Backyard Poultry Farmer

QP Code: AGR/Q4311

Version: 1.0

NSQF Level: 2

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/Q4311: Backyard Poultry Farmer

Brief Job Description

Backyard Poultry Farmer is responsible for raising different types of domestic birds for the purpose of egg and/or meat production. The person takes various decisions for the viability and sustainability of the poultry farm. The individual ensures proper care of the poultry birds, their health and productivity, meat and/or egg production and marketing of the produce.

Personal Attributes

The individual should be able to work independently or in team as per the work requirement. The person must be smart worker, result oriented, quick decision maker with effective communication and organisation skills and quick learner. The person should have risk taking ability, stamina to work for long hours and the ability to make various operational and strategic decisions pertaining to their work

Applicable National Occupational Standards (NOS)

Compulsory NOS:

1. AGR/N4351: Prepare and maintain housing for poultry birds

2. AGR/N4352: Prepare the poultry shed to manage the chicks/birds

3. AGR/N4353: Provide feed and water to the poultry birds

4. AGR/N4354: Maintain health of poultry birds

5. AGR/N4355: Collect eggs and lift broiler birds for market

6. AGR/N4356: Follow sanitization and biosecurity measures for the replacement stock

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

Qualification Pack (QP) Parameters

Sector	Agriculture
Sub-Sector	Poultry
Occupation	Poultry Farming
Country	India

NSQF Level	2
Credits	7
Aligned to NCO/ISCO/ISIC Code	NCO-2015/6122.0101
Minimum Educational Qualification & Experience	No formal education prescribed
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	29/09/2026
NSQC Approval Date	29/09/2023
Version	1.0
Reference code on NQR	QG-02-AG-01002-2023-V1-ASCI
NQR Version	1.0

AGR/N4351: Prepare and maintain housing for poultry birds

Description

This OS unit is about preparing and maintaining poultry sheds for rearing broiler/layer birds.

Scope

The scope covers the following :

- Prepare the housing area for broiler/layer birds
- Maintain the housing area for broiler/layer birds

Elements and Performance Criteria

Prepare the housing area for broiler/layer birds

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

PC1. carry out micro-planning of activities for poultry business

PC2. identify a suitable location with optimum size and space for the construction of housing area for the broiler/layer birds

PC3. procure the required inputs for the establishment of the poultry farm

PC4. prepare the housing area, adhering to the industry norms and recommendations

PC5. build nesting units for the egg-layers to facilitate proper hatching

PC6. provide adequate number of feeders, water holders and other equipment for the birds housed

PC7. monitor the supply of inputs as per the requirement of birds

Maintain the housing area for broiler/layer birds

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

PC8. follow cleaning routine on a regular basis

PC9. ensure the housing area is sanitized frequently, following the industry standards

PC10. ensure all the tools and equipment are routinely sanitized and stored in designated places as per the the industry norms

PC11. follow the techniques which promote health and safety of the birds as per SOP.

PC12. manage the problems arising while monitoring the housing in order to maintain health and safety of the birds, workers, helpers, etc.

PC13. ensure the disposal of waste materials is done in an eco-friendly manner, adhering to industry standards

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

KU1. rules and regulations pertaining to poultry welfare and farming

KU2. own job role & responsibilities and standard operating procedures

KU3.   relevant legislation, standards, policies and procedures for preparation and management of poultry shed

KU4.   relevant health and safety requirements applicable to the work environment

KU5.   types of poultry housing

KU6.   how to build nesting unit

KU7.   required quantity and quality of materials and equipment required in the poultry shed for maintaining health and hygiene of birds

KU8.   potential hazards which may arise in the shed owing to the materials used or any equipment malfunction or by the birds/humans

KU9.   factors to be considered while monitoring the poultry shed and environmental conditions

KU10.   bio-security measures to be adopted in inter-farm transfer of feed,equipment and movement of man & material.

KU11.   safe waste disposal techniques as per the industry norms

KU12.   impact of not following the health, hygiene, safety and quality standards on birds, consumers and the business

KU13.   seasonal management techniques to combat the climatic stress to the birds

Generic Skills (GS)

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

GS1.   note the information communicated by the workers and helpers

GS2.   note the data which are required for record keeping purpose and maintain the process charts

GS3.   stay updated with the latest knowledge by reading brochures, pamphlets, etc. about processes and equipment used in the concerned work area

GS4.   maintain effective work relationship with other workers, helpers and customers

GS5.   identify problems that may arise in carrying out tasks and take preventative action

GS6.   plan and organize the work orders & activities with the workers to utilize time and equipment effectively

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
Prepare the housing area for broiler/layer birds	**15**	**20**	**-**	**15**
PC1. carry out micro-planning of activities for poultry business	-	-	-	-
PC2. identify a suitable location with optimum size and space for the construction of housing area for the broiler/layer birds	-	-	-	-
PC3. procure the required inputs for the establishment of the poultry farm	-	-	-	-
PC4. prepare the housing area, adhering to the industry norms and recommendations	-	-	-	-
PC5. build nesting units for the egg-layers to facilitate proper hatching	-	-	-	-
PC6. provide adequate number of feeders, water holders and other equipment for the birds housed	-	-	-	-
PC7. monitor the supply of inputs as per the requirement of birds	-	-	-	-
Maintain the housing area for broiler/layer birds	**15**	**20**	**-**	**15**
PC8. follow cleaning routine on a regular basis	-	-	-	-
PC9. ensure the housing area is sanitized frequently, following the industry standards	-	-	-	-
PC10. ensure all the tools and equipment are routinely sanitized and stored in designated places as per the the industry norms	-	-	-	-
PC11. follow the techniques which promote health and safety of the birds as per SOP.	-	-	-	-
PC12. manage the problems arising while monitoring the housing in order to maintain health and safety of the birds, workers, helpers, etc.	-	-	-	-

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC13. ensure the disposal of waste materials is done in an eco-friendly manner, adhering to industry standards	-	-	-	-
NOS Total	**30**	**40**	**-**	**30**

National Occupational Standards (NOS) Parameters

NOS Code	AGR/N4351
NOS Name	Prepare and maintain housing for poultry birds
Sector	Agriculture
Sub-Sector	Poultry
Occupation	Poultry Farming
NSQF Level	2
Credits	1
Version	1.0
Last Reviewed Date	29/09/2023
Next Review Date	29/09/2026
NSQC Clearance Date	29/09/2023

AGR/N4352: Prepare the poultry shed to manage the chicks/birds

Description

This OS unit is about the the preparation of the poultry shed to receive the chicks/birds.and manage them.

Scope

The scope covers the following :

- Receive and handle the chicks/birds
- Manage chicks/birds for better livability and productivity

Elements and Performance Criteria

Receive and handle the chicks/birds

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

PC1.   wear suitable personal protective equipment when receiving and handling poultry birds in their accommodation/sheds

PC2.   ensure the the shed and its surrounding area is thoroughly sanitized before the receipt of new batch of chicks/birds

PC3.   prepare and arrange adequate quantity of materials and establish suitable equipment necessary for the reception of birds prior to their arrival

PC4.   maintain a conducive environment during the arrival and establishment of chicks/birds

PC5.   carry out brooder/shed management with the required stock density, following the industry guidelines

PC6.   adhere to standard operating procedures while carrying out work

PC7.   ensure the chicks/birds are introduced into the accommodation with minimum stress and good health & hygiene

Manage chicks/birds for better livability and productivity

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

PC8.   ensure adequate light and heat in the area to make the place conducive for proper growth and development of chicks/birds

PC9.   ensure adequate feed and water is available with sufficient area for the chicks/birds to move around as recommended in the SOP

PC10.   arrange for bio-security measures and vaccination schedules for better health of chicks/birds

PC11.   ensure balanced feed and sanitized water is being provided to chicks/birds

PC12.   maintain the quality of litter with optimum moisture and ammonia level by racking

PC13.   monitor and assess the condition of chicks/birds to ensure their health and safety

PC14.   ensure the disposal of waste materials is done in an eco-friendly manner, adhering to industry standards

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

KU1. rules and regulations pertaining to poultry welfare and farming

KU2. own job roles & responsibilities and standard operating procedures

KU3. types of housing areas suitable for the chicks/birds

KU4. appropriate stocking density as per the age of birds

KU5. quantity & quality of materials and equipment required in the poultry shed for maintaining health and hygiene of birds

KU6. the signs of stress, normal/abnormal behavior in birds and its alleviation methods

KU7. management practices to be adopted for different climatic condition to achieve the optimum production

KU8. disinfection process for poultry shed, equipment and other tools

KU9. impact of not following the health, hygiene, safety and quality standards on birds, consumers and the business

KU10. waste disposal techniques for litter & discarded feed as per the industry guidelines and policies

Generic Skills (GS)

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

GS1. note the information communicated by the workers and helpers

GS2. read poultry related information to stay updated with the latest developments in the poultry industry

GS3. maintain effective work relationship with other workers, helpers and customers

GS4. identify problems that may arise in carrying out tasks and take preventative action

GS5. plan and organize the work orders & activities with the workers to utilize time and equipment effectively

GS6. analyze the information gathered from one's observation and experiences

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
Receive and handle the chicks/birds	**15**	**20**	**-**	**15**
PC1. wear suitable personal protective equipment when receiving and handling poultry birds in their accommodation/sheds	-	-	-	-
PC2. ensure the the shed and its surrounding area is thoroughly sanitized before the receipt of new batch of chicks/birds	-	-	-	-
PC3. prepare and arrange adequate quantity of materials and establish suitable equipment necessary for the reception of birds prior to their arrival	-	-	-	-
PC4. maintain a conducive environment during the arrival and establishment of chicks/birds	-	-	-	-
PC5. carry out brooder/shed management with the required stock density, following the industry guidelines	-	-	-	-
PC6. adhere to standard operating procedures while carrying out work	-	-	-	-
PC7. ensure the chicks/birds are introduced into the accommodation with minimum stress and good health & hygiene	-	-	-	-
Manage chicks/birds for better livability and productivity	**15**	**15**	**-**	**20**
PC8. ensure adequate light and heat in the area to make the place conducive for proper growth and development of chicks/birds	-	-	-	-
PC9. ensure adequate feed and water is available with sufficient area for the chicks/birds to move around as recommended in the SOP	-	-	-	-
PC10. arrange for bio-security measures and vaccination schedules for better health of chicks/birds	-	-	-	-
PC11. ensure balanced feed and sanitized water is being provided to chicks/birds	-	-	-	-

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC12. maintain the quality of litter with optimum moisture and ammonia level by racking	-	-	-	-
PC13. monitor and assess the condition of chicks/birds to ensure their health and safety	-	-	-	-
PC14. ensure the disposal of waste materials is done in an eco-friendly manner, adhering to industry standards	-	-	-	-
NOS Total	**30**	**35**	**-**	**35**

National Occupational Standards (NOS) Parameters

NOS Code	AGR/N4352
NOS Name	Prepare the poultry shed to manage the chicks/birds
Sector	Agriculture
Sub-Sector	Poultry
Occupation	Poultry Farming
NSQF Level	2
Credits	1
Version	1.0
Last Reviewed Date	29/09/2023
Next Review Date	29/09/2026
NSQC Clearance Date	29/09/2023

AGR/N4353: Provide feed and water to the poultry birds

Description

This OS unit is about procuring, storing and providing feed and water to the birds.

Scope

The scope covers the following :

- Receive and store feed matter
- Provide feed and water to broiler/layer birds

Elements and Performance Criteria

Receive and store feed matter

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

PC1. check the quantity, quality and type of feed for suitability of feeding to the birds

PC2. report any issue with quantity, quality or type of the feed received to the concerned person immediately

PC3. ensure the feed is stored safely over wooden pallets to prevent moisture or fungal/pest infestation

PC4. assess the quality of stored feed on a routine basis for any moisture or fungal/pest infestation and take necessary action

PC5. assess and maintain the feed stock levels as per the requirement of birds in the poultry house

Provide feed and water to the broiler/layer birds

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

PC6. ensure to wash hands appropriately before and after handling bird feed

PC7. ensure all the equipment, PPE, etc. being used to prepare, distribute and mange feed and water are sanitized

PC8. prepare the correct amount of bird feed as directed in the feeding plan in a way that minimizes wastage

PC9. ensure proper distribution of balance feed and sanitized water to the birds

PC10. use the distribution cup to distribute the feed

PC11. provide appropriate feed supplements essential for bird nutrition and growth, if necessary

PC12. adopt feed grams as per the birds' age and body-weight gained

PC13. ensure safe disposal of stale and unused feed & water periodically following the SOP

PC14. monitor the feed & water consumption of the birds and take necessary action in case of any discrepancy

PC15. modify the distribution of feed and water process according to the season

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

KU1. job responsibilities and duties as per the industry policies and guidelines

KU2. procedures of maintaining & sanitizing of feed and water equipment as per the SOP

KU3. different types of feed and supplements

KU4. principles of stock rotation

KU5. the quantity and type of feed and water requirements of birds as per their breed, season and growth stage

KU6. impact of storing feed and water in unclean & improper conditions on birds health and the business

KU7. management techniques of different pests and diseases which affect the feed

KU8. waste disposal techniques for discarded feed as per the industry guidelines and policies

Generic Skills (GS)

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

GS1. communicate relevant information to the workers and helpers

GS2. stay updated with the latest information in the poultry industry by reading newspaper, brochure, etc

GS3. note the information required for the record keeping purpose

GS4. identify problems that may arise in carrying out tasks and take preventative action

GS5. maintain effective work relationship with other workers, helpers and customers

GS6. plan and organize the work orders & activities with the workers to utilize time and equipment effectively

GS7. analyze the information gathered from one's observation and experiences

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
Receive and store feed matter	**15**	**20**	**-**	**15**
PC1. check the quantity, quality and type of feed for suitability of feeding to the birds	-	-	-	-
PC2. report any issue with quantity, quality or type of the feed received to the concerned person immediately	-	-	-	-
PC3. ensure the feed is stored safely over wooden pallets to prevent moisture or fungal/pest infestation	-	-	-	-
PC4. assess the quality of stored feed on a routine basis for any moisture or fungal/pest infestation and take necessary action	-	-	-	-
PC5. assess and maintain the feed stock levels as per the requirement of birds in the poultry house	-	-	-	-
Provide feed and water to the broiler/layer birds	**15**	**25**	**-**	**10**
PC6. ensure to wash hands appropriately before and after handling bird feed	-	-	-	-
PC7. ensure all the equipment, PPE, etc. being used to prepare, distribute and mange feed and water are sanitized	-	-	-	-
PC8. prepare the correct amount of bird feed as directed in the feeding plan in a way that minimizes wastage	-	-	-	-
PC9. ensure proper distribution of balance feed and sanitized water to the birds	-	-	-	-
PC10. use the distribution cup to distribute the feed	-	-	-	-
PC11. provide appropriate feed supplements essential for bird nutrition and growth, if necessary	-	-	-	-

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC12. adopt feed grams as per the birds' age and body-weight gained	-	-	-	-
PC13. ensure safe disposal of stale and unused feed & water periodically following the SOP	-	-	-	-
PC14. monitor the feed & water consumption of the birds and take necessary action in case of any discrepancy	-	-	-	-
PC15. modify the distribution of feed and water process according to the season	-	-	-	-
NOS Total	**30**	**45**	**-**	**25**

National Occupational Standards (NOS) Parameters

NOS Code	AGR/N4353
NOS Name	Provide feed and water to the poultry birds
Sector	Agriculture
Sub-Sector	Poultry
Occupation	Poultry Farming
NSQF Level	2
Credits	1
Version	1.0
Last Reviewed Date	29/09/2023
Next Review Date	29/09/2026
NSQC Clearance Date	29/09/2023

AGR/N4354: Maintain health of poultry birds

Description

This OS unit is about maintaining good health and well-being of the poultry birds.

Scope

The scope covers the following :

- Monitor the health and well-being of birds
- Provide basic treatment to ailing birds

Elements and Performance Criteria

Monitor the health and well-being of birds

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

PC1. monitor the biosecurity measures such as human spray, food dip, vehicle dip/spray and movement of predator animals

PC2. ensure the birds are treated in a manner which complies with relevant regulations, minimizes any likelihood of stress and injury while maintaining their health and well-being

PC3. ensure sufficient stocking density for movement and comfort of birds

PC4. carry out debeaking of poultry birds at an appropriate age

PC5. carry out regular deworming of poultry birds

PC6. observe for any clinical signs for the prevalence of any disease, and take necessary action

PC7. check for the incidence of any ecto-parasites in birds

PC8. follow the recommended vaccination schedule for immunizing the birds against diseases

PC9. take veterinary assistance, if there is any symptom of diseases in the flock

PC10. ensure specific measures are in place to prevent the spread of any pest or disease and promote good health and well-being of birds

PC11. monitor the safe disposal of the poultry waste

Provide basic treatment to ailing birds

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

PC12. store the emergency drugs and vaccines for use, in case of any disease outbreak

PC13. use only uncontaminated and prescribed medication for the intended birds

PC14. ensure the correct techniques are employed to give the specified treatment at the correct time

PC15. report any difficulties, in administering treatments, immediately to the concerned authority

PC16. record the vaccination and medication details in the concerned register

PC17. observe closely the response to treatment given to the birds, and report to the concerned person.

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

KU1. relevant legislation, standards, policies and procedures for management of poultry farm

KU2. own job role & responsibilities and standard operating procedures

KU3. impact of not following the health, hygiene, safety and quality standards on birds, consumers and the business

KU4. preventive care methods for ensuring health and well being of birds

KU5. waste disposal techniques as per the industry guidelines and policies

KU6. relevant health and safety requirements applicable to the work environment

KU7. physical appearance and movement of healthy birds

KU8. normal and abnormal behavioral signs in birds

KU9. characteristics of the breed according to growth stage

KU10. importance of debeaking of poultry birds

KU11. method of deworming of poultry birds

KU12. possible sources of contamination to the medication and medical equipment

KU13. different diseases infecting poultry birds, recommended vaccines and their schedule

KU14. mode of vaccination

KU15. techniques and methods of administrating prescribed basic healthcare treatments

KU16. standard procedures followed in case of any health emergency or accident as per the workplace guidelines

KU17. bio-security measures to be adopted in the management of a poultry farm

KU18. use of first aid for poultry health care and treatment

Generic Skills (GS)

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

GS1. note the information communicated by the workers

GS2. stay updated with the latest developments in poultry farming by reading brochures, pamphlets, etc.

GS3. maintain effective work relationship with other workers, animal health workers and veterinarians

GS4. comprehend the information given by the veterinarians/animal health workers

GS5. identify problems that may arise in carrying out tasks and take preventative action

GS6. analyze the information gathered from one's observation and experiences

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
Monitor the health and well-being of birds	**15**	**15**	**-**	**20**
PC1. monitor the biosecurity measures such as human spray, food dip, vehicle dip/spray and movement of predator animals	-	-	-	-
PC2. ensure the birds are treated in a manner which complies with relevant regulations, minimizes any likelihood of stress and injury while maintaining their health and well-being	-	-	-	-
PC3. ensure sufficient stocking density for movement and comfort of birds	-	-	-	-
PC4. carry out debeaking of poultry birds at an appropriate age	-	-	-	-
PC5. carry out regular deworming of poultry birds	-	-	-	-
PC6. observe for any clinical signs for the prevalence of any disease, and take necessary action	-	-	-	-
PC7. check for the incidence of any ecto-parasites in birds	-	-	-	-
PC8. follow the recommended vaccination schedule for immunizing the birds against diseases	-	-	-	-
PC9. take veterinary assistance, if there is any symptom of diseases in the flock	-	-	-	-
PC10. ensure specific measures are in place to prevent the spread of any pest or disease and promote good health and well-being of birds	-	-	-	-
PC11. monitor the safe disposal of the poultry waste	-	-	-	-
Provide basic treatment to ailing birds	**15**	**20**	**-**	**15**
PC12. store the emergency drugs and vaccines for use, in case of any disease outbreak	-	-	-	-

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC13. use only uncontaminated and prescribed medication for the intended birds	-	-	-	-
PC14. ensure the correct techniques are employed to give the specified treatment at the correct time	-	-	-	-
PC15. report any difficulties, in administering treatments, immediately to the concerned authority	-	-	-	-
PC16. record the vaccination and medication details in the concerned register	-	-	-	-
PC17. observe closely the response to treatment given to the birds, and report to the concerned person.	-	-	-	-
NOS Total	**30**	**35**	**-**	**35**

National Occupational Standards (NOS) Parameters

NOS Code	AGR/N4354
NOS Name	Maintain health of poultry birds
Sector	Agriculture
Sub-Sector	Poultry
Occupation	Poultry Farming
NSQF Level	2
Credits	1
Version	1.0
Last Reviewed Date	29/09/2023
Next Review Date	29/09/2026
NSQC Clearance Date	29/09/2023

AGR/N4355: Collect eggs and lift broiler birds for market

Description

This OS unit is about harvesting eggs from the layer birds and lifting of broiler/meat birds for marketing.

Scope

The scope covers the following :

- Collect eggs for marketing
- Lift birds for the meat market

Elements and Performance Criteria

Collect eggs for marketing

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

PC1. assess the poultry shed to roughly estimate the number of eggs laid by the birds

PC2. ensure the eggs are collected on a regular basis in cushioned trays to avoid any crack or breakage

PC3. ensure that hygiene standards are met at the time of egg collection as per the industry norms

PC4. grade and store the collected eggs

PC5. arrange suitable mode for transportation of table/hatching eggs

PC6. sell the eggs through different marketing channels

Lift birds for the meat market

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

PC7. lift the birds during cool hours or at night time to avoid stress and shrinkage

PC8. place the lifted birds into plastic crates or aluminium modules designed with good ventilation and safety attributes

PC9. ensure the transportation of live birds is done with care and precaution maintaining full safety standards

PC10. market the birds as live birds or for wet markets/processing plant

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

KU1. relevant legislation, standards, policies and procedures for management of poultry birds

KU2. relevant health and safety requirements applicable to the work environment

KU3. own job roles & responsibilities and standard operating procedures

KU4. impact of not following the health, hygiene, safety and quality standards on birds, consumers and the business

KU5. quality signs for identifying the poor and good layer birds

KU6. quality signs for identifying the birds which are fir for harvesting

KU7. how to maintain a conducive environment for collecting eggs and lifting of birds

KU8. different techniques and methods employed as per the industry guidelines for collection of eggs and lifting of birds

KU9. different marketing channels for eggs/broiler birds

KU10. how to approach institutional buyers in the region

Generic Skills (GS)

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

GS1. note the information communicated by the workers

GS2. stay updated with the latest development in poultry farming by reading brochures, pamphlets, etc.

GS3. maintain effective work relationship with the workers, helpers and customers

GS4. communicate clearly and effectively with the stakeholders

GS5. identify and think through the problem, evaluate the possible solution(s) and adopt an optimum /best possible solution(s)

GS6. plan and organise the work orders & activities with the workers to utilise time and equipment effectively

GS7. analyse the requirement of customers and work accordingly

GS8. analyze the information gathered from one's observation and experiences

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
Collect eggs for marketing	**15**	**25**	**-**	**15**
PC1. assess the poultry shed to roughly estimate the number of eggs laid by the birds	-	-	-	-
PC2. ensure the eggs are collected on a regular basis in cushioned trays to avoid any crack or breakage	-	-	-	-
PC3. ensure that hygiene standards are met at the time of egg collection as per the industry norms	-	-	-	-
PC4. grade and store the collected eggs	-	-	-	-
PC5. arrange suitable mode for transportation of table/hatching eggs	-	-	-	-
PC6. sell the eggs through different marketing channels	-	-	-	-
Lift birds for the meat market	**15**	**15**	**-**	**15**
PC7. lift the birds during cool hours or at night time to avoid stress and shrinkage	-	-	-	-
PC8. place the lifted birds into plastic crates or aluminium modules designed with good ventilation and safety attributes	-	-	-	-
PC9. ensure the transportation of live birds is done with care and precaution maintaining full safety standards	-	-	-	-
PC10. market the birds as live birds or for wet markets/processing plant	-	-	-	-
NOS Total	**30**	**40**	**-**	**30**

National Occupational Standards (NOS) Parameters

NOS Code	AGR/N4355
NOS Name	Collect eggs and lift broiler birds for market
Sector	Agriculture
Sub-Sector	Poultry
Occupation	Poultry Farming
NSQF Level	2
Credits	1
Version	1.0
Last Reviewed Date	29/09/2023
Next Review Date	29/09/2026
NSQC Clearance Date	29/09/2023

AGR/N4356: Follow sanitization and biosecurity measures for the replacement stock

Description

This OS unit is about sanitizing the shed and complying with the biosecurity measures for the replacement stock.

Scope

The scope covers the following :

- Sanitize the shed after lifting the birds
- Comply with the bio-security standards

Elements and Performance Criteria

Sanitise the shed after lifting the birds

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

PC1. plan in advance for the post-harvest cleanout

PC2. carry out dry and wet cleaning procedure

PC3. ensure all the equipment, feed & water bowls, electrical appliances in the shed are taken out for maintenance and upkeep

PC4. use a high pressure hose to clean the whole shed thoroughly

PC5. white wash the floor and side walls

PC6. carry out terminal disinfection with appropriate fumigants

PC7. segregate waste into different categories

PC8. deposit recyclable and reusable material at identified location

PC9. dispose non-recyclable waste appropriately

Comply with the biosecurity standards

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

PC10. minimize the human and vehicle traffic with precaution

PC11. provide signage boards for directions and entry restrictions

PC12. prevent the stray animals and wild birds entering into the farm premises

PC13. provide food dip, vehicle dip and hand wash wherever necessary

PC14. follow suitable pest control measures

PC15. ensure the workers comply with the industry's safety and hygiene norms viz. use of sanitizers, wearing PPE, etc

PC16. ensure safe disposal of dead birds and other poultry waste, as per the industry norms

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

KU1. relevant legislation, standards, policies and procedures for management of poultry birds

KU2. own job responsibilities and duties as per the industry policies and guidelines

KU3. method of cleanout post-harvesting

KU4. procedures of maintaining and sanitizing of feed and water equipment

KU5. management techniques of different pests and diseases

KU6. safe waste disposal methods for litter, discarded feed, dead birds and other poultry waste

KU7. impact of not following proper techniques and methods of sanitising and waste disposal on birds' health and the business

KU8. causes of disease spread and methods of preventing disease spread from humans and other birds and animals and vice-versa

KU9. regulations for bird hygiene and proper sanitized environment for bird rearing

Generic Skills (GS)

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

GS1. note the information communicated by the workers

GS2. stay updated with the latest development in poultry farming by reading brochures, pamphlets, etc.

GS3. maintain effective work relationship with the workers

GS4. identify problems that may arise in carrying out tasks and take preventative action

GS5. plan and organise the work orders & activities with the workers to utilise time and equipment effectively

GS6. identify problems that may arise in carrying out tasks and take preventative action

GS7. analyse critical points in day to day tasks through experience and observation

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
Sanitise the shed after lifting the birds	**15**	**20**	**-**	**10**
PC1. plan in advance for the post-harvest cleanout	-	-	-	-
PC2. carry out dry and wet cleaning procedure	-	-	-	-
PC3. ensure all the equipment, feed & water bowls, electrical appliances in the shed are taken out for maintenance and upkeep	-	-	-	-
PC4. use a high pressure hose to clean the whole shed thoroughly	-	-	-	-
PC5. white wash the floor and side walls	-	-	-	-
PC6. carry out terminal disinfection with appropriate fumigants	-	-	-	-
PC7. segregate waste into different categories	-	-	-	-
PC8. deposit recyclable and reusable material at identified location	-	-	-	-
PC9. dispose non-recyclable waste appropriately	-	-	-	-
Comply with the biosecurity standards	**15**	**20**	**-**	**20**
PC10. minimize the human and vehicle traffic with precaution	-	-	-	-
PC11. provide signage boards for directions and entry restrictions	-	-	-	-
PC12. prevent the stray animals and wild birds entering into the farm premises	-	-	-	-
PC13. provide food dip, vehicle dip and hand wash wherever necessary	-	-	-	-
PC14. follow suitable pest control measures	-	-	-	-
PC15. ensure the workers comply with the industry's safety and hygiene norms viz. use of sanitizers, wearing PPE, etc	-	-	-	-

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC16. ensure safe disposal of dead birds and other poultry waste, as per the industry norms	-	-	-	-
NOS Total	**30**	**40**	**-**	**30**

National Occupational Standards (NOS) Parameters

NOS Code	AGR/N4356
NOS Name	Follow sanitization and biosecurity measures for the replacement stock
Sector	Agriculture
Sub-Sector	Poultry
Occupation	Poultry Farming
NSQF Level	2
Credits	1
Version	1.0
Last Reviewed Date	29/09/2023
Next Review Date	29/09/2026
NSQC Clearance Date	29/09/2023

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

Description

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

Scope

The scope covers the following :

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

Elements and Performance Criteria

Introduction to Employability Skills

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

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

Constitutional values – Citizenship

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

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

Becoming a Professional in the 21st Century

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

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

Basic English Skills

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

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

Communication Skills

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

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

Diversity & Inclusion

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

PC7.   communicate and behave appropriately with all genders and PwD

PC8.   report any issues related to sexual harassment

Financial and Legal Literacy

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

PC9.   use various financial products and services safely and securely

PC10.   calculate income, expenses, savings etc.

PC11.   approach the concerned authorities for any exploitation as per legal rights and laws

Essential Digital Skills

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

PC12.   operate digital devices and use its features and applications securely and safely

PC13.   use internet and social media platforms securely and safely

Entrepreneurship

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

PC14.   identify and assess opportunities for potential business

PC15.   identify sources for arranging money and associated financial and legal challenges

Customer Service

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

PC16.   identify different types of customers

PC17.   identify customer needs and address them appropriately

PC18.   follow appropriate hygiene and grooming standards

Getting ready for apprenticeship & Jobs

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

PC19.   create a basic biodata

PC20.   search for suitable jobs and apply

PC21.   identify and register apprenticeship opportunities as per requirement

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

KU1.   need for employability skills

KU2.   various constitutional and personal values

KU3.   different environmentally sustainable practices and their importance

KU4.   Twenty first (21st) century skills and their importance

KU5.   how to use basic spoken English language

KU6.   Do and dont of effective communication

KU7.   inclusivity and its importance

KU8.   different types of disabilities and appropriate communication and behaviour towards PwD

KU9.   different types of financial products and services

KU10. how to compute income and expenses

KU11. importance of maintaining safety and security in financial transactions

KU12. different legal rights and laws

KU13. how to operate digital devices and applications safely and securely

KU14. ways to identify business opportunities

KU15. types of customers and their needs

KU16. how to apply for a job and prepare for an interview

KU17. apprenticeship scheme and the process of registering on apprenticeship portal

Generic Skills (GS)

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

GS1. communicate effectively using appropriate language

GS2. behave politely and appropriately with all

GS3. perform basic calculations

GS4. solve problems effectively

GS5. be careful and attentive at work

GS6. use time effectively

GS7. maintain hygiene and sanitisation to avoid infection

Assessment Criteria

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

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

National Occupational Standards (NOS) Parameters

NOS Code	DGT/VSQ/N0101
NOS Name	Employability Skills (30 Hours)
Sector	Cross Sectoral
Sub-Sector	Professional Skills
Occupation	Employability
NSQF Level	2
Credits	1
Version	1.0
Last Reviewed Date	18/02/2025
Next Review Date	18/02/2028
NSQC Clearance Date	18/02/2025

Assessment Guidelines and Assessment Weightage

Assessment Guidelines

1. Criteria for assessment for each Qualification Pack will be created by the Sector Skill Council. Each Performance Criteria (PC) will be assigned marks proportional to its importance in NOS. SSC will also lay down the proportion of marks for Theory and Skills Practical for each PC.

2. The assessment for the theory part will be based on the knowledge bank of questions created by the SSC.

3. Assessment will be conducted for all compulsory NOS, and where applicable, on the selected elective/optional set of NOS.

4. Individual assessment agencies will create unique question papers for the theory part for each candidate at each examination/training center (as per assessment criteria below).

5. Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/ training center based on these criteria.

6. To pass the Qualification Pack assessment, every trainee should score a minimum of 50% of % aggregate marks to successfully clear the assessment.

7. In case of unsuccessful completion, the trainee may seek reassessment on the Qualification Pack.

Minimum Aggregate Passing % at QP Level : 50

(**Please note**: Every Trainee should score a minimum aggregate passing percentage as specified above, to successfully clear the Qualification Pack assessment.)

Assessment Weightage

Compulsory NOS

National Occupational Standards	Theory Marks	Practical Marks	Project Marks	Viva Marks	Total Marks	Weightage
AGR/N4351.Prepare and maintain housing for poultry birds	30	40	-	30	100	10
AGR/N4352.Prepare the poultry shed to manage the chicks/birds	30	35	-	35	100	10
AGR/N4353.Provide feed and water to the poultry birds	30	45	-	25	100	15
AGR/N4354.Maintain health of poultry birds	30	35	-	35	100	20
AGR/N4355.Collect eggs and lift broiler birds for market	30	40	-	30	100	20
AGR/N4356.Follow sanitization and biosecurity measures for the replacement stock	30	40	-	30	100	20
DGT/VSQ/N0101.Employability Skills (30 Hours)	20	30	-	-	50	5
Total	**200**	**265**	**-**	**185**	**650**	**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.