Qualification Pack

Radio Broadcast Technician

QP Code: MES/Q2806

Version: 1.0

NSQF Level: 4

Media & Entertainment Skills Council || Commercial premises No Ja522, 5th Floor, DLF Tower A, Jasola, New Delhi
110025

Contents

MES/Q2806: Radio Broadcast Technician

Brief Job Description

Broadcast Technicians primary functions are operating, monitoring, and adjusting video, audio, lighting, and broadcast equipment. They set up and take down broadcasting equipment for events and performances. Broadcast technicians operate transmitters both in studios and on location in the field. They record music, speech, or other sounds on computers or recording equipment often using sophisticated software, in addition to synchronizing sounds and dialogue with action happening in a movie or television production.

Personal Attributes

Maintains accurate schedules, records, discrepancy reports, and follow-through communications

Applicable National Occupational Standards (NOS)

Compulsory NOS:

1. MES/N2818: Analyse the task of Radio Technician

2. MES/N2819: Install and maintains different types of radio equipment

3. MES/N2820: Maintains the communication / transmission system

4. MES/N2821: Carry out schedule of maintenance of radio stations

5. MES/N0104: Maintain Workplace Health & Safety

Qualification Pack (QP) Parameters

Sector	Media & Entertainment
Sub-Sector	Radio
Occupation	Production, Sound Creation
Country	India
NSQF Level	4
Credits	NA
Aligned to NCO/ISCO/ISIC Code	NCO-2015/3521.0800

Minimum Educational Qualification & Experience	I.T.I ((2 years after 10th)) with 1 Year of experience OR 12th Class with 1 Year of experience OR 10th Class with 3 Years of experience
Minimum Level of Education for Training in School	
Pre-Requisite License or Training	NA
Minimum Job Entry Age	18 Years
Last Reviewed On	NA
Next Review Date	31/03/2027
NSQC Approval Date	31/03/2022
Version	1.0
Reference code on NQR	2022/ME/MESC/05692
NQR Version	1.0

Remarks:

MES/N2818: Analyse the task of Radio Technician

Description

This NOS covers ways to operate and maintain various electronic equipment required tp manage broadcast systems

Scope

The scope covers the following :

- Describe and demonstrate the role of Radio Technician
- Demonstrate ways to operate and maintain various electronic equipment

Elements and Performance Criteria

carry out work of radio technician

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

PC1. Demonstrate the role of Radio Technician and broadcasting

PC2. Set up, operate, and maintain the electronic equipment used to acquire, edit, and transmit audio and video for radio or television programs

PC3. Inspect buildings, equipment, and systems to identify any issues

PC4. Problem-solving skills, attention to detail, great communication skills, and a passion for technology

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

KU1. importance of ensuring that the programs are being broadcasted on time

KU2. maintain specialist equipment for video production

KU3. analyse and repair technical faults on equipment and systems

KU4. importance of pre planning for different technical aspects for each shoot

KU5. ensure that all the services are running smoothly

KU6. importance of ensuring that the operations of the radio station comply to the broadcast standards, policies, and relevant laws and regulations

KU7. ways to develop and implement systems to maintain records on station operations, volunteers, equipment, and compliance activities

KU8. how to coordinate with necessary service provider like Fire System, Power system, Security, Parking etc. to ensure smooth function of multiplex

KU9. Develop budget for regular maintenance,procurement, replacement etc

Generic Skills (GS)

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

GS1. plan and manage team activities

GS2. developing constructive and cooperative working relationships with others, and maintaining them

GS3. ability to communicate information and ideas in speaking so others will understand

GS4. ability to listen to and understand information and ideas presented through spoken words and sentences

GS5. critically appraise quality of own performance to identify issues

GS6. Identify the different types of health and safety hazards in a workplace

GS7. solve problems that may arise in a project.

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
carry out work of radio technician	**30**	**70**	**-**	**-**
PC1. Demonstrate the role of Radio Technician and broadcasting	5	-	-	-
PC2. Set up, operate, and maintain the electronic equipment used to acquire, edit, and transmit audio and video for radio or television programs	10	-	-	-
PC3. Inspect buildings, equipment, and systems to identify any issues	10	-	-	-
PC4. Problem-solving skills, attention to detail, great communication skills, and a passion for technology	5	-	-	-
NOS Total	**30**	**70**	**-**	**-**

National Occupational Standards (NOS) Parameters

NOS Code	MES/N2818
NOS Name	Analyse the task of Radio Technician
Sector	Media & Entertainment
Sub-Sector	Film, Television, Media and Entertainment, Digital
Occupation	Production, Journalism
NSQF Level	4
Credits	TBD
Version	1.0
Last Reviewed Date	NA
Next Review Date	31/03/2027
NSQC Clearance Date	31/03/2022

MES/N2819: Install and maintains different types of radio equipment

Description

This NOS covers the process of installation and operation of different types of radio equipment such as audio mixing consoles, media control systems, oscilloscopes, frequency analyzers, and satellite receivers and solve different issues that may arise during transmission and ways to effectively troubleshoot these issues

Scope

The scope covers the following :

- Demonstrate ways to install and operate all types of equipment used to broadcast radio and television programs
- Troubleshoot different transmission, broadcasting and operating errors.

Elements and Performance Criteria

Install and operate various broadcasting equipment

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

PC1. Install and operate all equipment, such as audio mixing consoles, media control systems, oscilloscopes, frequency analyzers, and satellite receivers, used to broadcast radio and television programs

PC2. Maintain equipment to ensure that it functions properly

Troubleshoot problems in broadcasting equipment

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

PC3. troubleshoot problems quickly and effectively with transmissions

PC4. Conduct functional and operational testing procedures to ensure quality performance of broadcast products including radio and television programs

PC5. Work with engineers to test and integrate new systems.

PC6. Comply with regulations and state, and local laws

PC7. keep scheduled broadcasts running, setting up live broadcasts in the field or studio, maintaining and updating broadcasting hardware and software, and addressing broadcasting problems as they arise

PC8. Troubleshooting - Determining causes of operating errors and deciding what to do about it.

PC9. Operation and Control - Controlling operations of equipment or systems

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

KU1. importance of ensuring that the programs are being broadcasted on time

KU2. maintain specialist equipment for video production

KU3. analyse and repair technical faults on equipment and systems

KU4. importance of pre planning for different technical aspects for each shoot

KU5. ensure that all the services are running smoothly

KU6. importance of ensuring that the operations of the radio station comply to the broadcast standards, policies, and relevant laws and regulations

KU7. ways to develop and implement systems to maintain records on station operations, volunteers, equipment, and compliance activities

KU8. how to coordinate with necessary service provider like Fire System, Power system, Security, Parking etc. to ensure smooth function of multiplex

KU9. Develop budget for regular maintenance,procurement, replacement etc

Generic Skills (GS)

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

GS1. plan and manage team activities

GS2. developing constructive and cooperative working relationships with others, and maintaining them

GS3. ability to communicate information and ideas in speaking so others will understand

GS4. ability to listen to and understand information and ideas presented through spoken words and sentences

GS5. critically appraise quality of own performance to identify issues

GS6. Identify the different types of health and safety hazards in a workplace

GS7. solve problems that may arise in a project.

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
Install and operate various broadcasting equipment	**5**	**70**	**-**	**-**
PC1. Install and operate all equipment, such as audio mixing consoles, media control systems, oscilloscopes, frequency analyzers, and satellite receivers, used to broadcast radio and television programs	5	-	-	-
PC2. Maintain equipment to ensure that it functions properly	-	-	-	-
Troubleshoot problems in broadcasting equipment	**25**	**-**	**-**	**-**
PC3. troubleshoot problems quickly and effectively with transmissions	5	-	-	-
PC4. Conduct functional and operational testing procedures to ensure quality performance of broadcast products including radio and television programs	5	-	-	-
PC5. Work with engineers to test and integrate new systems.	5	-	-	-
PC6. Comply with regulations and state, and local laws	5	-	-	-
PC7. keep scheduled broadcasts running, setting up live broadcasts in the field or studio, maintaining and updating broadcasting hardware and software, and addressing broadcasting problems as they arise	5	-	-	-
PC8. Troubleshooting - Determining causes of operating errors and deciding what to do about it.	-	-	-	-
PC9. Operation and Control - Controlling operations of equipment or systems	-	-	-	-
NOS Total	**30**	**70**	**-**	**-**

National Occupational Standards (NOS) Parameters

NOS Code	MES/N2819
NOS Name	Install and maintains different types of radio equipment
Sector	Media & Entertainment
Sub-Sector	Film, Television, Media and Entertainment, Digital
Occupation	Production, Journalism
NSQF Level	4
Credits	TBD
Version	1.0
Last Reviewed Date	NA
Next Review Date	31/03/2027
NSQC Clearance Date	31/03/2022

MES/N2820: Maintains the communication / transmission system

Description

This NOS covers ways to maintain accurate schedules, records, discrepancy reports, and follow-through communications and ensuring that all on-air broadcast programming complies with local rules and regulation

Scope

The scope covers the following :

- Demonstrate ways to maintain the communication/transmission system and equipment
- Demonstrate ways to participate in the establishment, organization, and implementation of shortand long-range goals, objectives, policies, and operating procedures

Elements and Performance Criteria

Maintain the communication/transmission system and equipment

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

PC1. Coordinates the continuous, multifaceted daily operations of the radio station, ensuring compliance with broadcast standards, policies, and relevant laws and regulations

PC2. Maintains accurate schedules, records, discrepancy reports, and follow-through communications, and ensures that all on-air broadcast programming complies with local rules and regulation

Participate in the establishment, organization, and implementation of shortand long-range goals, objectives, policies, and operating procedures

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

PC3. Participates in the establishment, organization, and implementation of short- and long-range goals, objectives, policies, and operating procedures; monitors and evaluates program effectiveness and effects changes required for improvement

PC4. Develops and implements systems to maintain records on station operations, volunteers, equipment, and compliance activities; prepares regular and ad-hoc reports

PC5. Provides advice and assistance to senior station management in the planning, implementation, and evaluation of modification to existing operations, systems, and procedures.

PC6. Manufacturer preventive maintenance

PC7. Check data transmission over the IFE Ethernet interface or EIFE embedded Ethernet interface

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

KU1. importance of ensuring that the programs are being broadcasted on time

KU2. maintain specialist equipment for video production

KU3. analyse and repair technical faults on equipment and systems

KU4. importance of pre planning for different technical aspects for each shoot

KU5. ensure that all the services are running smoothly

KU6. importance of ensuring that the operations of the radio station comply to the broadcast standards, policies, and relevant laws and regulations

KU7. ways to develop and implement systems to maintain records on station operations, volunteers, equipment, and compliance activities

KU8. how to coordinate with necessary service provider like Fire System, Power system, Security, Parking etc. to ensure smooth function of multiplex

KU9. Develop budget for regular maintenance,procurement, replacement etc

Generic Skills (GS)

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

GS1. plan and manage team activities

GS2. developing constructive and cooperative working relationships with others, and maintaining them

GS3. ability to communicate information and ideas in speaking so others will understand

GS4. ability to listen to and understand information and ideas presented through spoken words and sentences

GS5. critically appraise quality of own performance to identify issues

GS6. Identify the different types of health and safety hazards in a workplace

GS7. solve problems that may arise in a project.

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
Maintain the communication/transmission system and equipment	**10**	**65**	**-**	**-**
PC1. Coordinates the continuous, multifaceted daily operations of the radio station, ensuring compliance with broadcast standards, policies, and relevant laws and regulations	5	-	-	-
PC2. Maintains accurate schedules, records, discrepancy reports, and follow-through communications, and ensures that all on-air broadcast programming complies with local rules and regulation	5	-	-	-
Participate in the establishment, organization, and implementation of shortand long-range goals, objectives, policies, and operating procedures	**25**	**-**	**-**	**-**
PC3. Participates in the establishment, organization, and implementation of short- and long-range goals, objectives, policies, and operating procedures; monitors and evaluates program effectiveness and effects changes required for improvement	5	-	-	-
PC4. Develops and implements systems to maintain records on station operations, volunteers, equipment, and compliance activities; prepares regular and ad-hoc reports	5	-	-	-
PC5. Provides advice and assistance to senior station management in the planning, implementation, and evaluation of modification to existing operations, systems, and procedures.	5	-	-	-
PC6. Manufacturer preventive maintenance	5	-	-	-
PC7. Check data transmission over the IFE Ethernet interface or EIFE embedded Ethernet interface	5	-	-	-
NOS Total	**35**	**65**	**-**	**-**

National Occupational Standards (NOS) Parameters

NOS Code	MES/N2820
NOS Name	Maintains the communication / transmission system
Sector	Media & Entertainment
Sub-Sector	Film, Television, Media and Entertainment, Digital
Occupation	Production, Journalism
NSQF Level	4
Credits	TBD
Version	1.0
Last Reviewed Date	NA
Next Review Date	31/03/2027
NSQC Clearance Date	31/03/2022

MES/N2821: Carry out schedule of maintenance of radio stations

Description

This NOS covers conducting various test such as Receiver sensitivity, Transmitter Power Output, Carrier frequency stability, Carrier modulation deviation and Physical cleanness

Scope

The scope covers the following :

- Conduct periodic station inspection

Elements and Performance Criteria

carry out work of radio technician

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

PC1. Conduct periodic station inspection

PC2. Schedule all preventive maintenance and routine work

PC3. • Conduct test
  - ▢ Receiver sensitivity
  - ▢ Transmitter Power Output
  - ▢ Carrier frequency stability
  - ▢ Carrier modulation deviation
  - ▢ Physical cleanness

PC4. Time and Material (T/M) maintenance

PC5. Time and Material (T/M) maintenance

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

KU1. importance of ensuring that the programs are being broadcasted on time

KU2. maintain specialist equipment for video production

KU3. analyse and repair technical faults on equipment and systems

KU4. importance of pre planning for different technical aspects for each shoot

KU5. ensure that all the services are running smoothly

KU6. importance of ensuring that the operations of the radio station comply to the broadcast standards, policies, and relevant laws and regulations

KU7. ways to develop and implement systems to maintain records on station operations, volunteers, equipment, and compliance activities

KU8. how to coordinate with necessary service provider like Fire System, Power system, Security, Parking etc. to ensure smooth function of multiplex

KU9. Develop budget for regular maintenance,procurement, replacement etc

Generic Skills (GS)

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

GS1. plan and manage team activities

GS2. developing constructive and cooperative working relationships with others, and maintaining them

GS3. ability to communicate information and ideas in speaking so others will understand

GS4. ability to listen to and understand information and ideas presented through spoken words and sentences

GS5. critically appraise quality of own performance to identify issues

GS6. Identify the different types of health and safety hazards in a workplace

GS7. solve problems that may arise in a project.

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
carry out work of radio technician	**25**	**75**	-	-
PC1. Conduct periodic station inspection	5	-	-	-
PC2. Schedule all preventive maintenance and routine work	5	-	-	-
PC3. • Conduct test • ☐ Receiver sensitivity • ☐ Transmitter Power Output • ☐ Carrier frequency stability • ☐ Carrier modulation deviation • ☐ Physical cleanness	5	-	-	-
PC4. Time and Material (T/M) maintenance	5	-	-	-
PC5. Time and Material (T/M) maintenance	5	-	-	-
NOS Total	**25**	**75**	**-**	**-**

National Occupational Standards (NOS) Parameters

NOS Code	MES/N2821
NOS Name	Carry out schedule of maintenance of radio stations
Sector	Media & Entertainment
Sub-Sector	Film, Television, Media and Entertainment, Digital
Occupation	Production, Journalism
NSQF Level	4
Credits	TBD
Version	1.0
Last Reviewed Date	NA
Next Review Date	31/03/2027
NSQC Clearance Date	31/03/2022

MES/N0104: Maintain Workplace Health & Safety

Description

This OS unit is about contributing towards maintaining a healthy, safe and secure working environment

Elements and Performance Criteria

Understanding the health, safety and security risks prevalent in the workplace

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

PC1. understand and comply with the organizations current health, safety and security policies and procedures

PC2. understand the safe working practices pertaining to own occupation

PC3. understand the government norms and policies relating to health and safety including emergency procedures for illness, accidents, fires or others which may involve evacuation of the premises

PC4. participate in organization health and safety knowledge sessions and drills

Knowing the people responsible for health and safety and the resources available

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

PC5. identify the people responsible for health and safety in the workplace, including those to contact in case of an emergency

PC6. identify security signals e.g. fire alarms and places such as staircases, fire warden stations, first aid and medical rooms

Identifying and reporting risks

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

PC7. identify aspects of your workplace that could cause potential risk to own and others health and safety

PC8. ensure own personal health and safety, and that of others in the workplace though precautionary measures

PC9. identify and recommend opportunities for improving health, safety, and security to the designated person

PC10. report any hazards outside the individuals authority to the relevant person in line with organizational procedures and warn other people who may be affected

Complying with procedures in the event of an emergency

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

PC11. follow organizations emergency procedures for accidents, fires or any other natural calamity in case of a hazard

PC12. identify and correct risks like illness, accidents, fires or any other natural calamity safely and within the limits of individuals authority

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

KU1.   Organizations norms and policies relating to health and safety

KU2.   Government norms and policies regarding health and safety and related emergency procedures

KU3.   Limits of authority while dealing with risks/ hazards

KU4.   The importance of maintaining high standards of health and safety at a workplace

KU5.   The different types of health and safety hazards in a workplace

KU6.   Safe working practices for own job role

KU7.   Evacuation procedures and other arrangements for handling risks

KU8.   Names and contact numbers of people responsible for health and safety in a workplace

KU9.   How to summon medical assistance and the emergency services, where necessary

KU10.   Vendors or manufacturers instructions for maintaining health and safety while using equipment, systems and/or machines

Generic Skills (GS)

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

GS1.   how to write and provide feedback regarding health and safety to the concerned people

GS2.   how to write and highlight potential risks or report a hazard to the concerned people

GS3.   read instructions, policies, procedures and norms relating to health and safety

GS4.   highlight potential risks and report hazards to the designated people

GS5.   listen and communicate information with all anyone concerned or affected

GS6.   make decisions on a suitable course of action or plan

GS7.   plan and organize people and resources to deal with risks/ hazards that lie within the scope of ones individual authority

GS8.   apply problem solving approaches in different situations

GS9.   understand hazards that fall within the scope of individual authority and report all hazards that may supersede ones authority

GS10.   apply balanced judgments in different situations

GS11.   How to write and provide feedback regarding health and safety to the concerned people

GS12.   How to write and highlight potential risks or report a hazard to the concerned people

GS13.   Read instructions, policies, procedures and norms relating to health and safety

GS14.   Highlight potential risks and report hazards to the designated people

GS15.   Listen and communicate information with all anyone concerned or affected

GS16.   Make decisions on a suitable course of action or plan

GS17.   Plan and organize people and resources to deal with risks/ hazards that lie within the scope of ones individual authority

GS18.   Apply problem solving approaches in different situations

GS19.   build and maintain positive and effective relationships with colleges and customers

GS20.   analyze data and activites

GS21.   Understand hazards that fall within the scope of individual authority and report all hazards that may supersede ones authority

GS22. Apply balanced judgments in different situations

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
Understanding the health, safety and security risks prevalent in the workplace	**15**	**15**	**-**	**-**
PC1. understand and comply with the organizations current health, safety and security policies and procedures	5	5	-	-
PC2. understand the safe working practices pertaining to own occupation	5	5	-	-
PC3. understand the government norms and policies relating to health and safety including emergency procedures for illness, accidents, fires or others which may involve evacuation of the premises	3	2	-	-
PC4. participate in organization health and safety knowledge sessions and drills	2	3	-	-
Knowing the people responsible for health and safety and the resources available	**10**	**10**	**-**	**-**
PC5. identify the people responsible for health and safety in the workplace, including those to contact in case of an emergency	5	5	-	-
PC6. identify security signals e.g. fire alarms and places such as staircases, fire warden stations, first aid and medical rooms	5	5	-	-
Identifying and reporting risks	**18**	**17**	**-**	**-**
PC7. identify aspects of your workplace that could cause potential risk to own and others health and safety	5	5	-	-
PC8. ensure own personal health and safety, and that of others in the workplace though precautionary measures	5	5	-	-
PC9. identify and recommend opportunities for improving health, safety, and security to the designated person	3	2	-	-

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC10. report any hazards outside the individuals authority to the relevant person in line with organizational procedures and warn other people who may be affected	5	5	-	-
Complying with procedures in the event of an emergency	**7**	**8**	**-**	**-**
PC11. follow organizations emergency procedures for accidents, fires or any other natural calamity in case of a hazard	5	5	-	-
PC12. identify and correct risks like illness, accidents, fires or any other natural calamity safely and within the limits of individuals authority	2	3	-	-
NOS Total	**50**	**50**	**-**	**-**

National Occupational Standards (NOS) Parameters

NOS Code	MES/N0104
NOS Name	Maintain Workplace Health & Safety
Sector	Media & Entertainment
Sub-Sector	Film, Television, Animation, Gaming, Radio, Advertising
Occupation	Ad sales/Account Management/Scheduling/Traffic
NSQF Level	5
Credits	TBD
Version	1.0
Last Reviewed Date	30/12/2021
Next Review Date	27/01/2027
NSQC Clearance Date	27/01/2022

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 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 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 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 : 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
MES/N2818.Analyse the task of Radio Technician	30	70	0	0	100	20
MES/N2819.Install and maintains different types of radio equipment	30	70	0	0	100	25
MES/N2820.Maintains the communication / transmission system	35	65	0	0	100	25
MES/N2821.Carry out schedule of maintenance of radio stations	25	75	0	0	100	20
MES/N0104.Maintain Workplace Health & Safety	50	50	-	-	100	10
Total	**170**	**330**	**-**	**-**	**500**	**100**

Acronyms

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

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.