Electric Vehicle Quality Control Inspector

QP Code: ASC/Q6307

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/Q6307: Electric Vehicle Quality Control Inspector 3
Brief Job Description 3
Applicable National Occupational Standards (NOS) 3
Compulsory NOS 3
Qualification Pack (QP) Parameters 3
ASC/N9803: Organize work and resources (Manufacturing) 5
ASC/N9802: Interact effectively with colleagues, customers and others 11
ASC/N6313: Inspect and maintain the electric vehicle (EV) parts and process quality and implement corrective actions 15
Assessment Guidelines and Weightage 20
Assessment Guidelines 20
Assessment Weightage 21
Acronyms 22
Glossary 23

ASC/Q6307: Electric Vehicle Quality Control Inspector

Brief Job Description

The individual is responsible for conducting inspection and maintaining quality of the manufactured automotive products and related processes to deliver high quality products to customers.

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/N6313: Inspect and maintain the electric vehicle (EV) parts and process quality and implement corrective actions

Qualification Pack (QP) Parameters

Sector	Automotive
Sub-Sector	Manufacturing
Occupation	Automotive Quality Assurance
Country	India
NSQF Level	4
Aligned to NCO/ISCO/ISIC Code	NCO-2015/3139.5001
Minimum Educational Qualification & Experience	8th Class + 2 years ITI with 2 years of relevant experience OR 10th Class pass with 2 years of relevant experience OR 10th Class + 2 years ITI

	OR 12th Class with 1 Year of experience OR Certificate-NSQF (Automotive Quality Control Assistant Level 3) with 2 Years of relevant experience
Minimum Level of Education for Training in School	
Pre-Requisite License or Training	NA
Minimum Job Entry Age	18 Years
Last Reviewed On	25/11/2021
Next Review Date	25/11/2024
NSQC Approval Date	25/11/2021
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
Maintain safe and secure working environment	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
Health and hygiene	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	-	-
Perform work as per quality standards	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
Effective waste management practices	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
Material/energy conservation practices	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	25/11/2021
Next Review Date	25/11/2024
NSQC Clearance Date	25/11/2021

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
Communicate effectively with colleagues, customers and others	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
Interact with supervisor or superior	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	25/11/2021
Next Review Date	25/11/2024
NSQC Clearance Date	25/11/2021

ASC/N6313: Inspect and maintain the electric vehicle (EV) parts and process quality and implement corrective actions

Description

This NOS unit is about inspecting and maintaining the quality of the parts and processes involved in manufacturing an electric vehicle (EV).

Scope

The scope covers the following :

- Preparing for inspection process
- Perform inspection process
- Coordinate with the team and line incharge/supervisor

Elements and Performance Criteria

Preparing for inspection process

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

PC1. interpret the inspection check sheet and coordinate with the superior for confirming inspection tasks and quality check criteria of parts and processes involved in manufacturing of EV based on the defined standards

PC2. identify and arrange testing equipment, measuring instruments, gauges, parts etc. required during the quality inspection process

PC3. ensure that tools, gauges and measuring instruments to be used for inspection process are calibrated

Perform inspection process

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

PC4. follow safety practices recommended by organisation during quality inspection process

PC5. conduct the visual inspection of EV parts or products for any scratches, dents, damages, packing etc. as per the norms and quality standards

PC6. conduct the dimensional and functional check of EV parts or products by using inspection and measuring instrument and gasuges such as vernier caliper, bore gauge, Go/NOGO gauge, micrometer etc.

PC7. judge the part or product through a reference for feel, touch, sound, smell, etc. if the measurement is not possible

PC8. maintain and preserve the tested samples to track the inspection history of teste EV parts or products and use it as defect/limit samples

PC9. ensure that the sticker/number/label is placed on the inspected automotive part or product

PC10. conduct inspection of EV manufacturing related processes to verify the process control items by using pressure gauge, temperature gauge, voltmeter/ ammeter etc.

PC11. use Statistical Process Control (SPC) to measure and control the quality during the EV manufacturing process

PC12. prepare first-off inspection report by referring to process inspection standard/process parameter sheet/control plan

PC13. record the observations of the inspection and update the reports such as inspection report, charts in graphical pattern and other documents, manually or electronically as per the SOP

PC14. raise a scrap note and ensure that scrapped part or product in the scrap yard is disposed-off as per the organisational specified procedure

Co-ordinate with the team, and line incharge/supervisor

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

PC15. work as a CFT member of the team formed for problem solving and corrective actions pertaining to the EV products handled

PC16. collect data related to the problems identified during inspection process, analyse it with the team and identify the corrective actions for clearing the discrepancies

PC17. coordinate with the respective process line leader/supervisor and give suggestions to seniors for appropriate action based on findings of the inspection report of EV manufacturing process

PC18. implement corrective action for discrepancies identified in the inspection report

PC19. coordinate with the team and identify opportunities for improvements in productivity, quality, cost, safety and morale in the manufacturing of EV

PC20. verify the daily check items for e.g. battery functioning, fixture condition etc.

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

KU1. company's quality inspection standards and processes

KU2. different types of EVs manufactured by the company

KU3. different components/aggregates as well as auto component manufacturer's specifications for the same

KU4. basic technology used in and functioning of various systems and components of the vehicle such as batteries, body management system, telematics, brake system, air-conditioning systems, active & passive safety system, media and other systems (including electrical machines and devices used in electric vehicles such as: generator, Direct Current (DC)/Electric Charge (AC) and DC/DC converters, AC motor, DC motor, charging systems etc.)

KU5. interconnection of systems with each other and effect of one system on other system

KU6. fundamental terms, laws and principles of electricity used in EV such as: principles of storing electrical voltage, ohms law, voltage, current (AC/DC/HV), resistance, power, capacitance, electrostatics, magnetic, inductance, discrete electronic components, radio frequency, automotive communication protocols such as CAN, LIN, etc.

KU7. symbols, units and terms used in wiring diagrams associated with electrical/electric systems/ components of the vehicle

KU8. legal regulations that need to be taken into account for handling electric vehicles in the workshop

KU9. classification of measuring instruments such as direct/indirect, precision/non-precision etc.

KU10. Standard Operating Procedures (SOP) recommended by OEM for using testing equipment, gauges and measuring instruments such as vernier, Micrometers, height gauge, surface plate, etc.

KU11. QMS system guidelines followed in the organization such as IATF-16949

KU12. how to check the calibration of measuring instruments, gauges etc.

KU13. manufacturing process being followed for each product
KU14. inspection checkpoints for the parts, product and process
KU15. documentation required regarding quality inspection process
KU16. basic operation of software such as SAP, ERP etc.
KU17. use of appropriate PPE, material handling equipment and tools for completing the inspection tasks
KU18. problem solving & analysis tools like 8Ds, five why analysis etc.
KU19. Root Cause Analysis (RCA) techniques

Generic Skills (GS)

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

GS1. read quality process related standard documents
GS2. communicate the inspection activities requirements to the supervisor and co-workers
GS3. recognise a workplace problem and take suitable action
GS4. analyse and apply the information gathered from observation, experience, reasoning or communication to act efficiently
GS5. plan and organise work as per the work requirements
GS6. complete the assigned tasks as per schedule

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
Preparing for inspection process	7	8	-	4
PC1. interpret the inspection check sheet and coordinate with the superior for confirming inspection tasks and quality check criteria of parts and processes involved in manufacturing of EV based on the defined standards	2	2	-	2
PC2. identify and arrange testing equipment, measuring instruments, gauges, parts etc. required during the quality inspection process	3	2	-	1
PC3. ensure that tools, gauges and measuring instruments to be used for inspection process are calibrated	2	4	-	1
Perform inspection process	14	30	-	11
PC4. follow safety practices recommended by organisation during quality inspection process	-	4	-	2
PC5. conduct the visual inspection of EV parts or products for any scratches, dents, damages, packing etc. as per the norms and quality standards	-	4	-	1
PC6. conduct the dimensional and functional check of EV parts or products by using inspection and measuring instrument and gasuges such as vernier caliper, bore gauge, Go/NOGO gauge, micrometer etc.	-	2	-	1
PC7. judge the part or product through a reference for feel, touch, sound, smell, etc. if the measurement is not possible	-	2	-	2
PC8. maintain and preserve the tested samples to track the inspection history of teste EV parts or products and use it as defect/limit samples	2	2	-	2
PC9. ensure that the sticker/number/label is placed on the inspected automotive part or product	-	2	-	-
PC10. conduct inspection of EV manufacturing related processes to verify the process control items by using pressure gauge, temperature gauge, voltmeter/ ammeter etc.	-	4	-	1

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC11. use Statistical Process Control (SPC) to measure and control the quality during the EV manufacturing process	2	2	-	-
PC12. prepare first-off inspection report by referring to process inspection standard/process parameter sheet/control plan	2	2	-	-
PC13. record the observations of the inspection and update the reports such as inspection report, charts in graphical pattern and other documents, manually or electronically as per the SOP	4	4	-	2
PC14. raise a scrap note and ensure that scrapped part or product in the scrap yard is disposed-off as per the organisational specified procedure	4	2	-	-
Co-ordinate with the team, and line incharge/supervisor	9	12	-	5
PC15. work as a CFT member of the team formed for problem solving and corrective actions pertaining to the EV products handled	1	2	-	1
PC16. collect data related to the problems identified during inspection process, analyse it with the team and identify the corrective actions for clearing the discrepancies	2	2	-	-
PC17. coordinate with the respective process line leader/supervisor and give suggestions to seniors for appropriate action based on findings of the inspection report of EV manufacturing process	-	2	-	-
PC18. implement corrective action for discrepancies identified in the inspection report	1	2	-	1
PC19. coordinate with the team and identify opportunities for improvements in productivity, quality, cost, safety and morale in the manufacturing of EV	1	2	-	1
PC20. verify the daily check items for e.g. battery functioning, fixture condition etc.	4	2	-	2
NOS Total	**30**	**50**	**-**	**20**

National Occupational Standards (NOS) Parameters

NOS Code	ASC/N6313
NOS Name	Inspect and maintain the electric vehicle (EV) parts and process quality and implement corrective actions
Sector	Automotive
Sub-Sector	Manufacturing
Occupation	Automotive Quality Assurance
NSQF Level	4
Credits	TBD
Version	1.0
Last Reviewed Date	25/11/2021
Next Review Date	25/11/2024
NSQC Clearance Date	25/11/2021

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/N6313.Inspect and maintain the electric vehicle (EV) parts and process quality and implement corrective actions	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

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.