

Qualification Pack



Livestock Service Provider

Options: Program implementation and marketing in the livestock sector/ Small Animal breeding services

QP Code: AGR/Q4804

Version: 8.0

NSQF Level: 4

Agriculture Skill Council of India || 6th Floor, GNG Tower, Plot No. 10, Sector -44, Gurgaon
Haryana-122004 || email:priyanka@asci-india.com

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AGR/Q4804: Livestock Service Provider

Brief Job Description

A Livestock Service Provider (LSP), also known as a Community Animal Health Worker (CAHW), Community Resource Person (Veterinary), or Animal Health Worker (AHW), is a person selected from his/her community to provide livestock extension and development-related services along with a set of "Minor Veterinary services" required for the given job role. The Minor Veterinary Services will be as per the notification under the Indian Veterinary Council Act (No.52 of 1984).

Personal Attributes

A Livestock Service Provider should have a mind for science, belongingness to the community, compassion for animals, good leadership, communication, and observation skills. S/he should be physically strong and have the manual dexterity to perform on the job.

Applicable National Occupational Standards (NOS)

Compulsory NOS:

1. [AGR/N4801: Carry out Controlling/restraining / examination of animals](#)
2. [AGR/N4802: Carry out Vaccination and implementing regular preventive health care program](#)
3. [AGR/N4805: Provide Veterinary First Aid and handling of common ailments](#)
4. [AGR/N4807: Assist government agencies in animal disease control with One Health approach](#)
5. [AGR/N4808: Assist in veterinary extension services](#)
6. [AGR/N4823: Assist in Animal Welfare, Breed Conservation, and Disaster Management](#)
7. [DGT/VSQ/N0102: Employability Skills \(60 Hours\)](#)

Options(Not mandatory):

Option 1: Program implementation and marketing in the livestock sector

This OS unit is about assisting organizations in implementing programs and projects in the livestock sector (including one related to the marketing of livestock products).

1. [AGR/N4810: Facilitate program implementation and marketing in the livestock sector](#)

Option 2: Small Animal breeding services

This OS unit is about assisting organization in implementing programs related to animal breeding in small

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farm animals.

1. [AGR/N4821: Implementation of animal breeding services in small farm animals](#)

Qualification Pack (QP) Parameters

| | |
|---|--|
| Sector | Agriculture |
| Sub-Sector | Animal Husbandry |
| Occupation | Livestock Health Management |
| Country | India |
| NSQF Level | 4 |
| Credits | 18 |
| Aligned to NCO/ISCO/ISIC Code | NCO-2015/6116 |
| Minimum Educational Qualification & Experience | 12th grade Pass (or equivalent) OR 10th grade pass with 3 Years of experience relevant experience in Agri and allied sectors/Pashu sakhi OR Previous relevant Qualification of NSQF Level (3.5) with 1.5 years of experience relevant experience in Agri and allied sectors/Pashu sakhi OR Previous relevant Qualification of NSQF Level (3.0) with 3 Years of experience relevant experience in Agri and allied sectors/Pashu sakhi |
| Minimum Level of Education for Training in School | |
| Pre-Requisite License or Training | NA |
| Minimum Job Entry Age | 17 Years |
| Last Reviewed On | NA |
| Next Review Date | 26/11/2027 |
| NSQC Approval Date | 26/11/2024 |
| Version | 8.0 |

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| | |
|-----------------------|-----------------------------|
| Reference code on NQR | QG-04-AG-03413-2024-V2-ASCI |
| NQR Version | 2.0 |

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AGR/N4801: Carry out Controlling/restraining / examination of animals

Description

This OS unit is about controlling and restraining, examining animals, for delivery of veterinary care in an ideal manner based on the behavior and needs of the animals while ensuring the safety and well-being of both the animal and the handler

Scope

The scope covers the following :

- Apply general principles of animal handling and safety
- Use of tools and equipment to restrain animals
- Examination of animals

Elements and Performance Criteria

Apply general principles of animal handling and safety

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

- PC1.** identify signs of fear, pain, stress, and discomfort in farm animal
- PC2.** apply ways to ensure cooperation during handling
- PC3.** use personal protective material /equipment
- PC4.** approach and hold a farm animal securely and safely with minimum stress and injury
- PC5.** protect oneself from any physical injury during animal handling

Use of tools and equipment to restrain animals

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

- PC6.** follow bio-security protocol and the procedures for preparing the examination area, tools and equipment
- PC7.** apply tools and equipment to restrain animals, ensuring zero accident
- PC8.** apply tools and equipment to restrain animals, ensuring zero accident

Examination of animals

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

- PC9.** identify the breed, age, sex, colour, and production class of the animal and record the same
- PC10.** recognize common clinical signs of disease, including prevalent zoonotic diseases
- PC11.** collect relevant case history information, including changes in husbandry practice and potential hazards in the immediate environment.
- PC12.** conduct a topographic examination of the animal and record findings as per the SOPs prepared by the supervisor
- PC13.** conduct body, leg and manure scoring
- PC14.** recognize the normal range of vital health parameters in animals
- PC15.** recognize situations that require immediate communication with the animal owner and referral to supervisors

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Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** the relevant organizational policy on professional conduct, scope of work, health event reporting and record keeping
- KU2.** the supervisory structure
- KU3.** species of farm/work animals, breeds, and production stages (as necessary for recording the signals)
- KU4.** the basics of animal behaviour, possible stimulus, and negative responses
- KU5.** signs of pain, fear, stress and discomfort
- KU6.** ways to differentiate a diseased animal from a healthy animal
- KU7.** flight zone, point of balance, and procedure of approaching and holding animals securely and safely
- KU8.** common tools and equipment used in animal restraining and examination
- KU9.** handling of animals during transport in a rural setting
- KU10.** the organ system and various body parts of relevant species (surface anatomy)
- KU11.** basic physiology of animals and standard range of vital health parameters in animals
- KU12.** history taking and communication with the animal owner
- KU13.** the basic clinical examination of animals (topographically), e.g., temperature, respiratory rate, mucous membranes, lymph node, skin appraisal, body condition, leg and manure scoring, etc.)
- KU14.** potential health risk within the farm environment
- KU15.** basic biosecurity and safety guidelines in animal handling
- KU16.** the rights of animal owners

Generic Skills (GS)

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

- GS1.** prepare a brief case report as per guidelines
- GS2.** fill data sheet/health monitoring proforma
- GS3.** read government / organizational guidelines/manuals
- GS4.** stay updated with the latest knowledge by reading brochures, pamphlets, etc., about animal health management
- GS5.** discuss task lists, schedules, etc., with co-workers
- GS6.** communicate with farmers/clients and other field-level One Health partners.
- GS7.** make decisions related to the use of techniques/tools and equipment
- GS8.** plan various procedures

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Assessment Criteria

| Assessment Criteria for Outcomes | Theory Marks | Practical Marks | Project Marks | Viva Marks |
|---|--------------|-----------------|---------------|------------|
| <i>Apply general principles of animal handling and safety</i> | 5 | 10 | - | 5 |
| PC1. identify signs of fear, pain, stress, and discomfort in farm animal | - | - | - | - |
| PC2. apply ways to ensure cooperation during handling | - | - | - | - |
| PC3. use personal protective material /equipment | - | - | - | - |
| PC4. approach and hold a farm animal securely and safely with minimum stress and injury | - | - | - | - |
| PC5. protect oneself from any physical injury during animal handling | - | - | - | - |
| <i>Use of tools and equipment to restrain animals</i> | 5 | 10 | - | 5 |
| PC6. follow bio-security protocol and the procedures for preparing the examination area, tools and equipment | - | - | - | - |
| PC7. apply tools and equipment to restrain animals, ensuring zero accident | - | - | - | - |
| PC8. apply tools and equipment to restrain animals, ensuring zero accident | - | - | - | - |
| <i>Examination of animals</i> | 20 | 30 | - | 10 |
| PC9. identify the breed, age, sex, colour, and production class of the animal and record the same | - | - | - | - |
| PC10. recognize common clinical signs of disease, including prevalent zoonotic diseases | - | - | - | - |
| PC11. collect relevant case history information, including changes in husbandry practice and potential hazards in the immediate environment. | - | - | - | - |
| PC12. conduct a topographic examination of the animal and record findings as per the SOPs prepared by the supervisor | - | - | - | - |

Qualification Pack

| Assessment Criteria for Outcomes | Theory Marks | Practical Marks | Project Marks | Viva Marks |
|--|--------------|-----------------|---------------|------------|
| PC13. conduct body, leg and manure scoring | - | - | - | - |
| PC14. recognize the normal range of vital health parameters in animals | - | - | - | - |
| PC15. recognize situations that require immediate communication with the animal owner and referral to supervisors | - | - | - | - |
| NOS Total | 30 | 50 | - | 20 |

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National Occupational Standards (NOS) Parameters

| | |
|----------------------------|--|
| NOS Code | AGR/N4801 |
| NOS Name | Carry out Controlling/restraining / examination of animals |
| Sector | Agriculture |
| Sub-Sector | Animal Husbandry |
| Occupation | Livestock Health Management |
| NSQF Level | 4 |
| Credits | 2 |
| Version | 3.0 |
| Last Reviewed Date | 26/11/2024 |
| Next Review Date | 26/11/2027 |
| NSQC Clearance Date | 26/11/2024 |

Qualification Pack

AGR/N4802: Carry out Vaccination and implementing regular preventive health care program

Description

This OS unit is about providing preventive animal health care.

Scope

The scope covers the following :

- Animal identification and data recording
- Optimized disease management
- Review of standing technical guidance on control of scheduled/notified disease(s)
- Communicating business/health risk and bio-security related information to the client Schedule vaccination program
- Pre and post-vaccination care

Elements and Performance Criteria

Animal identification and data recording

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

- PC1.** carry out tagging of animals as per standard protocol
- PC2.** use field data collection tools (including electronic/mobile-based data collection) as per given specifications
- PC3.** identify and record the data such as species, geographical location, specific area of the animal as per SOP
- PC4.** record and submit the data related to health, production, and breeding of the animals attended to the appropriate authority on time as per format

Optimized disease management

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

- PC5.** Communicate to the client/farmer regarding the importance of early detection, prompt treatment and follow-up care
- PC6.** explain appropriate changes in husbandry and environment to prevent diseases

Review of standing technical guidelines on the control of scheduled/notified disease(s)

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

- PC7.** Review of standing technical guidelines on the control of scheduled/notified disease(s)

Communication of business/health risk and bio-security related information to the client.

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

- PC8.** create future demand for preventive services by appropriately communicating the risk
- PC9.** ensure a high rate of voluntary compliance with bio-security norms

Scheduling of vaccination program

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

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- PC10.** schedule vaccination program appropriately, ensuring technical requirements related to the environment and convenience of farmer/client

Pre and post-vaccination care

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

- PC11.** identify sick animals or animals not fit for vaccination
PC12. face any emergency situation following after vaccination
PC13. analyze and report side-effect (if any)

Handling and administration of vaccines

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

- PC14.** perform self-evaluation of procedure related to procurement/infrastructure for storage etc. and use of vaccines from appropriate sources
PC15. ensure cold chain and compliance with other guidelines during transportation to farmer's/clients' place and point of usage
PC16. categorize vaccine stock in hand so that the oldest vaccines are being used first, ensuring that no vaccine is used after the expiration date
PC17. follow all scientific guidelines related to vaccine administration procedure e.g. use of appropriate dose, use of separate syringe for different vaccines, etc.

Preventive de-worming

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

- PC18.** follow local area guidelines regarding species, age, and season of de-worming
PC19. use only permissible products, follow appropriate dose and procedure of administration (as per the directive of supervising veterinarian)

Spraying of animals/birds or use of other methods for control of ectoparasites / vectors

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

- PC20.** use only permissible products, ensuring appropriate dose and procedure of application
PC21. ensure scale of operation by involving a maximum number of farmers in a given area
PC22. take precaution for minimum effect on animal/immediate environment

Record keeping of preventive interventions, monitoring, and follow up

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

- PC23.** ensure the record of a given vaccine and administration-related information (individual/herd level) along with batch numbers etc., as per given format
PC24. timely report vaccine failure to appropriate authority as per format
PC25. support laboratory for sample test etc. as per directive for monitoring of success of vaccination program
PC26. ensure herd coverage and continuity of vaccination program

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** the relevant government / organizational guidelines pertaining to preventive care procedure, use of products and reporting structure, etc.
KU2. the impact/importance of preventive care program vis a vis organizational mandate

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- KU3.** the importance of data recording and use of data collection tool
- KU4.** the prevalent farming system, social, geographical/environmental condition of the service area
- KU5.** Main categories and differences of disease causation, e.g. infectious, parasitic, metabolic, etc.
- KU6.** principles of disease transmission, including modes of transmission and factors contributing to disease spread
- KU7.** potential role of wildlife in disease transmission in forest fringe areas
- KU8.** Ways to optimized disease management and the examination routine of healthy animals
- KU9.** the prevalent diseases vis a vis affected species within the service area
- KU10.** the symptoms, the period of prevalence, pre-disposing factors of the prevalent diseases
- KU11.** the impact of prevalent disease(s) and its geographical spread
- KU12.** pre- and post-vaccination care, including handling of possible emergencies
- KU13.** how vaccine work, the type of vaccine and the importance of maintaining cold chain
- KU14.** availability of vaccines within a given geographical area, storage, and use (e.g., reconstitution, etc.)
- KU15.** the scientific procedure of vaccine administration
- KU16.** the veterinary products used in preventive care and their appropriate use
- KU17.** environmental effect of chemicals used for control of ectoparasite/vector control
- KU18.** basic concept of herd immunity

Generic Skills (GS)

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

- GS1.** prepare a brief report/write email at least in local language
- GS2.** fill datasheet
- GS3.** read government/organizational guidelines
- GS4.** keep abreast with the latest knowledge by reading brochures, pamphlets, and product information sheets
- GS5.** discuss task lists, schedules, etc. with co-workers
- GS6.** ask question and listen to farmers/clients to collect required data
- GS7.** give clear suggestions/guidance to farmers/clients
- GS8.** make decisions pertaining to the concerned area of work (in organizing and coordinating work activities)
- GS9.** solve problem arising out of implementation/scheduling of activities
- GS10.** solve minor problems related to supplies, cold chain, consumables, financial and other resources to ensure an efficient workflow for work assigned
- GS11.** plan activities and carry them through effectively involving farmers/clients
- GS12.** follow given procedures
- GS13.** use communication tools
- GS14.** gather information systematically to establish a fact

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Assessment Criteria

| Assessment Criteria for Outcomes | Theory Marks | Practical Marks | Project Marks | Viva Marks |
|---|--------------|-----------------|---------------|------------|
| <i>Animal identification and data recording</i> | 5 | 12 | - | 3 |
| PC1. carry out tagging of animals as per standard protocol | - | - | - | - |
| PC2. use field data collection tools (including electronic/mobile-based data collection) as per given specifications | - | - | - | - |
| PC3. identify and record the data such as species, geographical location, specific area of the animal as per SOP | - | - | - | - |
| PC4. record and submit the data related to health, production, and breeding of the animals attended to the appropriate authority on time as per format | - | - | - | - |
| <i>Optimized disease management</i> | 3 | - | - | 2 |
| PC5. Communicate to the client/farmer regarding the importance of early detection, prompt treatment and follow-up care | - | - | - | - |
| PC6. explain appropriate changes in husbandry and environment to prevent diseases | - | - | - | - |
| <i>Review of standing technical guidelines on the control of scheduled/notified disease(s)</i> | 3 | - | - | 2 |
| PC7. Review of standing technical guidelines on the control of scheduled/notified disease(s) | - | - | - | - |
| <i>Communication of business/health risk and bio-security related information to the client.</i> | 3 | - | - | 2 |
| PC8. create future demand for preventive services by appropriately communicating the risk | - | - | - | - |
| PC9. ensure a high rate of voluntary compliance with bio-security norms | - | - | - | - |
| <i>Scheduling of vaccination program</i> | 1 | 2 | - | 2 |
| PC10. schedule vaccination program appropriately, ensuring technical requirements related to the environment and convenience of farmer/client | - | - | - | - |

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| Assessment Criteria for Outcomes | Theory Marks | Practical Marks | Project Marks | Viva Marks |
|--|--------------|-----------------|---------------|------------|
| <i>Pre and post-vaccination care</i> | 3 | - | - | 2 |
| PC11. identify sick animals or animals not fit for vaccination | - | - | - | - |
| PC12. face any emergency situation following after vaccination | - | - | - | - |
| PC13. analyze and report side-effect (if any) | - | - | - | - |
| <i>Handling and administration of vaccines</i> | 8 | 15 | - | 2 |
| PC14. perform self-evaluation of procedure related to procurement/infrastructure for storage etc. and use of vaccines from appropriate sources | - | - | - | - |
| PC15. ensure cold chain and compliance with other guidelines during transportation to farmer's/clients' place and point of usage | - | - | - | - |
| PC16. categorize vaccine stock in hand so that the oldest vaccines are being used first, ensuring that no vaccine is used after the expiration date | - | - | - | - |
| PC17. follow all scientific guidelines related to vaccine administration procedure e.g. use of appropriate dose, use of separate syringe for different vaccines, etc. | - | - | - | - |
| <i>Preventive de-worming</i> | 4 | 5 | - | 1 |
| PC18. follow local area guidelines regarding species, age, and season of de-worming | - | - | - | - |
| PC19. use only permissible products, follow appropriate dose and procedure of administration (as per the directive of supervising veterinarian) | - | - | - | - |
| <i>Spraying of animals/birds or use of other methods for control of ectoparasites / vectors</i> | 1 | 2 | - | 2 |
| PC20. use only permissible products, ensuring appropriate dose and procedure of application | - | - | - | - |
| PC21. ensure scale of operation by involving a maximum number of farmers in a given area | - | - | - | - |

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| Assessment Criteria for Outcomes | Theory Marks | Practical Marks | Project Marks | Viva Marks |
|---|--------------|-----------------|---------------|------------|
| PC22. take precaution for minimum effect on animal/immediate environment | - | - | - | - |
| <i>Record keeping of preventive interventions, monitoring, and follow up</i> | 4 | 7 | - | 4 |
| PC23. ensure the record of a given vaccine and administration-related information (individual/herd level) along with batch numbers etc., as per given format | - | - | - | - |
| PC24. timely report vaccine failure to appropriate authority as per format | - | - | - | - |
| PC25. support laboratory for sample test etc. as per directive for monitoring of success of vaccination program | - | - | - | - |
| PC26. ensure herd coverage and continuity of vaccination program | - | - | - | - |
| NOS Total | 35 | 43 | - | 22 |

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National Occupational Standards (NOS) Parameters

| | |
|----------------------------|---|
| NOS Code | AGR/N4802 |
| NOS Name | Carry out Vaccination and implementing regular preventive health care program |
| Sector | Agriculture |
| Sub-Sector | Animal Husbandry |
| Occupation | Livestock Health Management |
| NSQF Level | 4 |
| Credits | 2 |
| Version | 3.0 |
| Last Reviewed Date | 26/11/2024 |
| Next Review Date | 26/11/2027 |
| NSQC Clearance Date | 26/11/2024 |

Qualification Pack

AGR/N4805: Provide Veterinary First Aid and handling of common ailments

Description

This OS unit is about veterinary first-aid and handling of common ailments in farm animals.

Scope

The scope covers the following :

- Handling of non-infectious conditions like indigestion, anorexia, constipation, tympani, impaction, diarrhea etc
- Provide immediate support to accidental situations like poisoning, sunstroke, electrocution, burn injuries, etc
- Handling of superficial wounds and trauma
- Handling of common ailments
- Support in reproductive emergencies

Elements and Performance Criteria

Handling of non-infectious conditions like indigestion, anorexia, constipation, tympani, impaction, diarrhea etc.

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

PC1. Identify the non-infectious condition and use commonly suggested medications / follow precautions as per the manual prepared by the supervisor

Provide immediate support to accidental situations like poisoning, sunstroke, electrocution, burn injuries, etc.

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

PC2. identify the cause of the accident from the symptoms

PC3. recognize the severity of the accident and suggest for consultation with a veterinarian

PC4. provide primary/immediate care as specified for each type of accident as per SOP

Handling of superficial wounds and trauma

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

PC5. clean and protect the wound and stop bleeding

Handling of common ailments

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

PC6. recognize symptoms of common diseases listed for the local area by appropriate authorities

PC7. procure permitted quality medication from approved channels / stores and follow guideline for handling/ storage

PC8. apply/administer/ dispose medication as per SOP /prescription provided by the veterinarian

PC9. record administered medications, including suggestions to the client and follow-up done as indicated in SOP

Support in reproductive emergencies

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

PC10. recognize signs of dystocia early to seek appropriate help from a supervisor/veterinarian

PC11. carry out aseptic handling and protection of the prolapsed organ(s) before the arrival of a veterinarian

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

KU1. relevant organizational policy on health event reporting/record keeping

KU2. relevant supervisory structure

KU3. basics of emergency conditions in animals along with pre-disposing factors

KU4. common local diseases with clinical signs and causation

KU5. steps to minimize human and environmental contamination when working around animals / handling sick and dead animals

KU6. SOPs related to approved primary treatment for each local disease

KU7. use of approved ethnoveterinary practices

KU8. nature of wounds vis-a-vis procedure of cleaning and protection

KU9. common reproductive emergencies, risk factors and signs of dystocia

KU10. anatomical locations for permitted drug administration.

KU11. Dosage, route of administration, frequency, duration and safety precautions of common medications in emergencies and to handle locally common diseases

KU12. basics of storage, handling, and disposal of approved/permitted medicines

KU13. common approaches in handling poisoning and natural calamities

KU14. the usage of a first aid kit

KU15. prerogatives and obligations concerning treatment and use of drugs in animals

Generic Skills (GS)

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

GS1. fill data sheet/health monitoring proforma

GS2. read government/organizational guideline/manuals

GS3. read directives from government/organization/ supervising veterinarians

GS4. discuss task lists, schedules, etc. with co-workers

GS5. explain farmers / clients on presented symptoms / emergency conditions

GS6. give clear suggestions/guidance to farmers/clients

GS7. make decisions related to the use of medication out of permitted assortments

GS8. decide appropriate approach and best way to handle an injured animal

GS9. relate the emergency to immediate events on the surrounding environment

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Assessment Criteria

| Assessment Criteria for Outcomes | Theory Marks | Practical Marks | Project Marks | Viva Marks |
|--|--------------|-----------------|---------------|------------|
| <i>Handling of non-infectious conditions like indigestion, anorexia, constipation, tympani, impaction, diarrhea etc.</i> | 6 | 10 | - | 2 |
| PC1. Identify the non-infectious condition and use commonly suggested medications / follow precautions as per the manual prepared by the supervisor | - | - | - | - |
| <i>Provide immediate support to accidental situations like poisoning, sunstroke, electrocution, burn injuries, etc.</i> | 5 | 8 | - | 2 |
| PC2. identify the cause of the accident from the symptoms | - | - | - | - |
| PC3. recognize the severity of the accident and suggest for consultation with a veterinarian | - | - | - | - |
| PC4. provide primary/immediate care as specified for each type of accident as per SOP | - | - | - | - |
| <i>Handling of superficial wounds and trauma</i> | 5 | 10 | - | 2 |
| PC5. clean and protect the wound and stop bleeding | - | - | - | - |
| <i>Handling of common ailments</i> | 10 | 20 | - | 6 |
| PC6. recognize symptoms of common diseases listed for the local area by appropriate authorities | - | - | - | - |
| PC7. procure permitted quality medication from approved channels / stores and follow guideline for handling/ storage | - | - | - | - |
| PC8. apply/administer/ dispose medication as per SOP /prescription provided by the veterinarian | - | - | - | - |
| PC9. record administered medications, including suggestions to the client and follow-up done as indicated in SOP | - | - | - | - |
| <i>Support in reproductive emergencies</i> | 4 | 8 | - | 2 |

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| Assessment Criteria for Outcomes | Theory Marks | Practical Marks | Project Marks | Viva Marks |
|---|--------------|-----------------|---------------|------------|
| PC10. recognize signs of dystocia early to seek appropriate help from a supervisor/veterinarian | - | - | - | - |
| PC11. carry out aseptic handling and protection of the prolapsed organ(s) before the arrival of a veterinarian | - | - | - | - |
| NOS Total | 30 | 56 | - | 14 |

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National Occupational Standards (NOS) Parameters

| | |
|----------------------------|--|
| NOS Code | AGR/N4805 |
| NOS Name | Provide Veterinary First Aid and handling of common ailments |
| Sector | Agriculture |
| Sub-Sector | Animal Husbandry |
| Occupation | Livestock Health Management |
| NSQF Level | 4 |
| Credits | 3 |
| Version | 3.0 |
| Last Reviewed Date | 26/11/2024 |
| Next Review Date | 26/11/2027 |
| NSQC Clearance Date | 26/11/2024 |

Qualification Pack

AGR/N4807: Assist government agencies in animal disease control with One Health approach

Description

This OS unit is about assisting government authorities in animal disease control

Scope

The scope covers the following :

- Assistance in the implementation of surveillance programs and One Health initiatives
- Provide leadership for local resource mobilization and partnership
- Implement biosecurity norms within identified area/livestock market/farms as per guideline Recording and reporting of the animal movement route (including cross-border movement)
- Create awareness on livestock value chain/transport-related risky practices Administration of preventive herd level medication (where suggested)
- Reporting of disease incidence /outbreak. Sample collection
- Supervise culling and disposal of animals /bird
- Supervise disinfection of farm premises / local area
- Communicate for safe food handling at the farm level and scientific slaughter in community slabs.

Elements and Performance Criteria

Assistance in the implementation of surveillance programs and One Health initiatives

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

- PC1.** relate to multiple factors that can predispose or cause the spread of diseases
- PC2.** collect data related to various surveillance programs as per the supervisor's instructions
- PC3.** explain the "one health approach" in controlling diseases and cooperate with partnering agencies/ integrated team
- PC4.** explain the importance of measures taken to address the spread of zoonotic disease and to control antimicrobial resistance (AMR)
- PC5.** identify potential zoonotic diseases and explain precautions and practices required to avoid transmission

Provide leadership for local resource mobilization and partnership

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

- PC6.** support mobilization of local resources to strengthen government efforts to reach out to farmers for events like vaccination camps, etc

Implement biosecurity plans within identified areas/livestock markets/farms as per guideline

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

- PC7.** collect data for government records on livestock markets/farms
- PC8.** communicate with officials of local self-government and market institutions
- PC9.** plan implementation of approved government biosecurity guidelines related to the market operation, cleaning, etc.

Record and reporting of the animal movement route (including cross-border movement)

Qualification Pack

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

PC10. describe routes in relation to approved maps/known border areas

PC11. record nature of trade/frequency of movement/location of animal holding areas, trade volume, etc.

PC12. report animal movement as per standard format

Create awareness of livestock value chain/transport-related risky practices

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

PC13. explain common activities from farm to fork, relationships between people and movement of goods in livestock/poultry-related business

PC14. identify risky practices and report to veterinarians/superior officers

Safe food handling

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

PC15. communicate to client farmers regarding good practices related to the handling of livestock products for food safety at household and at the farm level

PC16. communicate to client farmers the importance of scientific slaughter practices in community slaughter slabs and sanitary disposal of waste

Reporting of disease incidence /outbreak

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

PC17. list benefit of early disease reporting

PC18. use a standard format for disease reporting

Sample collection

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

PC19. collect permitted samples (animal, feed, food and environmental) as directed by the supervising veterinarian

PC20. label and record sample

PC21. follow proper packaging procedure as per the guidance of the supervisor

PC22. communicates sample test results with recommended action from supervisor/veterinarians to client farmers, maintaining required confidentiality

Supervise culling and disposal of animals /bird

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

PC23. practice humane culling methods as per direction of authority

PC24. ensure scientific disposal of culled carcasses as per guidelines

Supervise disinfection of farm premises / local area

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

PC25. ensure the use of appropriate disinfectant and adoption of the prescribed procedure of application

PC26. ensure coverage of areas/ farms as per the suggestion of government authority

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

KU1. relevant organizational policy on health event reporting/record keeping

Qualification Pack

- KU2.** importance and procedure of disease reporting
- KU3.** the basic concept of one health and its importance
- KU4.** prevalent zoonotic diseases with signs and precautions needed to avoid transmission
- KU5.** prevalent zoonotic diseases with signs and precautions needed to avoid transmission
- KU6.** concept of bio-security control in livestock markets/farms
- KU7.** various activities, the relationship of people associated with livestock and poultry business from farm to fork along with common risky practices
- KU8.** linkage between risky practices, animal movement and disease transmission
- KU9.** locations for collection of permitted animal samples
- KU10.** basic guideline of permitted sample collection (covering animal, feed, food and environmental samples), identification, packaging, and shipping methods
- KU11.** basic principles of biosafety and importance of biological threat
- KU12.** culling, disposal and disinfection methods
- KU13.** scientific slaughter practices in community slaughter slabs and sanitary disposal of waste
- KU14.** good practices related to handling livestock products for food safety at the farm level

Generic Skills (GS)

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

- GS1.** prepare a brief report
- GS2.** fill data sheet
- GS3.** keep abreast with the latest knowledge of disease outbreaks etc. by reading brochures, pamphlets, websites, etc.
- GS4.** read directives from government /organization / supervising veterinarians
- GS5.** discuss task lists, schedules, etc. with co-workers
- GS6.** explain to farmers and other stakeholders on the importance of addressing risky practices for disease control
- GS7.** give clear suggestions/guidance to farmers/clients
- GS8.** make early decisions related to reporting of disease outbreaks
- GS9.** plan various activities
- GS10.** send an email and enter data to a database as per the given format

Qualification Pack

Assessment Criteria

| Assessment Criteria for Outcomes | Theory Marks | Practical Marks | Project Marks | Viva Marks |
|---|--------------|-----------------|---------------|------------|
| <i>Assistance in the implementation of surveillance programs and One Health initiatives</i> | 4 | 3 | - | 3 |
| PC1. relate to multiple factors that can predispose or cause the spread of diseases | - | - | - | - |
| PC2. collect data related to various surveillance programs as per the supervisor's instructions | - | - | - | - |
| PC3. explain the "one health approach" in controlling diseases and cooperate with partnering agencies/ integrated team | - | - | - | - |
| PC4. explain the importance of measures taken to address the spread of zoonotic disease and to control antimicrobial resistance (AMR) | - | - | - | - |
| PC5. identify potential zoonotic diseases and explain precautions and practices required to avoid transmission | - | - | - | - |
| <i>Provide leadership for local resource mobilization and partnership</i> | - | 4 | - | 1 |
| PC6. support mobilization of local resources to strengthen government efforts to reach out to farmers for events like vaccination camps, etc | - | - | - | - |
| <i>Implement biosecurity plans within identified areas/livestock markets/farms as per guideline</i> | 3 | 3 | - | 4 |
| PC7. collect data for government records on livestock markets/farms | - | - | - | - |
| PC8. communicate with officials of local self-government and market institutions | - | - | - | - |
| PC9. plan implementation of approved government biosecurity guidelines related to the market operation, cleaning, etc. | - | - | - | - |
| <i>Record and reporting of the animal movement route (including cross-border movement)</i> | 3 | - | - | 2 |
| PC10. describe routes in relation to approved maps/known border areas | - | - | - | - |

Qualification Pack

| Assessment Criteria for Outcomes | Theory Marks | Practical Marks | Project Marks | Viva Marks |
|--|--------------|-----------------|---------------|------------|
| PC11. record nature of trade/frequency of movement/location of animal holding areas, trade volume, etc. | - | - | - | - |
| PC12. report animal movement as per standard format | - | - | - | - |
| <i>Create awareness of livestock value chain/transport-related risky practices</i> | 2 | 3 | - | 2 |
| PC13. explain common activities from farm to fork, relationships between people and movement of goods in livestock/poultry-related business | - | - | - | - |
| PC14. identify risky practices and report to veterinarians/superior officers | - | - | - | - |
| <i>Safe food handling</i> | 6 | - | - | 4 |
| PC15. communicate to client farmers regarding good practices related to the handling of livestock products for food safety at household and at the farm level | - | - | - | - |
| PC16. communicate to client farmers the importance of scientific slaughter practices in community slaughter slabs and sanitary disposal of waste | - | - | - | - |
| <i>Reporting of disease incidence /outbreak</i> | 5 | 5 | - | 3 |
| PC17. list benefit of early disease reporting | - | - | - | - |
| PC18. use a standard format for disease reporting | - | - | - | - |
| <i>Sample collection</i> | 8 | 10 | - | 2 |
| PC19. collect permitted samples (animal, feed, food and environmental) as directed by the supervising veterinarian | - | - | - | - |
| PC20. label and record sample | - | - | - | - |
| PC21. follow proper packaging procedure as per the guidance of the supervisor | - | - | - | - |

Qualification Pack

| Assessment Criteria for Outcomes | Theory Marks | Practical Marks | Project Marks | Viva Marks |
|---|--------------|-----------------|---------------|------------|
| PC22. communicates sample test results with recommended action from supervisor/veterinarians to client farmers, maintaining required confidentiality | - | - | - | - |
| <i>Supervise culling and disposal of animals /bird</i> | 6 | 3 | - | 1 |
| PC23. practice humane culling methods as per direction of authority | - | - | - | - |
| PC24. ensure scientific disposal of culled carcasses as per guidelines | - | - | - | - |
| <i>Supervise disinfection of farm premises / local area</i> | 3 | 5 | - | 2 |
| PC25. ensure the use of appropriate disinfectant and adoption of the prescribed procedure of application | - | - | - | - |
| PC26. ensure coverage of areas/ farms as per the suggestion of government authority | - | - | - | - |
| NOS Total | 40 | 36 | - | 24 |

Qualification Pack

National Occupational Standards (NOS) Parameters

| | |
|----------------------------|---|
| NOS Code | AGR/N4807 |
| NOS Name | Assist government agencies in animal disease control with One Health approach |
| Sector | Agriculture |
| Sub-Sector | Animal Husbandry |
| Occupation | Livestock Health Management |
| NSQF Level | 4 |
| Credits | 1 |
| Version | 3.0 |
| Last Reviewed Date | 26/11/2024 |
| Next Review Date | 26/11/2027 |
| NSQC Clearance Date | 26/11/2024 |

Qualification Pack

AGR/N4808: Assist in veterinary extension services

Description

This OS unit is about assisting organizations in conducting veterinary extension-related activities.

Scope

The scope covers the following :

- promoting approved technology and best practices (viz housing, feeding, breeding including organic practices) in livestock farming, handling animal products
- assist farmers on quality farm input selection and procurement
- engagement with community and sustainable delivery of services
- use of mobile and other technology for extension/client education

Elements and Performance Criteria

Promoting approved technology and best practices in housing, feeding, breeding and other related areas in livestock farming and handling of animal products

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

- PC1.** explain the applicability and benefit associated with common approved technology(s) / best practice(s) in the context of local situations, opportunities, and constraints
- PC2.** give feedback on technology application in the field and need for improvement
- PC3.** organize extension events based on farmer convenience and seasonal suitability

Assist farmers on quality farm input selection and procurement

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

- PC4.** explain quality parameters regarding various farm inputs
- PC5.** identify sources, plan and organize farmers for intelligent (timely, quality, and appropriate cost- based) procurement of inputs

Engagement with community and delivery of sustainable services

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

- PC6.** recognize how gender and other social factors impact management of animals
- PC7.** follow various related development programs ongoing within the community and contribute meaningfully to such programs
- PC8.** prepare and support community and individual farmers to face disasters
- PC9.** apply basic principles of management needed for sustainable delivery of services within a community
- PC10.** network with various people and associations within profession, community and in livestock business

Use of mobile and other technology for extension/client education

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

- PC11.** use modern communication devices, audio-visual aids to explain farmers/clients

Qualification Pack

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** basic extension concepts
- KU2.** Production cycle of farm animals
- KU3.** basics of breeding and selection of animals. (with brief introduction to state breeding policy)
- KU4.** prerequisite for setting up of a livestock farm /related business
- KU5.** basics of animal housing and farm infrastructure (Focusing on smallholder)
- KU6.** sanitation and hygiene within farm premises and waste disposal
- KU7.** water and land use efficiency
- KU8.** concept of organic production and natural livestock farming
- KU9.** common popular production/processing technologies in livestock/poultry farming / product handling. (Appropriate to the region/state)
- KU10.** common feed ingredients/fodder variety and their uses/fodder preservation and enrichment
- KU11.** importance of mineral mixture and feed supplements in animal ration
- KU12.** basics of feeding management including ration balancing
- KU13.** handling of infertility focusing on nutritional approach
- KU14.** basics of managing livestock business
- KU15.** clean milk production
- KU16.** organoleptic testing of feed
- KU17.** preparing for disasters and dos and don'ts in the event of disasters
- KU18.** government development schemes for livestock farmers (with respect to the local area)
- KU19.** use of communication devices and relevant mobile applications
- KU20.** importance of data and use of data collection tool (including electronic)

Generic Skills (GS)

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

- GS1.** prepare a brief field program report
- GS2.** fill datasheet and survey form
- GS3.** read government/organizational guideline/manuals
- GS4.** keep abreast with the latest knowledge/technologies by reading brochures, pamphlets, and other related information sheet
- GS5.** discuss task lists, schedules, etc. with co-workers
- GS6.** explain farmers/clients on the use of various technologies
- GS7.** give clear suggestions/guidance to farmers/clients
- GS8.** make decisions related to the suitability of any technology based on local situations
- GS9.** plan for various extension events
- GS10.** use electronic communication/presentation tools

Qualification Pack

- GS11.** investigate and analyze adopted technologies and provide feedback to supervising veterinarian/scientist

Qualification Pack

Assessment Criteria

| Assessment Criteria for Outcomes | Theory Marks | Practical Marks | Project Marks | Viva Marks |
|---|--------------|-----------------|---------------|------------|
| <i>Promoting approved technology and best practices in housing, feeding, breeding and other related areas in livestock farming and handling of animal products</i> | 30 | 18 | - | 2 |
| PC1. explain the applicability and benefit associated with common approved technology(s) / best practice(s) in the context of local situations, opportunities, and constraints | - | - | - | - |
| PC2. give feedback on technology application in the field and need for improvement | - | - | - | - |
| PC3. organize extension events based on farmer convenience and seasonal suitability | - | - | - | - |
| <i>Assist farmers on quality farm input selection and procurement</i> | 10 | 10 | - | 2 |
| PC4. explain quality parameters regarding various farm inputs | - | - | - | - |
| PC5. identify sources, plan and organize farmers for intelligent (timely, quality, and appropriate cost- based) procurement of inputs | - | - | - | - |
| <i>Engagement with community and delivery of sustainable services</i> | 15 | - | - | 5 |
| PC6. recognize how gender and other social factors impact management of animals | - | - | - | - |
| PC7. follow various related development programs ongoing within the community and contribute meaningfully to such programs | - | - | - | - |
| PC8. prepare and support community and individual farmers to face disasters | - | - | - | - |
| PC9. apply basic principles of management needed for sustainable delivery of services within a community | - | - | - | - |
| PC10. network with various people and associations within profession, community and in livestock business | - | - | - | - |

Qualification Pack

| Assessment Criteria for Outcomes | Theory Marks | Practical Marks | Project Marks | Viva Marks |
|---|--------------|-----------------|---------------|------------|
| <i>Use of mobile and other technology for extension/client education</i> | - | 5 | - | 3 |
| PC11. use modern communication devices, audio-visual aids to explain farmers/clients | - | - | - | - |
| NOS Total | 55 | 33 | - | 12 |

Qualification Pack

National Occupational Standards (NOS) Parameters

| | |
|----------------------------|---|
| NOS Code | AGR/N4808 |
| NOS Name | Assist in veterinary extension services |
| Sector | Agriculture |
| Sub-Sector | Animal Husbandry |
| Occupation | Livestock Health Management |
| NSQF Level | 4 |
| Credits | 2 |
| Version | 3.0 |
| Last Reviewed Date | 26/11/2024 |
| Next Review Date | 26/11/2027 |
| NSQC Clearance Date | 26/11/2024 |

Qualification Pack

AGR/N4823: Assist in Animal Welfare, Breed Conservation, and Disaster Management

Description

This OS unit is about assisting an organization in implementing programs related to animal welfare and conservation.

Scope

The scope covers the following :

- Identifying and reporting cruelty to animals/birds
- Supporting the management of human-animal conflict
- Promotion of rearing of purebred indigenous animals
- Addressing the needs of disabled, infirm animals (in Gaushala's the protective shelters for cows in India)
- Supporting disaster preparedness and handling

Elements and Performance Criteria

Identifying and reporting cruelty to animals/birds

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

PC1. identify and explain the cruelty for effective reporting

Supporting the management of human-animal conflict

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

PC2. explain the stakeholders on common prevention and protection strategies related to the common conflict situation

Promotion of rearing of purebred indigenous animals

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

PC3. identify and promote the economic use of indigenous farm animals

Addressing the needs of disabled, infirm animals (in Gaushala's the protective shelters for cows in India)

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

PC4. ensure specific housing requirements of disabled, infirm animals

PC5. provide required care to recumbent animals

Supporting disaster preparedness and handling

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

PC6. assist in stocking (as a preparedness) and mobilization of feed/fodder at the time of disasters

PC7. work with community and disaster management authorities to provide safe passage to animals/livestock

PC8. provide care/shelter to animals in distress

PC9. carry out disposal of the carcass as per the guidelines

PC10. carry out culling and other measures suggested in case of disease-related emergencies

Qualification Pack

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** relevant organizational guidelines on reporting and partnerships
- KU2.** basic concept of animal welfare e.g. five freedoms
- KU3.** Common cruelty inflicted on animals
- KU4.** importance of conservation and the essential role of wildlife in ecosystem functioning
- KU5.** common prevention and protection strategies in human-animal conflict situations
- KU6.** Introduction to disaster management
- KU7.** rules and regulations related to animal welfare and wildlife conservation

Generic Skills (GS)

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

- GS1.** prepare a brief report
- GS2.** read government / organizational guidelines
- GS3.** read directives from government/organization / supervising veterinarians
- GS4.** discuss task lists, schedules, etc. with co-workers
- GS5.** explain farmers/animal owners on disaster management issues
- GS6.** make decisions related to steps needed to protect the interest of livestock/animals in the event of a disaster
- GS7.** plan various activities
- GS8.** use mobile/electronic gadgets helpful during disasters

Qualification Pack

Assessment Criteria

| Assessment Criteria for Outcomes | Theory Marks | Practical Marks | Project Marks | Viva Marks |
|--|--------------|-----------------|---------------|------------|
| <i>Identifying and reporting cruelty to animals/birds</i> | 5 | 3 | - | 2 |
| PC1. identify and explain the cruelty for effective reporting | - | - | - | - |
| <i>Supporting the management of human-animal conflict</i> | 3 | 5 | - | 2 |
| PC2. explain the stakeholders on common prevention and protection strategies related to the common conflict situation | - | - | - | - |
| <i>Promotion of rearing of purebred indigenous animals</i> | 5 | 3 | - | 2 |
| PC3. identify and promote the economic use of indigenous farm animals | - | - | - | - |
| <i>Addressing the needs of disabled, infirm animals (in Gaushala's the protective shelters for cows in India)</i> | 10 | 16 | - | 4 |
| PC4. ensure specific housing requirements of disabled, infirm animals | - | - | - | - |
| PC5. provide required care to recumbent animals | - | - | - | - |
| <i>Supporting disaster preparedness and handling</i> | 22 | 13 | - | 5 |
| PC6. assist in stocking (as a preparedness) and mobilization of feed/fodder at the time of disasters | - | - | - | - |
| PC7. work with community and disaster management authorities to provide safe passage to animals/livestock | - | - | - | - |
| PC8. provide care/shelter to animals in distress | - | - | - | - |
| PC9. carry out disposal of the carcass as per the guidelines | - | - | - | - |
| PC10. carry out culling and other measures suggested in case of disease-related emergencies | - | - | - | - |

Qualification Pack

| Assessment Criteria for Outcomes | Theory Marks | Practical Marks | Project Marks | Viva Marks |
|----------------------------------|--------------|-----------------|---------------|------------|
| NOS Total | 45 | 40 | - | 15 |

Qualification Pack

National Occupational Standards (NOS) Parameters

| | |
|----------------------------|---|
| NOS Code | AGR/N4823 |
| NOS Name | Assist in Animal Welfare, Breed Conservation, and Disaster Management |
| Sector | Agriculture |
| Sub-Sector | Animal Husbandry |
| Occupation | Livestock Health Management |
| NSQF Level | 4 |
| Credits | 1 |
| Version | 2.0 |
| Last Reviewed Date | 26/11/2024 |
| Next Review Date | 26/11/2027 |
| NSQC Clearance Date | 26/11/2024 |

Qualification Pack

DGT/VSQ/N0102: Employability Skills (60 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
- Career Development & Goal Setting
- 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.** identify employability skills required for jobs in various industries
- PC2.** identify and explore learning and employability portals

Constitutional values – Citizenship

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

- PC3.** recognize the significance of constitutional values, including civic rights and duties, citizenship, responsibility towards society etc. and personal values and ethics such as honesty, integrity, caring and respecting others, etc.
- PC4.** follow environmentally sustainable practices

Becoming a Professional in the 21st Century

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

- PC5.** recognize the significance of 21st Century Skills for employment
- PC6.** practice the 21st Century Skills such as Self-Awareness, Behaviour Skills, time management, critical and adaptive thinking, problem-solving, creative thinking, social and cultural awareness, emotional awareness, learning to learn for continuous learning etc. in personal and professional life

Basic English Skills

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

Qualification Pack

- PC7.** use basic English for everyday conversation in different contexts, in person and over the telephone
- PC8.** read and understand routine information, notes, instructions, mails, letters etc. written in English
- PC9.** write short messages, notes, letters, e-mails etc. in English

Career Development & Goal Setting

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

- PC10.** understand the difference between job and career
- PC11.** prepare a career development plan with short- and long-term goals, based on aptitude

Communication Skills

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

- PC12.** follow verbal and non-verbal communication etiquette and active listening techniques in various settings
- PC13.** work collaboratively with others in a team

Diversity & Inclusion

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

- PC14.** communicate and behave appropriately with all genders and PwD
- PC15.** escalate any issues related to sexual harassment at workplace according to POSH Act

Financial and Legal Literacy

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

- PC16.** select financial institutions, products and services as per requirement
- PC17.** carry out offline and online financial transactions, safely and securely
- PC18.** identify common components of salary and compute income, expenses, taxes, investments etc
- PC19.** identify relevant rights and laws and use legal aids to fight against legal exploitation

Essential Digital Skills

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

- PC20.** operate digital devices and carry out basic internet operations securely and safely
- PC21.** use e-mail and social media platforms and virtual collaboration tools to work effectively
- PC22.** use basic features of word processor, spreadsheets, and presentations

Entrepreneurship

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

- PC23.** identify different types of Entrepreneurship and Enterprises and assess opportunities for potential business through research
- PC24.** develop a business plan and a work model, considering the 4Ps of Marketing Product, Price, Place and Promotion
- PC25.** identify sources of funding, anticipate, and mitigate any financial/ legal hurdles for the potential business opportunity

Customer Service

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

- PC26.** identify different types of customers
- PC27.** identify and respond to customer requests and needs in a professional manner.

Qualification Pack

PC28. follow appropriate hygiene and grooming standards

Getting ready for apprenticeship & Jobs

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

PC29. create a professional Curriculum vitae (Résumé)

PC30. search for suitable jobs using reliable offline and online sources such as Employment exchange, recruitment agencies, newspapers etc. and job portals, respectively

PC31. apply to identified job openings using offline /online methods as per requirement

PC32. answer questions politely, with clarity and confidence, during recruitment and selection

PC33. identify apprenticeship opportunities and register for it as per guidelines and requirements

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

KU1. need for employability skills and different learning and employability related portals

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 English language for effective verbal (face to face and telephonic) and written communication in formal and informal set up

KU6. importance of career development and setting long- and short-term goals

KU7. about effective communication

KU8. POSH Act

KU9. Gender sensitivity and inclusivity

KU10. different types of financial institutes, products, and services

KU11. how to compute income and expenditure

KU12. importance of maintaining safety and security in offline and online financial transactions

KU13. different legal rights and laws

KU14. different types of digital devices and the procedure to operate them safely and securely

KU15. how to create and operate an e- mail account and use applications such as word processors, spreadsheets etc.

KU16. how to identify business opportunities

KU17. types and needs of customers

KU18. how to apply for a job and prepare for an interview

KU19. apprenticeship scheme and the process of registering on apprenticeship portal

Generic Skills (GS)

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

GS1. read and write different types of documents/instructions/correspondence

GS2. communicate effectively using appropriate language in formal and informal settings

Qualification Pack

- GS3.** behave politely and appropriately with all
- GS4.** how to work in a virtual mode
- GS5.** perform calculations efficiently
- GS6.** solve problems effectively
- GS7.** pay attention to details
- GS8.** manage time efficiently
- GS9.** maintain hygiene and sanitization to avoid infection

Qualification Pack

Assessment Criteria

| Assessment Criteria for Outcomes | Theory Marks | Practical Marks | Project Marks | Viva Marks |
|--|--------------|-----------------|---------------|------------|
| <i>Introduction to Employability Skills</i> | 1 | 1 | - | - |
| PC1. identify employability skills required for jobs in various industries | - | - | - | - |
| PC2. identify and explore learning and employability portals | - | - | - | - |
| <i>Constitutional values – Citizenship</i> | 1 | 1 | - | - |
| PC3. recognize the significance of constitutional values, including civic rights and duties, citizenship, responsibility towards society etc. and personal values and ethics such as honesty, integrity, caring and respecting others, etc. | - | - | - | - |
| PC4. follow environmentally sustainable practices | - | - | - | - |
| <i>Becoming a Professional in the 21st Century</i> | 2 | 4 | - | - |
| PC5. recognize the significance of 21st Century Skills for employment | - | - | - | - |
| PC6. practice the 21st Century Skills such as Self-Awareness, Behaviour Skills, time management, critical and adaptive thinking, problem-solving, creative thinking, social and cultural awareness, emotional awareness, learning to learn for continuous learning etc. in personal and professional life | - | - | - | - |
| <i>Basic English Skills</i> | 2 | 3 | - | - |
| PC7. use basic English for everyday conversation in different contexts, in person and over the telephone | - | - | - | - |
| PC8. read and understand routine information, notes, instructions, mails, letters etc. written in English | - | - | - | - |
| PC9. write short messages, notes, letters, e-mails etc. in English | - | - | - | - |
| <i>Career Development & Goal Setting</i> | 1 | 2 | - | - |

Qualification Pack

| Assessment Criteria for Outcomes | Theory Marks | Practical Marks | Project Marks | Viva Marks |
|---|--------------|-----------------|---------------|------------|
| PC10. understand the difference between job and career | - | - | - | - |
| PC11. prepare a career development plan with short- and long-term goals, based on aptitude | - | - | - | - |
| <i>Communication Skills</i> | 2 | 2 | - | - |
| PC12. follow verbal and non-verbal communication etiquette and active listening techniques in various settings | - | - | - | - |
| PC13. work collaboratively with others in a team | - | - | - | - |
| <i>Diversity & Inclusion</i> | 1 | 2 | - | - |
| PC14. communicate and behave appropriately with all genders and PwD | - | - | - | - |
| PC15. escalate any issues related to sexual harassment at workplace according to POSH Act | - | - | - | - |
| <i>Financial and Legal Literacy</i> | 2 | 3 | - | - |
| PC16. select financial institutions, products and services as per requirement | - | - | - | - |
| PC17. carry out offline and online financial transactions, safely and securely | - | - | - | - |
| PC18. identify common components of salary and compute income, expenses, taxes, investments etc | - | - | - | - |
| PC19. identify relevant rights and laws and use legal aids to fight against legal exploitation | - | - | - | - |
| <i>Essential Digital Skills</i> | 3 | 4 | - | - |
| PC20. operate digital devices and carry out basic internet operations securely and safely | - | - | - | - |
| PC21. use e- mail and social media platforms and virtual collaboration tools to work effectively | - | - | - | - |
| PC22. use basic features of word processor, spreadsheets, and presentations | - | - | - | - |

Qualification Pack

| Assessment Criteria for Outcomes | Theory Marks | Practical Marks | Project Marks | Viva Marks |
|--|--------------|-----------------|---------------|------------|
| <i>Entrepreneurship</i> | 2 | 3 | - | - |
| PC23. identify different types of Entrepreneurship and Enterprises and assess opportunities for potential business through research | - | - | - | - |
| PC24. develop a business plan and a work model, considering the 4Ps of Marketing Product, Price, Place and Promotion | - | - | - | - |
| PC25. identify sources of funding, anticipate, and mitigate any financial/ legal hurdles for the potential business opportunity | - | - | - | - |
| <i>Customer Service</i> | 1 | 2 | - | - |
| PC26. identify different types of customers | - | - | - | - |
| PC27. identify and respond to customer requests and needs in a professional manner. | - | - | - | - |
| PC28. follow appropriate hygiene and grooming standards | - | - | - | - |
| <i>Getting ready for apprenticeship & Jobs</i> | 2 | 3 | - | - |
| PC29. create a professional Curriculum vitae (Résumé) | - | - | - | - |
| PC30. search for suitable jobs using reliable offline and online sources such as Employment exchange, recruitment agencies, newspapers etc. and job portals, respectively | - | - | - | - |
| PC31. apply to identified job openings using offline /online methods as per requirement | - | - | - | - |
| PC32. answer questions politely, with clarity and confidence, during recruitment and selection | - | - | - | - |
| PC33. identify apprenticeship opportunities and register for it as per guidelines and requirements | - | - | - | - |
| NOS Total | 20 | 30 | - | - |

Qualification Pack

National Occupational Standards (NOS) Parameters

| | |
|----------------------------|---------------------------------|
| NOS Code | DGT/VSQ/N0102 |
| NOS Name | Employability Skills (60 Hours) |
| Sector | Cross Sectoral |
| Sub-Sector | Professional Skills |
| Occupation | Employability |
| NSQF Level | 4 |
| Credits | 2 |
| Version | 1.0 |
| Last Reviewed Date | 18/02/2025 |
| Next Review Date | 18/02/2028 |
| NSQC Clearance Date | 18/02/2025 |

Qualification Pack

AGR/N4810: Facilitate program implementation and marketing in the livestock sector

Description

This OS unit is about assisting organizations in implementing programs and projects in the livestock sector (including one related to the marketing of livestock products).

Scope

The scope covers the following :

- Facilitate implementation of government / private development programs including livestock insurance
- Engagement with 'farmers' institutions and local self-government (Panchayat)
- Facilitate agri-livestock related economic activity of self-help groups
- Facilitate marketing of livestock farm inputs / products

Elements and Performance Criteria

Facilitate implementation of government / private development programs including livestock insurance

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

- PC1.** promote awareness of programs and help in targeted beneficiary selection as envisioned in the project/program
- PC2.** work with selected project beneficiaries in implementing activities as envisaged in promoted programs
- PC3.** practice ear tagging in livestock and register animal for insurance

Engagement with 'farmers' institutions and local self-government (Panchayat)

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

- PC4.** attend and support during meeting /programs of farmer's institutions/panchayats
- PC5.** inform/involve farmer leaders/panchayat functionaries in the selection of program beneficiaries
- PC6.** facilitate organization's panchayat endeavor to ensure convergence of development projects for synergy

Facilitate agri-livestock related economic activity of self-help groups

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

- PC7.** support and handhold formation of self-help groups
- PC8.** guide farmers on business options and basic economics of various livestock-linked activities

Facilitate marketing of livestock farm inputs / products

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

- PC9.** support farmers to produce for market and ensure aggregation, collective marketing of livestock products
- PC10.** deliver market-related e.g. prices, etc. information to farmers
- PC11.** promote use of quality livestock farm inputs

Qualification Pack

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** relevant organizational policy and programs
- KU2.** sustainable development and goal for same
- KU3.** basics of project development and management
- KU4.** guideline on self-help group/producer company formation and functioning
- KU5.** common livestock-based business activities and economics thereof
- KU6.** benefits of local area livestock /rural development programs
- KU7.** concept of livestock insurance and introduction to IRDA guidelines
- KU8.** basics of marketing and markets in the context of livestock products

Generic Skills (GS)

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

- GS1.** prepare a brief report
- GS2.** read government/organizational guideline/manuals
- GS3.** keep abreast with the latest information/knowledge on the rural development livestock market by reading newspapers, magazines, etc.
- GS4.** discuss and explain benefit/outcome development programs
- GS5.** listen and comprehend 'farmer's problems and suggestions
- GS6.** plan activities
- GS7.** use electronic gadgets to promote programs/projects and engage with farmers/clients
- GS8.** investigate and analyze opportunities and difficulties in program implementation

Qualification Pack

Assessment Criteria

| Assessment Criteria for Outcomes | Theory Marks | Practical Marks | Project Marks | Viva Marks |
|---|--------------|-----------------|---------------|------------|
| <i>Facilitate implementation of government / private development programs including livestock insurance</i> | 10 | 13 | - | 7 |
| PC1. promote awareness of programs and help in targeted beneficiary selection as envisioned in the project/program | - | - | - | - |
| PC2. work with selected project beneficiaries in implementing activities as envisaged in promoted programs | - | - | - | - |
| PC3. practice ear tagging in livestock and register animal for insurance | - | - | - | - |
| <i>Engagement with 'farmers' institutions and local self-government (Panchayat)</i> | 5 | 10 | - | 5 |
| PC4. attend and support during meeting /programs of farmer's institutions/panchayats | - | - | - | - |
| PC5. inform/involve farmer leaders/panchayat functionaries in the selection of program beneficiaries | - | - | - | - |
| PC6. facilitate organization's panchayat endeavor to ensure convergence of development projects for synergy | - | - | - | - |
| <i>Facilitate agri-livestock related economic activity of self-help groups</i> | 10 | 5 | - | 10 |
| PC7. support and handhold formation of self-help groups | - | - | - | - |
| PC8. guide farmers on business options and basic economics of various livestock-linked activities | - | - | - | - |
| <i>Facilitate marketing of livestock farm inputs / products</i> | 5 | 12 | - | 8 |
| PC9. support farmers to produce for market and ensure aggregation, collective marketing of livestock products | - | - | - | - |
| PC10. deliver market-related e.g. prices, etc. information to farmers | - | - | - | - |

Qualification Pack

| Assessment Criteria for Outcomes | Theory Marks | Practical Marks | Project Marks | Viva Marks |
|---|--------------|-----------------|---------------|------------|
| PC11. promote use of quality livestock farm inputs | - | - | - | - |
| NOS Total | 30 | 40 | - | 30 |

Qualification Pack

National Occupational Standards (NOS) Parameters

| | |
|----------------------------|---|
| NOS Code | AGR/N4810 |
| NOS Name | Facilitate program implementation and marketing in the livestock sector |
| Sector | Agriculture |
| Sub-Sector | Animal Husbandry |
| Occupation | Livestock Health Management |
| NSQF Level | 4 |
| Credits | 1 |
| Version | 4.0 |
| Last Reviewed Date | 26/11/2024 |
| Next Review Date | 26/11/2027 |
| NSQC Clearance Date | 26/11/2024 |

Qualification Pack

AGR/N4821: Implementation of animal breeding services in small farm animals

Description

This OS unit is about assisting organization in implementing programs related to animal breeding in small farm animals.

Scope

The scope covers the following :

- Maintaining database of good animal breeders
- Assist farmers in quality animal selection / purchase
- Conduct artificial insemination
- Assist farmers on management of unproductive animals
- Post insemination support, data recording, and Performance monitoring of breeding services

Elements and Performance Criteria

Maintaining database of good animal breeders

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

PC1. support farmers/clients with information on sourcing of good breeding animals

Assist farmers in quality animal selection / purchase

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

PC2. assist farmers/clients in selecting animals with the proper breed and other characteristics for breeding purposes

Conduct artificial insemination

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

PC3. recognize heat in livestock

PC4. use semen of appropriate quality and blood level

PC5. comply with the prescribed procedures in handling semen straw and in conducting insemination

PC6. practice artificial insemination in time

Assist farmers on management of unproductive animals

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

PC7. illustrate farmers/clients common infertility issues and their handling

PC8. guide farmers on appropriate feeding of breeding animals e.g. mineral supplementation, etc.

PC9. guide farmers on maintaining an optimum number of animals based on breeding plan and suggest techniques to improve performance

Post insemination support, data recording, and Performance monitoring of breeding services

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

PC10. support/assist farmer in handling common difficulties related to animal birth

Qualification Pack

- PC11.** use field data collection tools (including electronic reader / mobile-based data collection) as per given specifications
- PC12.** provide the organization with standard required information such as semen used, time of heat, time of insemination, kid/piglet born, etc., needed to monitor breeding services

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** relevant organizational policy on breeding
- KU2.** basic of reproductive physiology e.g estrous cycle, signs, etc. and anatomy of reproductive organs in goat, pigs, etc.
- KU3.** basic of genetics e.g. selective breeding/cross-breeding
- KU4.** concept of artificial insemination
- KU5.** semen straw handling procedure and safety requirement in the handling of liquid nitrogen
- KU6.** technical procedure of artificial insemination
- KU7.** feeding of breeding animals, mineral supplementation, etc.
- KU8.** common animal birth-related difficulties in small animals and handling of same.

Generic Skills (GS)

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

- GS1.** prepare a brief case report
- GS2.** fill monitoring related forms etc.
- GS3.** read the label of semen straws
- GS4.** read manufacturer guideline of various common equipment uses in breeding services
- GS5.** read directives from government/organization / supervising veterinarians
- GS6.** discuss task lists, schedules, etc. with co-workers
- GS7.** explain farmers/clients on artificial insemination procedures
- GS8.** give clear suggestions / guidance to farmers / clients
- GS9.** make decisions related to time, appropriate application of artificial insemination technologies, etc.
- GS10.** plan various procedures
- GS11.** use electronic/mobile tools (where available) to record and send breeding related data to servers
- GS12.** investigate and analyze in relation to difficulties, failures, etc.

Qualification Pack

Assessment Criteria

| Assessment Criteria for Outcomes | Theory Marks | Practical Marks | Project Marks | Viva Marks |
|--|--------------|-----------------|---------------|------------|
| <i>Maintaining database of good animal breeders</i> | 5 | 3 | - | 2 |
| PC1. support farmers/clients with information on sourcing of good breeding animals | - | - | - | - |
| <i>Assist farmers in quality animal selection / purchase</i> | 10 | 8 | - | 2 |
| PC2. assist farmers/clients in selecting animals with the proper breed and other characteristics for breeding purposes | - | - | - | - |
| <i>Conduct artificial insemination</i> | 19 | 15 | - | 4 |
| PC3. recognize heat in livestock | - | - | - | - |
| PC4. use semen of appropriate quality and blood level | - | - | - | - |
| PC5. comply with the prescribed procedures in handling semen straw and in conducting insemination | - | - | - | - |
| PC6. practice artificial insemination in time | - | - | - | - |
| <i>Assist farmers on management of unproductive animals</i> | 11 | - | - | 6 |
| PC7. illustrate farmers/clients common infertility issues and their handling | - | - | - | - |
| PC8. guide farmers on appropriate feeding of breeding animals e.g. mineral supplementation, etc. | - | - | - | - |
| PC9. guide farmers on maintaining an optimum number of animals based on breeding plan and suggest techniques to improve performance | - | - | - | - |
| <i>Post insemination support, data recording, and Performance monitoring of breeding services</i> | 2 | 11 | - | 2 |
| PC10. support/assist farmer in handling common difficulties related to animal birth | - | - | - | - |

Qualification Pack

| Assessment Criteria for Outcomes | Theory Marks | Practical Marks | Project Marks | Viva Marks |
|---|--------------|-----------------|---------------|------------|
| PC11. use field data collection tools (including electronic reader / mobile-based data collection) as per given specifications | - | - | - | - |
| PC12. provide the organization with standard required information such as semen used, time of heat, time of insemination, kid/piglet born, etc., needed to monitor breeding services | - | - | - | - |
| NOS Total | 47 | 37 | - | 16 |

Qualification Pack

National Occupational Standards (NOS) Parameters

| | |
|----------------------------|--|
| NOS Code | AGR/N4821 |
| NOS Name | Implementation of animal breeding services in small farm animals |
| Sector | Agriculture |
| Sub-Sector | Animal Husbandry |
| Occupation | Livestock Health Management |
| NSQF Level | 4 |
| Credits | 2 |
| Version | 3.0 |
| Last Reviewed Date | 26/11/2024 |
| Next Review Date | 26/11/2027 |
| NSQC Clearance Date | 26/11/2024 |

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.

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 |
|---|--------------|-----------------|---------------|------------|-------------|------------|
| AGR/N4801.Carry out Controlling/restraining / examination of animals | 30 | 50 | - | 20 | 100 | 15 |
| AGR/N4802.Carry out Vaccination and implementing regular preventive health care program | 35 | 43 | - | 22 | 100 | 15 |
| AGR/N4805.Provide Veterinary First Aid and handling of common ailments | 30 | 56 | - | 14 | 100 | 25 |
| AGR/N4807.Assist government agencies in animal disease control with One Health approach | 40 | 36 | - | 24 | 100 | 10 |
| AGR/N4808.Assist in veterinary extension services | 55 | 33 | - | 12 | 100 | 20 |
| AGR/N4823.Assist in Animal Welfare, Breed Conservation, and Disaster Management | 45 | 40 | - | 15 | 100 | 10 |
| DGT/VSQ/N0102.Employability Skills (60 Hours) | 20 | 30 | - | - | 50 | 5 |
| Total | 255 | 288 | - | 107 | 650 | 100 |

Optional: 1 Program implementation and marketing in the livestock sector

Qualification Pack

| National Occupational Standards | Theory Marks | Practical Marks | Project Marks | Viva Marks | Total Marks | Weightage |
|---|--------------|-----------------|---------------|------------|-------------|-----------|
| AGR/N4810.Facilitate program implementation and marketing in the livestock sector | 30 | 40 | - | 30 | 100 | 10 |
| Total | 30 | 40 | - | 30 | 100 | 10 |

Optional: 2 Small Animal breeding services

| National Occupational Standards | Theory Marks | Practical Marks | Project Marks | Viva Marks | Total Marks | Weightage |
|--|--------------|-----------------|---------------|------------|-------------|-----------|
| AGR/N4821.Implementation of animal breeding services in small farm animals | 47 | 37 | - | 16 | 100 | 10 |
| Total | 47 | 37 | - | 16 | 100 | 10 |

Qualification Pack

Acronyms

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

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. |

Qualification Pack

| | |
|---|--|
| 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. |