









Jr. Technician - Electrical and Electronics Sub- System

QP Code: ELE/Q6301

Version: 4.0

NSQF Level: 3

Electronics Sector Skills Council of India || 155, 2nd Floor, ESC House Okhla Industrial Area-Phase 3 New Delhi- 110020 || email:anu@essc-india.org









Contents

ELE/Q6301: Jr. Technician - Electrical and Electronics Sub- System	პ
Brief Job Description	3
Applicable National Occupational Standards (NOS)	3
Compulsory NOS	3
Qualification Pack (QP) Parameters	3
ELE/N6320: Electrical Sub-System Assembly - Preparation & Electronics Component Integration .	5
ELE/N6319: Electrical Sub-System Wiring, Testing & Compliance	10
DGT/VSQ/N0101: Employability Skills (30 Hours)	15
Assessment Guidelines and Weightage	20
Assessment Guidelines	20
Assessment Weightage	21
Acronyms	22
Glossary	23









ELE/Q6301: Jr. Technician - Electrical and Electronics Sub- System

Brief Job Description

The individual at work integrates together modules and sub parts that form the electronic system of the product.

Personal Attributes

The job requires the individual to be physically fit and work in high-decibel noise environment.

Applicable National Occupational Standards (NOS)

Compulsory NOS:

- 1. <u>ELE/N6320</u>: <u>Electrical Sub-System Assembly Preparation & Electronics Component Integration</u>
- 2. <u>ELE/N6319</u>: <u>Electrical Sub-System Wiring</u>, <u>Testing & Compliance</u>
- 3. DGT/VSQ/N0101: Employability Skills (30 Hours)

Qualification Pack (QP) Parameters

Sector	Electronics
Sub-Sector	Industrial Automation
Occupation	Assembly-I&A
Country	India
NSQF Level	3
Credits	13
Aligned to NCO/ISCO/ISIC Code	NCO-2015/8212.2401









Minimum Educational Qualification & Experience	10th grade pass (10th grade or equivalent) with NA of experience OR 8th grade pass (8th grade) with 3 Years of experience Relevant Experience in Industrial Automation OR Previous relevant Qualification of NSQF Level 2.5 with 1.5 years of experience Relevant Experience in Industrial Automation
Minimum Level of Education for Training in School	8th Class
Pre-Requisite License or Training	NA
Minimum Job Entry Age	16 Years
Last Reviewed On	NA
Next Review Date	07/10/2028
NSQC Approval Date	07/10/2025
Version	4.0
Reference code on NQR	QG-03-EH-044922025-V2-ESSCI
NQR Version	2

Remarks:

NA









ELE/N6320: Electrical Sub-System Assembly - Preparation & Electronics Component Integration

Description

This NOS involves assembling and integrating electrical and electronic components such as PCBs, sensors, and wiring harnesses as per design specifications. It includes performing connections, soldering, and testing to ensure proper functionality and reliability of the electrical sub-system.

Scope

The scope covers the following:

- Introduction and Understanding Work Requirements
- Component Collection & Preparation
- Component Installation & Pre-Finalization
- Reporting & Problem Identification

Elements and Performance Criteria

Introduction and Understanding Work Requirements

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

- **PC1.** Describe how the individual at work integrates modules and sub-components to assemble the complete electronic system of the product, ensuring proper functionality and alignment with technical specifications.
- **PC2.** Communicate with the supervisor to understand daily production targets and work sequence and Refer to approved drawings, work manuals, and standard job instructions to ensure accuracy.

Component Collection & Preparation

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

- **PC3.** Collect assembled PCBs from the assembly team based on the production schedule
- **PC4.** Gather consumables such as wires, connectors, and insulation materials required for assembly.
- **PC5.** Verify the completeness of received components by cross-referencing the bill of materials (BOM)
- **PC6.** Perform a visual inspection of PCBs and electronic components for any physical damage or loose connections
- **PC7.** Document identified faults and return defective boards to the PCB assembly team for rework.
- **PC8.** Adhere to standard operating procedures (SOPs) to assemble electrical sub-systems efficiently.

Component Installation & Pre-Finalization

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

PC9. Use digital schematics and ERP-driven component tracking to prepare workstations and integrate smart electrical components (IOT sensors, and software to monitor, control, and optimize power usage and distribution) into subsystems









- **PC10.** Interpret wiring diagrams and job specifications to ensure correct assembly
- **PC11.** Verify that the assembled sub-system meets dimensional and functional specifications
- **PC12.** Place assembled systems in assigned storage bins and ensure smooth transfer to the final assembly area
- **PC13.** Collaborate with the PCB assembly team to maintain production flow and avoid bottlenecks.

Reporting & Problem Identification

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

- **PC14.** Identify and report any errors detected in the previous assembly stage
- **PC15.** Notify the supervisor of defective components or insufficient materials.
- **PC16.** Report shortages of consumables such as wires, connectors, screws, and fasteners to prevent delays.
- PC17. Communicate assembly process challenges to the supervisor for timely resolution

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- **KU1.** Understanding of electronic system assembly processes, modules, and sub-component integration.
- **KU2.** Knowledge of interpreting wiring diagrams, schematics, and bills of materials (BOM).
- **KU3.** Awareness of standard operating procedures (SOPs), safety protocols, and ESD precautions.
- **KU4.** Familiarity with ERP systems and digital tools for component tracking and workflow management.
- **KU5.** Understanding of inspection methods for identifying defects or damaged PCBs and components.

Generic Skills (GS)

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

- **GS1.** Ability to communicate effectively with supervisors and team members to understand work requirements.
- **GS2.** Skill in handling tools and materials safely while assembling and integrating electrical subsystems.
- **GS3.** Proficiency in identifying and reporting faults or material shortages promptly.
- **GS4.** Capability to maintain accurate records and documentation of work completed.
- **GS5.** Teamwork and time management skills to ensure smooth production flow and meet daily targets.









Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
Introduction and Understanding Work Requirements	4	6	-	-
PC1. Describe how the individual at work integrates modules and sub-components to assemble the complete electronic system of the product, ensuring proper functionality and alignment with technical specifications.	-	-	-	-
PC2. Communicate with the supervisor to understand daily production targets and work sequence and Refer to approved drawings, work manuals, and standard job instructions to ensure accuracy.	-	-	-	-
Component Collection & Preparation	12	18	-	-
PC3. Collect assembled PCBs from the assembly team based on the production schedule	-	-	-	-
PC4. Gather consumables such as wires, connectors, and insulation materials required for assembly.	-	-	-	-
PC5. Verify the completeness of received components by cross-referencing the bill of materials (BOM)	-	-	-	-
PC6. Perform a visual inspection of PCBs and electronic components for any physical damage or loose connections	-	-	-	-
PC7. Document identified faults and return defective boards to the PCB assembly team for rework.	-	-	-	-
PC8. Adhere to standard operating procedures (SOPs) to assemble electrical sub-systems efficiently.	-	-	-	-
Component Installation & Pre-Finalization	15	20	-	-









Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC9. Use digital schematics and ERP-driven component tracking to prepare workstations and integrate smart electrical components (IOT sensors, and software to monitor, control, and optimize power usage and distribution) into subsystems	-	-	-	-
PC10. Interpret wiring diagrams and job specifications to ensure correct assembly	-	-	-	-
PC11. Verify that the assembled sub-system meets dimensional and functional specifications	-	-	-	-
PC12. Place assembled systems in assigned storage bins and ensure smooth transfer to the final assembly area	-	-	-	-
PC13. Collaborate with the PCB assembly team to maintain production flow and avoid bottlenecks.	-	-	-	-
Reporting & Problem Identification	9	16	-	-
PC14. Identify and report any errors detected in the previous assembly stage	-	-	-	-
PC15. Notify the supervisor of defective components or insufficient materials.	-	-	-	-
PC16. Report shortages of consumables such as wires, connectors, screws, and fasteners to prevent delays.	-	-	-	-
PC17. Communicate assembly process challenges to the supervisor for timely resolution	-	-	-	-
NOS Total	40	60	-	-









National Occupational Standards (NOS) Parameters

NOS Code	ELE/N6320
NOS Name	Electrical Sub-System Assembly - Preparation & Electronics Component Integration
Sector	Electronics
Sub-Sector	
Occupation	Integration-I&A
NSQF Level	3
Credits	7
Version	1.0
Last Reviewed Date	07/10/2025
Next Review Date	07/10/2028
NSQC Clearance Date	07/10/2025









ELE/N6319: Electrical Sub-System Wiring, Testing & Compliance

Description

This NOS involves performing wiring, interconnections, and continuity checks of electrical sub-systems as per circuit diagrams, followed by testing for functionality, safety, and compliance with quality standards. It ensures that all electrical assemblies meet performance, reliability, and regulatory specifications before final integration.

Scope

The scope covers the following:

- Wiring & Electrical Integration
- Testing & Quality Assurance
- Reporting & Documentation

Elements and Performance Criteria

Wiring & Electrical Integration

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

- **PC1.** Use proper wire bundling, routing, and labelling for efficient and error-free wiring.
- **PC2.** Choose wires based on gauge ratings, insulation types, and load capacity.
- **PC3.** Perform wire crimping, stripping, and termination using appropriate tools to prevent connection failures.
- **PC4.** Secure all interconnections using standardized methods such as soldering, crimping, or terminal blocks.
- **PC5.** Implement grounding and shielding techniques to prevent signal interference and electrical hazards.
- **PC6.** Cross-check connections against circuit diagrams to detect potential miswirings before powering the system.

Testing & Quality Assurance

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

- **PC7.** Perform continuity tests on all electrical connections using a multimeter.
- **PC8.** Verify proper voltage and current levels at critical points in the circuit.
- **PC9.** Check insulation integrity to prevent leakage currents and electrical hazards.
- **PC10.** Inspect terminal points for secure fastening and proper contact.
- **PC11.** Document defects or performance issues and flag them for necessary corrections.
- **PC12.** Verify compliance with electrical specifications before transferring the sub-system for full system integration.

Reporting & Documentation

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

- **PC13.** Document any defects or inconsistencies observed during wiring and testing.
- **PC14.** Report issues related to quality deviations or material defects to the supervisor.









- **PC15.** Record the consumption of materials and notify stores about replenishment requirements.
- **PC16.** Keep the work area clean, organized, and free from hazards to maintain compliance with workplace safety standards.
- **PC17.** Follow standard workplace safety guidelines, including the use of PPE and electrostatic discharge (ESD) protection methods.

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- **KU1.** Understand wire types, gauges, insulation materials, and load ratings for safe wiring practices
- **KU2.** Know standard procedures for crimping, soldering, grounding, and shielding electrical circuits
- **KU3.** Understand circuit diagrams, wiring schematics, and electrical safety standards.
- **KU4.** Know how to perform and interpret continuity, voltage, and insulation tests.
- **KU5.** Understand documentation protocols and quality compliance requirements for electrical systems.

Generic Skills (GS)

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

- **GS1.** Apply wiring, routing, and labeling techniques accurately as per circuit diagrams.
- **GS2.** Use multimeters and testing tools effectively for continuity and voltage checks.
- **GS3.** Identify and rectify miswirings, loose connections, or insulation faults promptly.
- **GS4.** Maintain accurate records of materials used, test results, and issues identified.
- **GS5.** Follow ESD safety, PPE usage, and housekeeping standards to ensure a safe work environment









Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
Wiring & Electrical Integration	12	18	-	-
PC1. Use proper wire bundling, routing, and labelling for efficient and error-free wiring.	-	-	-	-
PC2. Choose wires based on gauge ratings, insulation types, and load capacity.	-	-	-	-
PC3. Perform wire crimping, stripping, and termination using appropriate tools to prevent connection failures.	-	-	-	-
PC4. Secure all interconnections using standardized methods such as soldering, crimping, or terminal blocks.	-	-	-	-
PC5. Implement grounding and shielding techniques to prevent signal interference and electrical hazards.	-	-	-	-
PC6. Cross-check connections against circuit diagrams to detect potential miswirings before powering the system.	-	-	-	-
Testing & Quality Assurance	15	22	-	-
PC7. Perform continuity tests on all electrical connections using a multimeter.	-	-	-	-
PC8. Verify proper voltage and current levels at critical points in the circuit.	-	-	-	-
PC9. Check insulation integrity to prevent leakage currents and electrical hazards.	-	-	-	-
PC10. Inspect terminal points for secure fastening and proper contact.	-	-	-	-
PC11. Document defects or performance issues and flag them for necessary corrections.	-	-	-	-
PC12. Verify compliance with electrical specifications before transferring the sub-system for full system integration.	-	-	-	-









Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
Reporting & Documentation	13	20	-	-
PC13. Document any defects or inconsistencies observed during wiring and testing.	-	-	-	-
PC14. Report issues related to quality deviations or material defects to the supervisor.	-	-	-	-
PC15. Record the consumption of materials and notify stores about replenishment requirements.	-	-	-	-
PC16. Keep the work area clean, organized, and free from hazards to maintain compliance with workplace safety standards.	-	-	-	-
PC17. Follow standard workplace safety guidelines, including the use of PPE and electrostatic discharge (ESD) protection methods.	-	-	-	-
NOS Total	40	60	-	-









National Occupational Standards (NOS) Parameters

NOS Code	ELE/N6319
NOS Name	Electrical Sub-System Wiring, Testing & Compliance
Sector	Electronics
Sub-Sector	
Occupation	Integration-I&A
NSQF Level	3
Credits	5
Version	1.0
Last Reviewed Date	07/10/2025
Next Review Date	07/10/2028
NSQC Clearance Date	07/10/2025









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

Description

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

Scope

The scope covers the following:

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

Elements and Performance Criteria

Introduction to Employability Skills

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

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

Constitutional values - Citizenship

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

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

Becoming a Professional in the 21st Century

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

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

Basic English Skills

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

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

Communication Skills

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

- **PC5.** follow good manners while communicating with others
- **PC6.** work with others in a team









Diversity & Inclusion

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

- **PC7.** communicate and behave appropriately with all genders and PwD
- **PC8.** report any issues related to sexual harassment

Financial and Legal Literacy

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

- **PC9.** use various financial products and services safely and securely
- **PC10.** calculate income, expenses, savings etc.
- **PC11.** approach the concerned authorities for any exploitation as per legal rights and laws

Essential Digital Skills

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

- PC12. operate digital devices and use its features and applications securely and safely
- **PC13.** use internet and social media platforms securely and safely

Entrepreneurship

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

- PC14. identify and assess opportunities for potential business
- PC15. identify sources for arranging money and associated financial and legal challenges

Customer Service

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

- **PC16.** identify different types of customers
- **PC17.** identify customer needs and address them appropriately
- **PC18.** follow appropriate hygiene and grooming standards

Getting ready for apprenticeship & Jobs

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

- PC19. create a basic biodata
- **PC20.** search for suitable jobs and apply
- PC21. identify and register apprenticeship opportunities as per requirement

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- **KU1.** need for employability skills
- **KU2.** various constitutional and personal values
- **KU3.** different environmentally sustainable practices and their importance
- **KU4.** Twenty first (21st) century skills and their importance
- **KU5.** how to use basic spoken English language
- **KU6.** Do and dont of effective communication
- **KU7.** inclusivity and its importance
- KU8. different types of disabilities and appropriate communication and behaviour towards PwD
- **KU9.** different types of financial products and services









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

Generic Skills (GS)

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

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









Assessment Criteria

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









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









National Occupational Standards (NOS) Parameters

NOS Code	DGT/VSQ/N0101
NOS Name	Employability Skills (30 Hours)
Sector	Cross Sectoral
Sub-Sector	Professional Skills
Occupation	Employability
NSQF Level	2
Credits	1
Version	1.0
Last Reviewed Date	07/10/2025
Next Review Date	07/10/2028
NSQC Clearance Date	07/10/2025

Assessment Guidelines and Assessment Weightage

Assessment Guidelines

- 1. Criteria for assessment for each Qualification Pack will be created by the Sector Skill Council. Each Performance Criteria (PC) will be assigned marks proportional to its importance in NOS. SSC will also lay down 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. 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 theory part for each candidate at each examination/training centre (as per assessment criteria below).
- 5. Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/training centre based on this criterion.
- 6. To pass the Qualification Pack, every trainee should score a minimum of 70% of aggregate marks to successfully clear the assessment.
- 7. In case of unsuccessful completion, the trainee may seek reassessment on the Qualification Pack.









Minimum Aggregate Passing % at QP Level: 50

(**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
ELE/N6320.Electrical Sub- System Assembly - Preparation & Electronics Component Integration	40	60	-	-	100	40
ELE/N6319.Electrical Sub- System Wiring, Testing & Compliance	40	60	-	-	100	40
DGT/VSQ/N0101.Employability Skills (30 Hours)	20	30	-	-	50	20
Total	100	150	-	-	250	100









Acronyms

NOS	National Occupational Standard(s)
NSQF	National Skills Qualifications Framework
QP	Qualifications Pack
TVET	Technical and Vocational Education and Training
NOS	National Occupational Standard(s)
NVQF	National Vocational Qualifications Framework
NSQF	National Qualifications Framework
NVEQF	National Vocational Education Qualifications Framework
QP	Qualification pack









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 performance in the context 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. 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-s		
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 (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 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. 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 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. 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.		specify the technical, generic, professional and organisational specific knowledge that an individual needs in order to perform to the required
specific designated responsibilities. Core Skills/ Generic 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. 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 defines a unique set of functions that together form a unique employment opportunity in an organisation. Oscupational 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 Performance Criteria PCP) are statements that together specify the		and how it operates, including the extent of operative knowledge
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. 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 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 Performance Criteria (PC) are statements that together specify the	Technical Knowledge	· · · · · · · · · · · · · · · · · · ·
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. 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) Occupational Standards (OS) Performance Criteria Performance Criteria (PC) are statements that together specify the	-	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
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. 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 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 Performance Criteria (PC) are statements that together specify the	Electives	contributive to specialization in a job role. There may be multiple electives within a QP for each specialized job role. Trainees must select
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. 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 Performance Criteria (PC) are statements that together specify the	Options	additional skills. There may be multiple options within a QP. It is not
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. 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 Performance Criteria (PC) are statements that together specify the	Sector	similar business and interests. It may also be defined as a distinct subset of the economy whose components share similar characteristics
functions in an industry. Job role Job role defines a unique set of functions that together form a unique employment opportunity in an organisation. 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 Performance Criteria (PC) are statements that together specify the	Sub-sector	
employment opportunity in an organisation. 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 Performance Criteria (PC) are statements that together specify the	Occupation	· ·
Occupational Standards (OS) 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 Performance Criteria (PC) are statements that together specify the	Job role	'
, ,	-	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









National Occupational Standard	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 (K	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 (G	Core skills or Generic Skills (GS) are a group of skills that are the key to learning and working in today world. These skills are typically needed in any work environment in today 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 contribute 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.