyond own scope to the concerned person for rectification
- PC5.** prepare the work area by cleaning and placement of tools/equipment in an organised manner

##### *Provide assistance for service, maintenance and repair/replacement of vehicle parts or aggregates*

To be competent, the user/individual on the job must be able to:

- PC6.** identify the auto component/aggregate and their specifications
- PC7.** assist senior in visual inspection of the vehicle for any external impact/bend/leak/incorrect level/wear & tear
- PC8.** work carefully to ensure no damage is caused to any aggregate/component
- PC9.** comply with the Standard Operating Procedures and vehicle service manuals for repairing, servicing and using workshop tools and equipment
- PC10.** maintain documentation of each process as specified by OEM
- PC11.** assist senior in performing routine service/maintenance (inspect/correct/adjust/clean/lubricate) in vehicle/aggregate
- PC12.** perform routine service/maintenance (change/replenish/top-up - lubricants, fluids, coolant, filters etc.) and minor repair/replacement (wheels, wiper, mud flap, brake pad, brake shoes, wheel balancing etc.) in vehicle/aggregate under supervision of senior
- PC13.** assist in dismantling aggregate like suspension steering system, cooling system, engine gearbox etc.

##### *Perform pollution check*

To be competent, the user/individual on the job must be able to:

## Qualification Pack

- PC14.** perform PUC (Pollution Under Control) check as per standard procedure using appropriate software and hardware
- PC15.** check the reading to confirm if these are within acceptable range and inform the concerned person about discrepancies, if any
- PC16.** check the previous PUC certificate for existing record or take data from registration certificate and enter details in software
- PC17.** prepare the PUC certificate

## Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** Complete layout of the workshop
- KU2.** use of measuring equipment such as feeler gauges, torque wrench, multimeter, engineering rule (scale), battery charger, tester, hydrometer, tachometer etc.
- KU3.** use of routine service tools including fuel pressure testers, manifold gauge sets, oil pressure gauges, tire pressure gauges etc., and ball joint separators, bearing pullers, gear puller tools, slide hammers etc.
- KU4.** safety requirements for components/aggregates and equipment as prescribed by the OEM
- KU5.** safety, health and environmental policies and regulations at workplace and of automotive trade in general (e.g. safe practices while working in pits/under vehicles)
- KU6.** basic functioning of different types of engines such as diesel, petrol, electrical, gas, hybrid etc, drive line or drive train-clutch, gearbox (transmission) or transaxle (manual), propeller shaft, differential, drive axles, wheels, wheel rims and tyres, functioning of systems such as air supply, fuel, cooling, emission and exhaust, ignition, lubrication, steering, suspension, brake
- KU7.** identification of workshop tools, equipment, materials and their storage location
- KU8.** organisational and professional code of ethics and standards of practice
- KU9.** documentation requirements for each procedure
- KU10.** standard operating procedures recommended by the OEM for using tools and equipment to be followed as per the manufacturer instructions
- KU11.** workplace policies and schedules for housekeeping activities and equipment maintenance
- KU12.** functioning of batteries and power storage system, power-generating systems (including charging systems especially for electrical and hybrid vehicles), electrical wire harness, starting, lighting, horn, wiper and air-conditioning systems etc., energy recuperation systems, electronic systems including active and passive safety, media and other systems
- KU13.** Standard Operating Procedures of the organisation for inspection, servicing and repair of vehicles as per manufacturer's specification
- KU14.** the type, quality and codification system of components specified by the OEM for use as replacement parts
- KU15.** manufacturer specifications of components/aggregates and different sections of the vehicle such as dashboard, seat pockets, etc.
- KU16.** the instructions related to the grade and use of oils/lubricants, grease and other fluids specified by the OEM
- KU17.** standard approved procedure and parameters for performing pollution check

## Qualification Pack

**KU18.** how to interpret the readings with respect to the approved ranges

**KU19.** functioning of the software for preparation of the PUC certificate

### Generic Skills (GS)

User/individual on the job needs to know how to:

**GS1.** communicate effectively at the work place

**GS2.** plan and organize work according to the principles of 5S

**GS3.** read the service circulars/sign boards placed in the workshop with respect to the overall process to be followed for service, repair and maintenance of the vehicle and safety related guidelines applicable for CNG/LPG/Electric vehicle

**GS4.** understand the need of the customer

**GS5.** analyse, evaluate and apply the information gathered from observation, experience, reasoning or communication to act efficiently

**GS6.** write in English/regional language

## Qualification Pack

### Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Assist in preparation for service, maintenance and repair of the vehicle</i>	<b>10</b>	<b>14</b>	-	<b>6</b>
<b>PC1.</b> assist in positioning the vehicle on a suitable platform for service, maintenance and repair	2	4	-	-
<b>PC2.</b> assist the seniors by running errands such as collecting/fetching the required special service tools, measuring instruments, vehicle parts, gauges, fixtures, workshop supplies, etc.	-	6	-	4
<b>PC3.</b> report the malfunctioning, if any, in tools/equipment to the concerned person for rectification	2	-	-	-
<b>PC4.</b> report the malfunctions/repairs beyond own scope to the concerned person for rectification	4	-	-	-
<b>PC5.</b> prepare the work area by cleaning and placement of tools/equipment in an organised manner	2	4	-	2
<i>Provide assistance for service, maintenance and repair/replacement of vehicle parts or aggregates</i>	<b>18</b>	<b>22</b>	-	<b>9</b>
<b>PC6.</b> identify the auto component/aggregate and their specifications	4	3	-	-
<b>PC7.</b> assist senior in visual inspection of the vehicle for any external impact/bend/leak/incorrect level/wear & tear	2	5	-	1
<b>PC8.</b> work carefully to ensure no damage is caused to any aggregate/component	4	-	-	-
<b>PC9.</b> comply with the Standard Operating Procedures and vehicle service manuals for repairing, servicing and using workshop tools and equipment	2	-	-	1
<b>PC10.</b> maintain documentation of each process as specified by OEM	2	2	-	1
<b>PC11.</b> assist senior in performing routine service/maintenance (inspect/correct/adjust/clean/lubricate) in vehicle/aggregate	-	6	-	1

### Qualification Pack

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<b>PC12.</b> perform routine service/maintenance (change/replenish/top-up - lubricants, fluids, coolant, filters etc.) and minor repair/replacement (wheels, wiper, mud flap, brake pad, brake shoes, wheel balancing etc.) in vehicle/aggregate under supervision of senior	2	-	-	3
<b>PC13.</b> assist in dismantling aggregate like suspension steering system, cooling system, engine gearbox etc.	2	6	-	2
<i>Perform pollution check</i>	<b>2</b>	<b>14</b>	-	<b>5</b>
<b>PC14.</b> perform PUC (Pollution Under Control) check as per standard procedure using appropriate software and hardware	-	5	-	1
<b>PC15.</b> check the reading to confirm if these are within acceptable range and inform the concerned person about discrepancies, if any	2	4	-	2
<b>PC16.</b> check the previous PUC certificate for existing record or take data from registration certificate and enter details in software	-	3	-	-
<b>PC17.</b> prepare the PUC certificate	-	2	-	2
<b>NOS Total</b>	<b>30</b>	<b>50</b>	-	<b>20</b>

## Qualification Pack

### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	ASC/N1401
<b>NOS Name</b>	Assist in service, maintenance, and repair of the vehicle
<b>Sector</b>	Automotive
<b>Sub-Sector</b>	Automotive Vehicle Service
<b>Occupation</b>	Technical Service & Repair
<b>NSQF Level</b>	3
<b>Credits</b>	10
<b>Version</b>	3.0
<b>Last Reviewed Date</b>	NA
<b>Next Review Date</b>	17/11/2025
<b>NSQC Clearance Date</b>	17/11/2022

## Assessment Guidelines and Assessment Weightage

### Assessment Guidelines

1. Criteria for assessment for each Qualification Pack will be created by the Sector Skill Council. Each Performance Criteria (PC) (PC) will be assigned marks proportional to its importance in NOS. SSC will also lay down proportion of marks for Theory and Skills Practical for each PC.
2. The assessment for the theory part will be based on knowledge bank of questions created by the SSC.
3. Individual assessment agencies will create unique question papers for theory part for each candidate at each examination/training centre (as per assessment criteria below).
4. Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/ training centre based on these criteria.
5. In case of successfully passing only certain number of NOSs, the trainee is eligible to take subsequent assessment on the balance NOS's to pass the Qualification Pack.
6. In case of unsuccessful completion, the trainee may seek reassessment on the Qualification Pack

## Qualification Pack

**Minimum Aggregate Passing % at QP Level : 65**

(Please note: Every Trainee should score a minimum aggregate passing percentage as specified above, to successfully clear the Qualification Pack assessment.)

## Assessment Weightage

Compulsory NOS

National Occupational Standards	Theory Marks	Practical Marks	Project Marks	Viva Marks	Total Marks	Weightage
ASC/N9801.Organize work and resources (Service)	50	30	0	20	100	15
DGT/VSQ/N0101.Employability Skills (30 Hours)	20	30	0	0	50	10
ASC/N1401.Assist in service, maintenance, and repair of the vehicle	30	50	0	20	100	75
<b>Total</b>	<b>100</b>	<b>110</b>	<b>0</b>	<b>0</b>	<b>250</b>	<b>100</b>

## Qualification Pack

### Acronyms

<b>NOS</b>	National Occupational Standard(s)
<b>NSQF</b>	National Skills Qualifications Framework
<b>QP</b>	Qualifications Pack
<b>TVET</b>	Technical and Vocational Education and Training
<b>OEM</b>	Original Equipment Manufacturer
<b>CNG</b>	Compressed Natural Gas
<b>LPG</b>	Liquefied Petroleum Gas
<b>PUC</b>	Pollution Under Control

## Qualification Pack

### Glossary

<b>Sector</b>	Sector is a conglomeration of different business operations having similar business and interests. It may also be defined as a distinct subset of the economy whose components share similar characteristics and interests.
<b>Sub-sector</b>	Sub-sector is derived from a further breakdown based on the characteristics and interests of its components.
<b>Occupation</b>	Occupation is a set of job roles, which perform similar/ related set of functions in an industry.
<b>Job role</b>	Job role defines a unique set of functions that together form a unique employment opportunity in an organisation.
<b>Occupational Standards (OS)</b>	OS specify the standards of performance an individual must achieve when carrying out a function in the workplace, together with the Knowledge and Understanding (KU) they need to meet that standard consistently. Occupational Standards are applicable both in the Indian and global contexts.
<b>Performance Criteria (PC)</b>	Performance Criteria (PC) are statements that together specify the standard of performance required when carrying out a task.
<b>National Occupational Standards (NOS)</b>	NOS are occupational standards which apply uniquely in the Indian context.
<b>Qualifications Pack (QP)</b>	QP comprises the set of OS, together with the educational, training and other criteria required to perform a job role. A QP is assigned a unique qualifications pack code.
<b>Unit Code</b>	Unit code is a unique identifier for an Occupational Standard, which is denoted by an 'N'
<b>Unit Title</b>	Unit title gives a clear overall statement about what the incumbent should be able to do.
<b>Description</b>	Description gives a short summary of the unit content. This would be helpful to anyone searching on a database to verify that this is the appropriate OS they are looking for.
<b>Scope</b>	Scope is a set of statements specifying the range of variables that an individual may have to deal with in carrying out the function which have a critical impact on quality of performance required.

## Qualification Pack

<b>Knowledge and Understanding (KU)</b>	Knowledge and Understanding (KU) are statements which together specify the technical, generic, professional and organisational specific knowledge that an individual needs in order to perform to the required standard.
<b>Organisational Context</b>	Organisational context includes the way the organisation is structured and how it operates, including the extent of operative knowledge managers have of their relevant areas of responsibility.
<b>Technical Knowledge</b>	Technical knowledge is the specific knowledge needed to accomplish specific designated responsibilities.
<b>Core Skills/ Generic Skills (GS)</b>	Core skills or Generic Skills (GS) are a group of skills that are the key to learning and working in today's world. These skills are typically needed in any work environment in today's world. These skills are typically needed in any work environment. In the context of the OS, these include communication related skills that are applicable to most job roles.
<b>Electives</b>	Electives are NOS/set of NOS that are identified by the sector as contributive to specialization in a job role. There may be multiple electives within a QP for each specialized job role. Trainees must select at least one elective for the successful completion of a QP with Electives.
<b>Options</b>	Options are NOS/set of NOS that are identified by the sector as additional skills. There may be multiple options within a QP. It is not mandatory to select any of the options to complete a QP with Options.