



Automotive Product Testing Technician

QP Code: ASC/Q8407

Version: 1.0

NSQF Level: 4

Automotive Skills Development Council || 153, GF, Okhla Industrial Area, Phase 3
New Delhi 110020

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ASC/Q8407: Automotive Product Testing Technician

Brief Job Description

The individual in this job is responsible for conducting various types of tests on the vehicle inside the laboratory as well as on the road.

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/N9803: Organize work and resources \(Manufacturing\)](#)
2. [ASC/N9802: Interact effectively with colleagues, customers and others](#)
3. [ASC/N8412: Perform testing of vehicle](#)

Qualification Pack (QP) Parameters

Sector	Automotive
Sub-Sector	Research & Development
Occupation	Automotive Product Testing and Validation
Country	India
NSQF Level	4
Aligned to NCO/ISCO/ISIC Code	NCO-2015/7231.0201
Minimum Educational Qualification & Experience	10th Class + 2 years I.T.I (Fitter/Mechanic Motor Vehicle/Diesel Mechanic) OR 12th Class Pass with 1 year relevant experience OR 3 years Diploma (Mechanical/Automobile) (after 10th Class) from recognized regulatory body

Minimum Level of Education for Training in School	
Pre-Requisite License or Training	NA
Minimum Job Entry Age	18 Years
Last Reviewed On	28/04/2022
Next Review Date	28/04/2025
NSQC Approval Date	28/04/2022
Version	1.0

ASC/N9803: Organize work and resources (Manufacturing)

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
- Health and hygiene
- Perform work as per quality standards
- Effective waste management practices
- Material/energy conservation 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. identify hazardous activities and the possible causes of risks or accidents in the workplace
PC2. follow safe working practices while dealing with hazards to ensure safety of self and others
PC3. carry out routine check of the machine for identifying potential hazards
PC4. use appropriate protective clothing/equipment for specific tasks and work
PC5. follow safety hazards and preventive techniques during fire drill
PC6. report any identified breaches in health, safety and security policies and procedures to the designated person

Health and hygiene

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

- PC7. ensure workstation and equipment are regularly clean and sanitized
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

Perform work as per quality standards

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

- PC13. ensure that work is accomplished as per the requirements within the specified timeline
PC14. ensure team goals are given preference over individual goals

Effective waste management practices

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

- PC15. follow the fundamentals of 5S for waste management
PC16. segregate waste into different categories

PC17. follow processes specified for disposal of hazardous waste

PC18. identify recyclable, non-recyclable and hazardous waste

PC19. dispose non-recyclable, recyclable and reusable waste appropriately at identified location

Material/energy conservation practices

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

PC20. identify ways to optimize usage of material in various tasks/activities/processes

PC21. check for spills/leakages in various tasks/activities/processes

PC22. plug spills/leakages and escalate to appropriate authority if unable to rectify

PC23. check if the equipment/machine is functioning normally before commencing work and rectify wherever required

PC24. report malfunctioning (fumes/ sparks/emission/vibration/noise) and lapse in maintenance of equipment

PC25. ensure electrical equipment and appliances are properly connected and turned off when not in use

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

KU1. organisation procedures for health, safety and security, individual role and responsibilities in this context

KU2. the organisation's 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. preventative and remedial actions to be taken in case of exposure to toxic material

KU7. various types of fire extinguisher

KU8. various types of safety signs and their meaning

KU9. appropriate first aid treatment relevant to different condition e.g. bleeding, minor burns, eye injuries etc.

KU10. relevant standards, procedures and policies related to 5S followed in the company

KU11. the various materials used and their storage norms

KU12. efficient utilisation of material and water

KU13. basics of electricity and prevalent energy efficient devices

KU14. common practices of conserving electricity

KU15. common sources and ways to minimize pollution

KU16. categorisation of waste into dry, wet, recyclable, non-recyclable and items of single-use plastics

KU17. usage of different colors of dustbins

KU18. waste management techniques

KU19. significance of greening

Generic Skills (GS)

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

- GS1. read safety instructions/guidelines
- GS2. modify work practices to improve them
- GS3. ask for clarifications from superior about the job requirement
- GS4. work with supervisors/team members to carry out work related tasks
- GS5. complete tasks efficiently and accurately within stipulated time
- GS6. inform/report to concerned person in case of any problem
- GS7. make timely decisions for efficient utilization of resources
- GS8. write reports such as accident report, in at least English/regional language
- GS9. be punctual and utilize time efficiently

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Maintain safe and secure working environment</i>	11	5	-	7
PC1. identify hazardous activities and the possible causes of risks or accidents in the workplace	2	1	-	2
PC2. follow safe working practices while dealing with hazards to ensure safety of self and others	2	-	-	1
PC3. carry out routine check of the machine for identifying potential hazards	2	1	-	1
PC4. use appropriate protective clothing/equipment for specific tasks and work	2	1	-	1
PC5. follow safety hazards and preventive techniques during fire drill	2	1	-	1
PC6. report any identified breaches in health, safety and security policies and procedures to the designated person	1	1	-	1
<i>Health and hygiene</i>	7	5	-	2
PC7. ensure workstation and equipment are regularly clean and sanitized	2	2	-	1
PC8. clean hands with soap, alcohol-based sanitizer regularly	1	1	-	1
PC9. avoid contact with ill people and self-isolate in a similar situation	1	-	-	-
PC10. wear and dispose PPEs regularly and appropriately	1	-	-	-
PC11. report advanced hygiene and sanitation issues to appropriate authority	1	1	-	-
PC12. follow stress and anxiety management techniques	1	1	-	-
<i>Perform work as per quality standards</i>	5	3	-	2
PC13. ensure that work is accomplished as per the requirements within the specified timeline	2	2	-	1

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC14. ensure team goals are given preference over individual goals	3	1	-	1
<i>Effective waste management practices</i>	15	10	-	4
PC15. follow the fundamentals of 5S for waste management	3	2	-	1
PC16. segregate waste into different categories	2	1	-	-
PC17. follow processes specified for disposal of hazardous waste	2	2	-	1
PC18. identify recyclable, non-recyclable and hazardous waste	4	2	-	1
PC19. dispose non-recyclable, recyclable and reusable waste appropriately at identified location	4	3	-	1
<i>Material/energy conservation practices</i>	12	7	-	5
PC20. identify ways to optimize usage of material in various tasks/activities/processes	2	1	-	1
PC21. check for spills/leakages in various tasks/activities/processes	2	1	-	1
PC22. plug spills/leakages and escalate to appropriate authority if unable to rectify	2	1	-	-
PC23. check if the equipment/machine is functioning normally before commencing work and rectify wherever required	2	2	-	1
PC24. report malfunctioning (fumes/sparks/emission/vibration/noise) and lapse in maintenance of equipment	2	1	-	1
PC25. ensure electrical equipment and appliances are properly connected and turned off when not in use	2	1	-	1
NOS Total	50	30	-	20

National Occupational Standards (NOS) Parameters

NOS Code	ASC/N9803
NOS Name	Organize work and resources (Manufacturing)
Sector	Automotive
Sub-Sector	Generic
Occupation	Generic
NSQF Level	4
Credits	TBD
Version	1.0
Last Reviewed Date	28/04/2022
Next Review Date	28/04/2025
NSQC Clearance Date	28/04/2022

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
NOS Total	50	30	-	20

National Occupational Standards (NOS) Parameters

NOS Code	ASC/N9802
NOS Name	Interact effectively with colleagues, customers and others
Sector	Automotive
Sub-Sector	Generic
Occupation	Generic
NSQF Level	4
Credits	TBD
Version	1.0
Last Reviewed Date	28/04/2022
Next Review Date	28/04/2025
NSQC Clearance Date	28/04/2022

ASC/N8401: Perform testing of vehicle

Description

This NOS is about performing various tests of an automobile and its aggregates in various system evaluation laboratories and on road

Scope

The scope covers the following :

- Prepare for testing process
- Perform inspection and repairing of vehicle and its components
- Test vehicle and its components for faults in laboratory
- Conduct testing of vehicle under running condition
- Perform post-testing activities

Elements and Performance Criteria

Prepare for testing process

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

- PC1. interpret the vehicle drawings, testing sheet and coordinate with the superior for confirming the testing tasks and type of tests required to be conducted on the component or on the vehicle
- PC2. identify, select and arrange the lifting equipment, testing equipment, measuring instruments, gauges, parts etc. required during the testing process
- PC3. check the lifting equipment, tools, gauges and testing apparatus for defects and calibration status before use
- PC4. ensure that tools, gauges and testing apparatus are cleaned properly and free from any dust and impurities
- PC5. identify the testing parameters which need to be measured during the test procedure
- PC6. lift the auto component and sub-assemblies manually or by hoist and place the same securely on the designated testing platforms/benches as per the work instructions

Perform inspection and repairing of vehicle and its components

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

- PC7. follow safety practices recommended by organisation during the inspection and testing process
- PC8. conduct test drive to assess the need for repairs, calibration or any other adjustments in the components of the vehicle
- PC9. dismantle and reassemble aggregates of vehicle for fault diagnosis as per the Drawing/Standard Operating Procedure/Work Instruction
- PC10. conduct visual inspection of the bundled wiring, circuits, Integrated Circuits (IC's), Printed Circuit Boards (PCB's), wiring harnesses etc. for wear and tear, damage etc.
- PC11. calibrate, align and adjust the settings of vehicle components as per the SOP and organisational standards
- PC12. ensure part clearances as specified in the Work Instructions (WI)/Standard Operating Processes (SOP)

Test vehicle and its components for faults in laboratory

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

- PC13. set the test apparatus as per the selected testing process and SOPs/WI
- PC14. connect the various data capturing meters and gauges such as load cells, strain gauges, other servo hydraulics machines, data collection systems and data loggers to capture the stress levels and other data points
- PC15. check the working of the test apparatus post-connecting the test component/ vehicle to ensure error free testing activity
- PC16. diagnose faults in the various sensors, actuators, power supply lines, electrical and electronic circuits and aggregates etc. in the vehicle by following senior's instructions
- PC17. conduct various tests such as durability tests, fatigue test, stress test, short circuit/open circuit test etc. under the supervision of the test supervisor
- PC18. record observations/ readings as per the parameters mentioned in the testing manual/Work Instructions
- PC19. make minor modification in test setup/vehicle/component under testing to take reading under different scenarios as per the requirement
- PC20. observe any deviations, noise or vibrations during the testing process and inform the test supervisor about the same
- PC21. change or repair the vehicle components as per requirement

Conduct testing of vehicle under running condition

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

- PC22. check fuel level, oil/ lubricant level, cooling water level, tyre pressure etc. before starting the on road testing of the vehicle prototype as per the checklist and testing manual
- PC23. check working of all the safety features and system warning indicators showing system failures, loose connections, malfunctioning, etc. of vehicle as per the vehicle safety check list and testing manual

Perform post-testing activities

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

- PC24. maintain and update the records test results, data log etc. as per SOP
- PC25. report the malfunctions/repairs in the vehicle beyond own scope to the concerned person
- PC26. clean and store the tools, equipment and process auxiliaries as per organisational guidelines after completion of work
- PC27. dispose of scrap or waste material in accordance with the company policies and environmental regulations
- PC28. perform scheduled checks, maintenance, calibration and timely repairs for workshop tools, equipment and workstations

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1. company's inspection and testing standards and processes
- KU2. different components/aggregates as well as auto component manufacturer's specifications for the same
- KU3. basic technology used in and functioning of various systems and components of the vehicle

- KU4. Standard Operating Procedures (SOP) recommended by OEM for using testing equipment, tools, gauges and measuring instruments
- KU5. symbols, units and terms used in wiring diagrams associated with electrical/electric systems/components of the vehicle
- KU6. various sources of information available for assessing service and repair requirements of the vehicle including diagnostic displays, visual inspections, test drives, vehicle/equipment manufacturer specifications, and tolerance limits of components
- KU7. various assembly operations and methods
- KU8. the impact of various physical parameters like torqueing and tightening on the properties of final output product like durability, surface finish, part movement, aesthetics etc.
- KU9. typical symptoms of common faults and failures in vehicle mechanical, electrical and electronic systems
- KU10. safety, health and environmental policies and regulations for the work place as well as for automotive trade in general
- KU11. various methods for removal, dismantling, cleaning, adjusting, reassembling and testing of components for proper functioning
- KU12. process for setting up of test benches, test platforms and test apparatus
- KU13. mandatory checks need to be conducted on the vehicle before trial run
- KU14. different parameters used to evaluate the performance of the automobile
- KU15. how to read and interpret sketches and engineering drawings
- KU16. various defects related to running automobiles and potential impact on the working of the final vehicle
- KU17. various sources of noise and vibrations in the vehicle and potential causes of the noise and vibrations
- KU18. mandatory checks which need to be conducted on the vehicle before trial run
- KU19. various types of tests like durability tests, fatigue test, stress test, short circuit/open circuit test etc.
- KU20. how to set components undergoing repeated vibrations and subjecting to frequent stresses like fuel tank

Generic Skills (GS)

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

- GS1. read and interpret workplace related documentation
- GS2. read policies and regulations pertinent to the job, including OEM guidelines, Health and Safety instructions etc.
- GS3. communicate effectively at the workplace
- GS4. prepare reports related to inspection and testing process in English/regional language
- GS5. recognise a workplace problem and take suitable action
- GS6. analyse and apply the information gathered from observation, experience, reasoning or communication to act efficiently
- GS7. complete the assigned tasks as per schedule
- GS8. plan and organise work according to the work requirements

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Prepare for testing process</i>	7	12	-	5
PC1. interpret the vehicle drawings, testing sheet and coordinate with the superior for confirming the testing tasks and type of tests required to be conducted on the component or on the vehicle	2	2	-	1
PC2. identify, select and arrange the lifting equipment, testing equipment, measuring instruments, gauges, parts etc. required during the testing process	2	1	-	1
PC3. check the lifting equipment, tools, gauges and testing apparatus for defects and calibration status before use	-	2	-	1
PC4. ensure that tools, gauges and testing apparatus are cleaned properly and free from any dust and impurities	1	3	-	1
PC5. identify the testing parameters which need to be measured during the test procedure	1	2	-	1
PC6. lift the auto component and sub-assemblies manually or by hoist and place the same securely on the designated testing platforms/benches as per the work instructions	1	2	-	-
<i>Perform inspection and repairing of vehicle and its components</i>	6	10	-	4
PC7. follow safety practices recommended by organisation during the inspection and testing process	1	1	-	1
PC8. conduct test drive to assess the need for repairs, calibration or any other adjustments in the components of the vehicle	1	2	-	1
PC9. dismantle and reassemble aggregates of vehicle for fault diagnosis as per the Drawing/Standard Operating Procedure/Work Instruction	1	2	-	1

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC10. conduct visual inspection of the bundled wiring, circuits, Integrated Circuits (IC's), Printed Circuit Boards (PCB's), wiring harnesses etc. for wear and tear, damage etc.	1	2	-	1
PC11. calibrate, align and adjust the settings of vehicle components as per the SOP and organisational standards	1	1	-	-
PC12. ensure part clearances as specified in the Work Instructions (WI)/Standard Operating Processes (SOP)	1	2	-	-
<i>Test vehicle and its components for faults in laboratory</i>	9	16	-	5
PC13. set the test apparatus as per the selected testing process and SOPs/WI	1	2	-	-
PC14. connect the various data capturing meters and gauges such as load cells, strain gauges, other servo hydraulics machines, data collection systems and data loggers to capture the stress levels and other data points	1	1	-	1
PC15. check the working of the test apparatus post-connecting the test component/ vehicle to ensure error free testing activity	1	2	-	1
PC16. diagnose faults in the various sensors, actuators, power supply lines, electrical and electronic circuits and aggregates etc. in the vehicle by following senior's instructions	1	2	-	1
PC17. conduct various tests such as durability tests, fatigue test, stress test, short circuit/open circuit test etc. under the supervision of the test supervisor	1	2	-	1
PC18. record observations/ readings as per the parameters mentioned in the testing manual/Work Instructions	1	2	-	1
PC19. make minor modification in test setup/vehicle/component under testing to take reading under different scenarios as per the requirement	1	2	-	-
PC20. observe any deviations, noise or vibrations during the testing process and inform the test supervisor about the same	1	1	-	-

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC21. change or repair the vehicle components as per requirement	1	2	-	-
<i>Conduct testing of vehicle under running condition</i>	2	4	-	2
PC22. check fuel level, oil/ lubricant level, cooling water level, tyre pressure etc. before starting the on road testing of the vehicle prototype as per the checklist and testing manual	1	2	-	1
PC23. check working of all the safety features and system warning indicators showing system failures, loose connections, malfunctioning, etc. of vehicle as per the vehicle safety check list and testing manual	1	2	-	1
<i>Perform post-testing activities</i>	6	8	-	4
PC24. maintain and update the records test results, data log etc. as per SOP	1	2	-	1
PC25. report the malfunctions/repairs in the vehicle beyond own scope to the concerned person	1	1	-	1
PC26. clean and store the tools, equipment and process auxiliaries as per organisational guidelines after completion of work	1	2	-	1
PC27. dispose of scrap or waste material in accordance with the company policies and environmental regulations	1	1	-	1
PC28. perform scheduled checks, maintenance, calibration and timely repairs for workshop tools, equipment and workstations	2	2	-	-
NOS Total	30	50	-	20

National Occupational Standards (NOS) Parameters

NOS Code	ASC/N8401
NOS Name	Perform testing of vehicle
Sector	Automotive
Sub-Sector	Research & Development
Occupation	Automotive Product Testing and Validation
NSQF Level	4
Credits	TBD
Version	1.0
Last Reviewed Date	28/04/2022
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NSQC Clearance Date	28/04/2022

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) 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/N9803.Organize work and resources (Manufacturing)	50	30	-	20	100	15
ASC/N9802.Interact effectively with colleagues, customers and others	50	30	-	20	100	10
ASC/N8401.Perform testing of vehicle	30	50	-	20	100	75
Total	130	110	-	60	300	100

Acronyms

NOS	National Occupational Standard(s)
NSQF	National Skills Qualifications Framework
QP	Qualifications Pack
TVET	Technical and Vocational Education and Training
PPE	Personal Protective Equipment
PwD	Person with Disability
SOP	Standard Operating Practices
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.