



# End of Life Vehicle Dismantler

QP Code: ASC/Q1436

Version: 1.0

NSQF Level: 4

Automotive Skills Development Council || 153, Gr Floor, Okhla Industrial Area, Phase - III, Leela Building, New Delhi - 110020

## Contents

ASC/Q1436: End of Life Vehicle Dismantler .....	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
ASC/N9802: Interact effectively with colleagues, customers and others.....	11
ASC/N1458: Carry out activities to disassemble the end of vehicle.....	15
Assessment Guidelines and Weightage.....	22
<i>Assessment Guidelines</i> .....	22
<i>Assessment Weightage</i> .....	22
Acronyms .....	23
Glossary .....	24

## ASC/Q1436: End of Life Vehicle Dismantler

### Brief Job Description

The individual is responsible for the de-pollution, dismantling and segregation of the vehicle and its aggregate/components into specified categories which can then be placed into stock/bin as per SOP. He/She also move, clean and tag the vehicle parts to make them ready for store, transportation and resale purpose.

### Personal Attributes

An individual in this job must have good communication and interpersonal skills. The person should be patient, 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. [ASC/N9802: Interact effectively with colleagues, customers and others](#)
3. [ASC/N1458: Carry out activities to disassemble the end of vehicle](#)

### Qualification Pack (QP) Parameters

Sector	Automotive
Sub-Sector	Automotive Vehicle Service
Occupation	Technical Service and Repair
Country	India
NSQF Level	4
Aligned to NCO/ISCO/ISIC Code	NCO-2015/7213.0201
Minimum Educational Qualification & Experience	<p>10th Class + 2 years ITI (Mechanic Motor Vehicle/Diesel Mechanic/Mechanic Auto Electrical and Electronics)</p> <p>OR</p> <p>10th Class + 1 year ITI with 1 year of relevant experience</p> <p>OR</p> <p>10th Class pass with 2 years of relevant experience</p>

	<p>OR</p> <p>12th Class pass with 1 year of relevant experience</p> <p>OR</p> <p>Certificate-NSQF (Four Wheeler Service Assistant Level 3/Electric Vehicle Service Assistant Level 3) with 2 Years of relevant Experience</p>
<b>Minimum Level of Education for Training in School</b>	
<b>Pre-Requisite License or Training</b>	
<b>Minimum Job Entry Age</b>	18 Years
<b>Last Reviewed On</b>	28 <sup>th</sup> July 2022
<b>Next Review Date</b>	28 <sup>th</sup> July 2025
<b>NSQC Approval Date</b>	28 <sup>th</sup> July 2022
<b>Version</b>	1.0

## 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
<i>Maintain safe and secure working environment</i>	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
<i>Perform work as per quality standards</i>	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
<i>Health and hygiene</i>	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	-	-	-
<i>Material/energy conservation practices</i>	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	-	-	-
<i>Effective waste management practices</i>	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
<b>NOS Total</b>	<b>50</b>	<b>30</b>	<b>-</b>	<b>20</b>

## 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>	TBD
<b>Version</b>	1.0
<b>Last Reviewed Date</b>	28 <sup>th</sup> July 2022
<b>Next Review Date</b>	28 <sup>th</sup> July 2025
<b>NSQC Clearance Date</b>	28 <sup>th</sup> July 2022

## ASC/N9802: Interact effectively with colleagues, customers and others

### Description

This NOS unit is about communicating with customers and colleagues/superiors, either in own work group or in other work groups within organisation.

### Scope

The scope covers the following :

- Communicate effectively with colleagues, customers and others
- Interact with supervisor or superior

### Elements and Performance Criteria

#### *Communicate effectively with colleagues, customers and others*

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

- PC1. maintain clear communication with colleagues, customers and others, wherever needed, through all means i.e. face-to-face, telephonic or written
- PC2. adjust communication styles to reflect gender and persons with disability (PwD) sensitivity
- PC3. work in a way that shows respect for colleagues and others
- PC4. follow the organisation's policies and procedures while working in a team
- PC5. respect personal space of colleagues and customers

#### *Interact with supervisor or superior*

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

- PC6. identify work requirements by receiving instructions from reporting supervisor
- PC7. escalate problems to supervisors that cannot be handled including repairs and maintenance of machine
- PC8. report the completed work
- PC9. rectify errors as per feedback

### Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1. the importance of effective communication and establishing good working relationships with colleagues and supervisor
- KU2. different methods of communication as per the circumstances
- KU3. gender based concepts, issues and legislation

### Generic Skills (GS)

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

- GS1. read instructions/guidelines/procedures

- GS2. listen effectively and orally communicate information
- GS3. ask for clarification and advice from the concerned person
- GS4. maintain positive and effective relationships with colleagues and customers
- GS5. evaluate the possible solution(s) to the problem
- GS6. deliver consistent and reliable service to customers
- GS7. complete written work with attention to detail
- GS8. check that the work meets customer requirements

## Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Communicate effectively with colleagues, customers and others</i>	36	11	-	14
PC1. maintain clear communication with colleagues, customers and others, wherever needed, through all means i.e. face-to-face, telephonic or written	8	-	-	4
PC2. adjust communication styles to reflect gender and persons with disability (PwD) sensitivity	8	-	-	-
PC3. work in a way that shows respect for colleagues and others	7	4	-	3
PC4. follow the organisation's policies and procedures while working in a team	7	4	-	3
PC5. respect personal space of colleagues and customers	6	3	-	4
<i>Interact with supervisor or superior</i>	14	19	-	6
PC6. identify work requirements by receiving instructions from reporting supervisor	7	4	-	-
PC7. escalate problems to supervisors that cannot be handled including repairs and maintenance of machine	-	5	-	3
PC8. report the completed work	7	5	-	-
PC9. rectify errors as per feedback	-	5	-	3
<b>NOS Total</b>	<b>50</b>	<b>30</b>	<b>-</b>	<b>20</b>

## National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	ASC/N9802
<b>NOS Name</b>	Interact effectively with colleagues, customers and others
<b>Sector</b>	Automotive
<b>Sub-Sector</b>	Generic
<b>Occupation</b>	Generic
<b>NSQF Level</b>	3
<b>Credits</b>	TBD
<b>Version</b>	1.0
<b>Last Reviewed Date</b>	28 <sup>th</sup> July 2022
<b>Next Review Date</b>	28 <sup>th</sup> July 2025
<b>NSQC Clearance Date</b>	28 <sup>th</sup> July 2022

## ASC/N1458: Carry out activities to dismantle the end of vehicle

### Description

This NOS unit is about carrying out dismantling and segregation of various parts/aggregates i.e. engines, transmission systems, electrical components, wheels, brakes, and other parts of End-of-Life vehicles into specified categories by complying with all Environmental Protection Authority and state regulators for gases and hazardous material disposal.

### Scope

The scope covers the following:

- Prepare for depollution and dismantling of End-of-Life vehicle
- Perform depollution and dismantling of the vehicle
- Perform post dismantling activities

### Elements and Performance Criteria

#### *Prepare for depollution and dismantling of End-of-Life vehicle*

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

- PC1. identify the auto components related to the various aggregates in the vehicle
- PC2. recognize Electric and Hybrid vehicles and High Voltage Electrical systems and their specifications for safe handling of the End-of-life vehicle
- PC3. park the vehicle on a suitable platform
- PC4. collect hand tools, drain pans, workshop equipment, and other special tools required for the job and check their condition/calibration
- PC5. prepare the vehicle according to the nature of the job to be performed i.e. inspection, depollution and disassembling etc.
- PC6. report the malfunctions if any, in the tools/equipment to the person concerned for rectification
- PC7. wear PPE according to the nature of the job to be performed on the vehicle
- PC8. conduct visual inspection of the vehicle for leaks from engines, radiators, transmissions, differentials, fuel tanks, and damaged areas.
- PC9. determine the vehicle parts and material as hazardous waste, reusable, recyclable and disposable

#### *Perform depollution and dismantling of End-of-Life vehicle*

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

- PC10. report the malfunctions/repairs in the vehicle beyond own scope to the concerned person
- PC11. take precautions to avoid damage to the vehicle and its components while working on the various mechanical, electrical or High voltage electrical systems of the vehicle
- PC12. use workshop hand tools/power tools/equipment required for the job as per OEM Standard Operating Procedure (SOP)
- PC13. follow SOP to perform depollution operations and drain vehicle fluids (oil, brake fluid, steering fluid, antifreeze, fuel, refrigerant, etc.), remove the battery, filters, catalyst, wheel balancing weight, parts identified as containing mercury, etc.

- PC14. store or dispose various liquid/fluids recovered from the vehicle according to the environmental and organisational storage and disposal guidelines
- PC15. assess vehicle's pyrotechnic devices and deploy using a suitable procedure or remove them for subsequent neutralisation
- PC16. disassemble the vehicle by removing engines, transmission systems, batteries, electrical components, wheels, brakes, and body parts such as doors hood bumpers, windows, seats, etc.
- PC17. carry out the inspection to segregate the components and material further with respect to hazardous waste, reuse, recycle, and dispose

#### *Perform post dismantling activities*

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

- PC18. check the condition of removed spare parts/aggregate post disassembly and report to the supervisor if further inspection/cleaning is required, so that parts are ready for resale
- PC19. Fix tag/label on the spare parts for inventory or shipment and record the vehicle and components detail such as make, model, type, etc.
- PC20. ensure clean up the spill if any and restore the workstation
- PC21. use pallet truck or crane to move mechanical or body parts to the desired storage/scrap location
- PC22. place the components at pre-defined location safely as per storage guideline
- PC23. maintain the documentation related to depollution, dismantling work performed on the End of Life vehicle
- PC24. perform scheduled checks, calibration, timely repairs for workshop tools, equipment and workstations

### **Knowledge and Understanding (KU)**

The individual on the job needs to know and understand:

- KU1. about the Automotive Industry in India, structure and role and responsibilities of different people in the workshop
- KU2. SOPs regarding receiving vehicles, allocation of work, depollution, disassembly of the vehicle, storage of the components, handling hazardous waste, etc.
- KU3. different components/aggregates as well as auto component manufacturer's specifications
- KU4. basic technology used and functioning of various mechanical, electrical, and electronic systems of the vehicle such as engine, transmission, brake, suspension, alternator, starter, battery, air-conditioning, DC/DC converters, AC motor, DC motor, etc.
- KU5. various sources of information available for assessing the vehicle or components functioning by visual inspections or performance test or measurement as per vehicle/equipment manufacturer's specifications, SOP etc.
- KU6. safety precautions for equipment and components prescribed by the OEM such as preventing/dealing with oil spillage and inflammable materials
- KU7. types of errors or defects in the tools/equipment
- KU8. faults and failures in engine, allied aggregates (including electrical and mechanical systems) and other related units
- KU9. importance of proper storage and disposal of failed components such as battery, used oil, non-deployed airbag, use oil, lubricant, fluid, refrigerant, etc. in accordance with safety,



health and environmental policies and regulations

- KU10. symptoms that necessitate replacement of parts/aggregates post dismantling
- KU11. safety, health and environmental policies and regulations for the work place as well as for automotive trade in general and Regulations on End-of-Life Vehicles
- KU12. documentation required on the job including worksheets, component labeling, inventory records, etc.
- KU13. organisational and professional code of ethics and standards of practice
- KU14. SOPs for routine maintenance, of the workstation and equipment
- KU15. identification codes, the nomenclature of various components and aggregates in a vehicle
- KU16. SOP recommended by OEM for using tools and equipment including use of special service tools, measuring instruments, testing equipment, dedicated and computer based diagnostic equipment, etc.
- KU18. typical causes and symptoms of operational faults and failures of a vehicle which are related to poor performance or validate faulty component such as leak, bend, worn out, service limit, crack, cut, broken excessive noise etc.
- KU19. the right materials for the job such as lubricants, seals, sealants, fittings, gaskets, joints, fasteners, etc.
- KU20. how to inspect the machined components or any other repair done from an outside source/local machining garages on the various engine aggregates (like machining of cylinder head, cylinder block)
- KU21. corrective action to be taken for common faults and failures in engine, allied aggregate and related systems
- KU22. working knowledge of computer

## Generic Skills (GS)

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

- GS1. read and interpret workplace related documentation
- GS2. communicate using terms, names, grades and other nomenclature pertaining to the automotive trade
- GS3. analyse and apply the information gathered from observation, experience, reasoning or communication to act efficiently
- GS4. identify potential workplace problem and take suitable action
- GS5. read various sources of information available for assessing service and repair requirements
- GS6. write in English/regional language
- GS7. read policies and regulations pertinent to the job, including OEM guidelines, Health and Safety instructions etc. while working on the engine and its aggregates
- GS8. clearly communicate workplace information and ideas with workplace colleagues (verbal and non-verbal)
- GS9. analyse information and evaluate results to choose the appropriate solution and solve problems
- GS10. plan work according to the required schedule and location

## Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<b>Prepare for depollution and dismantling of End-of-Life vehicle</b>	10	20		8
PC1. identify the auto components related to the various aggregates in the vehicle	1	2		1
PC2. recognize the type of vehicle i.e. Electric/ Hybrid/ petrol /CNG/ Diesel vehicles and High Voltage Electrical systems and their specifications for safe handling of the End-of-life vehicle	1	2		1
PC3. park the vehicle on a suitable platform		3		
PC4. collect hand tools, drain pans, workshop equipment, and other special tools required for the job and check their condition/calibration	2	2		2
PC5. prepare the vehicle according to the nature of the job to be performed i.e. inspection, de-pollution and disassembling etc.	2	2		1
PC6. report the malfunctions if any, in the tools/equipment to the person concerned for rectification		3		1
PC7. wear PPE according to the nature the of job to be performed on the vehicle	2	2		1
PC8. conduct visual inspection of the vehicle for any leaks from engines, radiators, transmissions, differentials, fuel tanks, and damaged areas	2	4		1
<b>Perform depollution and dismantling of End-of-Life vehicle</b>	12	20		8
PC9. report the malfunctions/repairs in the vehicle beyond own scope to the concerned person	1	1		1
PC10. take precautions to avoid damage to the vehicle and its components while working on the various mechanical, electrical or High voltage electrical systems of the vehicle	1	2		1
PC11. use workshop hand tools/power tools/equipment required for the job as per OEM Standard Operating Procedure (SOP)	2	2		1

PC12. perform depollution operations and drain vehicle fluids (oil, brake fluid, steering fluid, antifreeze, fuel, refrigerant, etc.), remove the battery, filters, catalyst, wheel balancing weight, parts identified as containing mercury, etc. by following SOP/WI	2	4		1
PC13. store or dispose various liquid/fluids recovered from the vehicle according to the environmental and organisational storage and disposal guidelines	1	3		1
PC14. assess vehicle's pyrotechnic devices and remove them for subsequent neutralisation by following SOP	1	2		1
PC15. disassemble the vehicle components by removing engines, transmission systems, batteries, electrical components, wheels, brakes, and body parts such as doors hood bumpers, windows, seats, etc. by following SOP	2	4		1
PC16. carry out inspection to segregate the components and material into specified categories such as hazardous waste, reuse, recycle and disposable waste as per organisational guidelines	2	2		1
<b>Perform post dismantling activities</b>	8	10		4
PC17. check the condition of removed spare parts/aggregate post disassembly and report to the supervisor if further inspection/cleaning is required, so that parts are ready for resale	2	2		1
PC18. fix tag/label on the spare parts for inventory or shipment and record the vehicle and components detail such as make, model, type, etc. as per organisational guidelines	1	1		
PC19. ensure clean up the spill if any and restore the workstation after completion of work	1	1		
PC20. use pallet truck or crane to move mechanical or body parts to the desired storage/scrap location	1	1		
PC21. place the components safely at pre-defined location in the store as per storage guidelines	1	2		1
PC22. maintain the documentation related to depollution, dismantling work performed on the End of Life vehicle	1	2		1
PC23. perform scheduled checks, calibration, timely repairs for workshop tools, equipment and workstations	1	1		1
<b>NOS Total</b>	<b>30</b>	<b>50</b>		<b>20</b>

## National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	ASC/N1458
<b>NOS Name</b>	Carry out activities to dismantle the end of vehicle
<b>Sector</b>	Automotive
<b>Sub-Sector</b>	Service
<b>Occupation</b>	Technical Service & Repair
<b>NSQF Level</b>	4
<b>Credits</b>	TBD
<b>Version</b>	1.0
<b>Last Reviewed Date</b>	28 <sup>th</sup> July, 2022
<b>Next Review Date</b>	28 <sup>th</sup> July, 2025
<b>NSQC Clearance Date</b>	28 <sup>th</sup> July, 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

### 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	0	20	100	15
ASC/N9802: Interact effectively with colleagues, customers and others	50	30	-	20	100	10
ASC/N1458. Carry out activities to dismantle the end of vehicle	30	50	-	20	100	25
<b>Total</b>	<b>130</b>	<b>110</b>	<b>-</b>	<b>60</b>	<b>300</b>	<b>100</b>

## 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>AMC</b>	Annual Maintenance Contract
<b>PPE</b>	Personal Protective Equipment
<b>ERP</b>	Enterprise Resource Planning
<b>PM</b>	Predictive Maintenance
<b>QMS</b>	Quality Management System
<b>TOPS</b>	Team Oriented Problem Solving
<b>QMS</b>	Quality Management System
<b>CFT</b>	Complement Fixation Test

## 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.
<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.



