









CNG Kit Fitment Technician

QP Code: ASC/Q1430

Version: 3.0

NSQF Level: 4

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ASC/Q1430: CNG Kit Fitment Technician

Brief Job Description

The individual in this job is responsible for fitting and installation of various mechanical, electronic and electrical components related CNG kit on/in the vehicle.

Personal Attributes

The person should be patient, organised, team-oriented and have the ability to work for long hours in adverse conditions. They should be keen observers 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/N1448: Install and fit CNG Kit in the vehicle

Qualification Pack (QP) Parameters

Sector	Automotive
Sub-Sector	Automotive Vehicle Service
Occupation	Technical Service & Repair
Country	India
NSQF Level	4
Credits	13
Aligned to NCO/ISCO/ISIC Code	NCO-2015/3115.0602









Minimum Educational Qualification & Experience	11th grade pass with 1.5 years of experience OR 10th grade pass plus 2-year NTC (OR NAC in trade- Motor Mechanic Vehicle, Diesel Motor Mechanic.) OR 10th grade pass with 3 Years of experience OR Certificate-NSQF (Level 3) with 3 Years of experience
Minimum Level of Education for Training in School	
Pre-Requisite License or Training	NA
Minimum Job Entry Age	18 Years
Last Reviewed On	NA
Next Review Date	18/02/2028
NSQC Approval Date	18/02/2025
Version	3.0
Reference code on NQR	QG-03-AU-03599-2025-V2-ASDC
NQR Version	2.0









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









- **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)









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









Assessment Criteria

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









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









National Occupational Standards (NOS) Parameters

NOS Code	ASC/N9801
NOS Name	Organize work and resources (Service)
Sector	Automotive
Sub-Sector	Generic
Occupation	Generic
NSQF Level	3
Credits	TBD
Version	1.0
Last Reviewed Date	18/02/2025
Next Review Date	18/02/2028
NSQC Clearance Date	18/02/2025









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









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









- **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









Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
Introduction to Employability Skills	1	1	-	-
PC1. understand the significance of employability skills in meeting the job requirements	-	-	-	-
Constitutional values - Citizenship	1	1	-	-
PC2. identify constitutional values, civic rights, duties, personal values and ethics and environmentally sustainable practices	-	-	-	-
Becoming a Professional in the 21st Century	1	3	-	-
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	2	3	-	-
PC4. speak with others using some basic English phrases or sentences	-	-	-	-
Communication Skills	1	1	-	-
PC5. follow good manners while communicating with others	-	-	-	-
PC6. work with others in a team	-	-	-	-
Diversity & Inclusion	1	1	-	-
PC7. communicate and behave appropriately with all genders and PwD	-	-	-	-
PC8. report any issues related to sexual harassment	-	-	-	-
Financial and Legal Literacy	3	4	-	-
PC9. use various financial products and services safely and securely	-	-	-	-









Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC10. calculate income, expenses, savings etc.	-	-	-	-
PC11. approach the concerned authorities for any exploitation as per legal rights and laws	-	-	-	-
Essential Digital Skills	4	6	-	-
PC12. operate digital devices and use its features and applications securely and safely	-	-	-	-
PC13. use internet and social media platforms securely and safely	-	-	-	-
Entrepreneurship	3	5	-	-
PC14. identify and assess opportunities for potential business	-	-	-	-
PC15. identify sources for arranging money and associated financial and legal challenges	-	-	-	-
Customer Service	2	2	-	-
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	1	3	-	-
PC19. create a basic biodata	-	-	-	-
PC20. search for suitable jobs and apply	-	-	-	-
PC21. identify and register apprenticeship opportunities as per requirement	-	-	-	-
NOS Total	20	30	-	-









National Occupational Standards (NOS) Parameters

NOS Code	DGT/VSQ/N0101
NOS Name	Employability Skills (30 Hours)
Sector	Cross Sectoral
Sub-Sector	Professional Skills
Occupation	Employability
NSQF Level	2
Credits	1
Version	1.0
Last Reviewed Date	18/02/2025
Next Review Date	18/02/2028
NSQC Clearance Date	18/02/2025









ASC/N1448: Install and fit CNG Kit in the vehicle

Description

This NOS unit is about fitting and installing the CNG kit components depending on the vehicle brand, model and engine type by following organizational procedures.

Scope

The scope covers the following:

- Prepare for installation of CNG Kit
- · Install and fit CNG Kit
- Perform post-installation activities

Elements and Performance Criteria

Prepare for installation of CNG Kit

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

- **PC1.** identify the work to be done and work requirements for the installation of CNG kit by interpreting the job card, CNG Kit manufacturer specifications related to the various brand/model/engine type/type of the vehicle (2/3/4 wheeler) etc.
- PC2. identify and arrange required tools, equipment and CNG kit component required for the job
- **PC3.** check tools, equipment and CNG kit component for any faults and required quality standards before use
- **PC4.** follow standard operating procedure to validate and diagnose faults in CNG kit components
- **PC5.** report the defects/malfunctions if any, in the tools, equipment & CNG kit components to the concerned person for rectification
- **PC6.** co-ordinate with the concerned vendor/supplier for the required CNG kit and its components, wherever applicable

Install and fit CNG Kit

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

- **PC7.** use appropriate Personal Protective Equipment (PPE) for safe working in workshop
- **PC8.** use appropriate fitting methods and perform fitting operations to fit the CNG kit in vehicle (i.e. 2/3/4 wheeler) as per SOP/WI
- **PC9.** follow government norms while installing CNG kit in BS6 petrol vehicles
- **PC10.** make holes/cuts on various surfaces such as metal sheet, plastic, fabric etc., to fit the CNG kit components in the vehicle
- **PC11.** remove dummy plugs, covers, old/damaged/defective parts etc. and clean the surrounding areas prior to installation of CNG kit components
- **PC12.** make wiring connections as specified by the manufacturer to fit the electrical/electronic components of CNG Kit
- **PC13.** assemble and secure all the components of the CNG Kit in vehicle in their correct positions by using appropriate assembly methods and techniques
- PC14. fasten components permanently by using appropriate fasteners, screws etc. as per SOP









Perform post-installation activities

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

- PC15. ensure correct calibration/tuning of engine after installation of CNG kit
- **PC16.** ensure that all CNG kit components installed, fitted and functioning properly
- **PC17.** perform road trial of vehicle to check CNG kit functioning and engine performance on both petrol and CNG modes
- **PC18.** provide necessary information like features, functioning, precautions and maintenance requirements of CNG Kit to the customer
- PC19. return leftover consumable/parts, tools/equipment etc. after completion of work
- **PC20.** ensure that all the fitting and installation activities are completed before releasing the vehicle
- PC21. dispose off packing wraps/box/covers and other material as per organization's policies
- **PC22.** prepare and maintain documents and records related to the CNG Kit fitment in vehicle as per organizational procedures

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- **KU1.** relevant legislation, standards, policies, and procedures followed in the organization
- **KU2.** characteristics of CNG and advantages of using CNG as fuel
- KU3. difference in Petrol and CNG fitted vehicles
- **KU4.** selection of CNG kit on the basis of type of vehicle i.e. 2/3/4 wheeler
- **KU5.** CNG kit component's such as Pressure Regulator, Gas/Air Mixer, CNG filling valve and other Electrical/electronic, metal/plastic parts, wiring harness, etc. as specified by manufacturer suitable for different brand/vehicle type/ model/engine type
- **KU6.** basic technology used and functioning of various CNG kit components
- **KU7.** SOP recommended by manufacturer for using tools/equipment during work
- **KU8.** various methods to fit and install CNG Kit components in 2/3/4 wheeler vehicle
- **KU9.** process of fitment and installation of the latest CNG kit components w.r.t a particular brand/vehicle model/engine type
- **KU10.** various provisions in vehicles to install CNG kit
- **KU11.** SOP recommended by CNG Kit manufacturer to validate, diagnose and repair defect/faults in the vehicle relevant to CNG kit functioning
- **KU12.** various methods of calibration, safety checks pre and post CNG kit fitment
- **KU13.** safety, health and environmental policies and regulations for the workplace as well as for automotive trade in general
- **KU14.** SOPs regarding receiving vehicles, opening job card, allocation of work, invoicing, vehicle delivery, handling complaints etc.
- **KU15.** maintenance requirement of CNG Kit components
- **KU16.** documentation required on the job (including job cards, work sheets, etc.) regarding the basic details of repair, maintenance and service performed
- **KU17.** government norms for installing CNG kit in BS6 petrol vehicles









Generic Skills (GS)

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

- **GS1.** read and interpret workplace related documentation
- **GS2.** interpret the needs of customers by understanding the key issues
- **GS3.** communicate using terms, names, grades and other nomenclature pertaining to the automotive trade
- **GS4.** analyse and apply the information gathered from observation, experience, reasoning or communication to act efficiently
- GS5. identify potential workplace problems and take suitable action
- **GS6.** write in English/regional language









Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
Prepare for installation of CNG Kit	8	13	-	6
PC1. identify the work to be done and work requirements for the installation of CNG kit by interpreting the job card, CNG Kit manufacturer specifications related to the various brand/model/engine type/type of the vehicle (2/3/4 wheeler) etc.	1	2	-	1
PC2. identify and arrange required tools, equipment and CNG kit component required for the job	2	2	-	1
PC3. check tools, equipment and CNG kit component for any faults and required quality standards before use	2	2	-	1
PC4. follow standard operating procedure to validate and diagnose faults in CNG kit components	1	3	-	1
PC5. report the defects/malfunctions if any, in the tools, equipment & CNG kit components to the concerned person for rectification	1	2	-	1
PC6. co-ordinate with the concerned vendor/supplier for the required CNG kit and its components, wherever applicable	1	2	-	1
Install and fit CNG Kit	12	22	-	7
PC7. use appropriate Personal Protective Equipment (PPE) for safe working in workshop	1	1	-	-
PC8. use appropriate fitting methods and perform fitting operations to fit the CNG kit in vehicle (i.e. 2/3/4 wheeler) as per SOP/WI	1	2	-	1
PC9. follow government norms while installing CNG kit in BS6 petrol vehicles	1	1	-	1
PC10. make holes/cuts on various surfaces such as metal sheet, plastic, fabric etc., to fit the CNG kit components in the vehicle	2	4	-	1









Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC11. remove dummy plugs, covers, old/damaged/defective parts etc. and clean the surrounding areas prior to installation of CNG kit components	1	2	-	1
PC12. make wiring connections as specified by the manufacturer to fit the electrical/electronic components of CNG Kit	2	5	-	2
PC13. assemble and secure all the components of the CNG Kit in vehicle in their correct positions by using appropriate assembly methods and techniques	2	5	-	1
PC14. fasten components permanently by using appropriate fasteners, screws etc. as per SOP	2	2	-	-
Perform post-installation activities	10	15	-	7
PC15. ensure correct calibration/tuning of engine after installation of CNG kit	1	2	-	-
PC16. ensure that all CNG kit components installed, fitted and functioning properly	1	2	-	1
PC17. perform road trial of vehicle to check CNG kit functioning and engine performance on both petrol and CNG modes	-	2	-	-
PC18. provide necessary information like features, functioning, precautions and maintenance requirements of CNG Kit to the customer	3	2	-	2
PC19. return leftover consumable/parts, tools/equipment etc. after completion of work	1	2	-	1
PC20. ensure that all the fitting and installation activities are completed before releasing the vehicle	-	1	-	1
PC21. dispose off packing wraps/box/covers and other material as per organization's policies	2	2	-	1
PC22. prepare and maintain documents and records related to the CNG Kit fitment in vehicle as per organizational procedures	2	2	-	1
NOS Total	30	50	-	20









National Occupational Standards (NOS) Parameters

NOS Code	ASC/N1448
NOS Name	Install and fit CNG Kit in the vehicle
Sector	Automotive
Sub-Sector	Automotive Vehicle Service
Occupation	Technical Service & Repair
NSQF Level	4
Credits	10
Version	2.0
Last Reviewed Date	18/02/2025
Next Review Date	18/02/2028
NSQC Clearance Date	18/02/2025

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) will be assigned marks proportional to its importance in NOS. SSC will also lay down the proportion of marks for Theory and Skills Practical for each PC.
- 2. The assessment for the theory part will be based on the knowledge bank of questions created by the SSC.
- 3. Assessment will be conducted for all compulsory NOS, and where applicable, on the selected elective/option NOS/set of NOS.
- 4. Individual assessment agencies will create unique question papers for the theory part for each candidate at each examination/training center (as per assessment criteria below).
- 5. Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/ training center based on these criteria.
- 6. In case of unsuccessful completion, the trainee may seek reassessment on the Qualification Pack.

Minimum Aggregate Passing % at QP Level: 70









(**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	-	20	100	15
DGT/VSQ/N0101.Employability Skills (30 Hours)	20	30	-	-	50	10
ASC/N1448.Install and fit CNG Kit in the vehicle	30	50	-	20	100	75
Total	100	110	-	40	250	100









Acronyms

NOS	National Occupational Standard(s)
NSQF	National Skills Qualifications Framework
QP	Qualifications Pack
TVET	Technical and Vocational Education and Training
PwD	Persons with Disability









Glossary

Sector	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.
Sub-sector	Sub-sector is derived from a further breakdown based on the characteristics and interests of its components.
Occupation	Occupation is a set of job roles, which perform similar/ related set of functions in an industry.
Job role	Job role defines a unique set of functions that together form a unique employment opportunity in an organisation.
Occupational Standards (OS)	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.
Performance Criteria (PC)	Performance Criteria (PC) are statements that together specify the standard of performance required when carrying out a task.
National Occupational Standards (NOS)	NOS are occupational standards which apply uniquely in the Indian context.
Qualifications Pack (QP)	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.
Unit Code	Unit code is a unique identifier for an Occupational Standard, which is denoted by an 'N'
Unit Title	Unit title gives a clear overall statement about what the incumbent should be able to do.
Description	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.
Scope	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.









Knowledge and Understanding (KU)	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.
Organisational Context	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.
Technical Knowledge	Technical knowledge is the specific knowledge needed to accomplish specific designated responsibilities.
Core Skills/ Generic Skills (GS)	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.
Electives	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.
Options	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.