

Qualification Pack



Piggery Farmer (Small Unit)

QP Code: AGR/Q4504

Version: 1.0

NSQF Level: 2

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AGR/Q4504: Piggery Farmer (Small Unit)

Brief Job Description

A Piggery Farmer (Small Unit) is responsible for rearing pigs on pig farms. The individual establishes a pig farm, performs feed and health management of pigs, undertakes pig fattening and markets them.

Personal Attributes

The individual should have organizational and problem-solving skills with the ability to make independent decisions. The person should have basic written and verbal communication skills. The individual should be physically fit to work for long durations.

Applicable National Occupational Standards (NOS)

Compulsory NOS:

1. [AGR/N4512: Coordinate the construction activities of the pig farm](#)
2. [AGR/N4513: Undertake feed, health management and marketing of pigs](#)
3. [AGR/N4514: Undertake fattening of pigs](#)
4. [AGR/N4515: Procure and maintain pigs for breeding purpose](#)
5. [DGT/VSQ/N0101: Employability Skills \(30 Hours\)](#)

Qualification Pack (QP) Parameters

Sector	Agriculture
Sub-Sector	Animal Husbandry
Occupation	Small Ruminants and Others
Country	India
NSQF Level	2
Credits	7
Aligned to NCO/ISCO/ISIC Code	NCO-2015/6121.0100

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Minimum Educational Qualification & Experience	No formal education prescribed with NA of experience
Minimum Level of Education for Training in School	Not Applicable
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-01008-2023-V1-ASCI
NQR Version	1.0

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AGR/N4512: Coordinate the construction activities of the pig farm

Description

This OS unit is about selecting an appropriate site for establishing a pig farm and coordinating the pig farm construction activities.

Scope

The scope covers the following :

- Select the site and plan the construction activities
- Coordinate the pig farm construction activities

Elements and Performance Criteria

Select the site and plan the construction activities

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

- PC1.** select an appropriate site with adequate and appropriate vegetation, i.e. grass and plants, to feed pigs
- PC2.** ensure the site is at an appropriate distance from dwellings, factories, dairies, poultry farms, food grains storage, etc.
- PC3.** check the site has an adequate and reliable water supply
- PC4.** check that the site does not experience extended exposure to sunlight, waterlogging and has proximity to the relevant markets for procuring the relevant inputs and marketing pigs
- PC5.** plan the construction activities at the pig farm, including an appropriate number of pens to facilitate breeding and fattening activities

Coordinate the pig farm construction activities

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

- PC6.** arrange the required tools, equipment and material, e.g. wood, bamboo sticks, concrete, stone slabs, bricks, etc., for the construction activities
- PC7.** assist in the installation of durable and strong fences around the pig farm to prevent the escaping of pigs
- PC8.** coordinate with the relevant expert for the construction of pigsty and pig arks
- PC9.** ensure concrete and sloping floor of the recommended thickness in the pigsty, and smooth walls for the easy removal of animal waste and thorough cleaning
- PC10.** install appropriate bedding in the pig arks for the comfortable sleeping of pigs
- PC11.** ensure adequate space and ventilation for easy maintenance and healthy growth of pigs, considering the number of pigs planned at the farm
- PC12.** ensure the construction of drainage channels to drain out animal waste from the farm
- PC13.** set up feeders and water troughs at appropriate locations to ensure their easy accessibility to the pigs and cleaners/attendants
- PC14.** ensure appropriate arrangements at the farm to protect pigs from adverse weather, i.e. roofing and shading of weather-proof material

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Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** the terminology used in pig farming
- KU2.** the criteria for selecting a site for setting up a pig farm, e.g. a reliable supply of clean water, supply at a pig farm and proximity to the relevant markets
- KU3.** the appropriate material required for the construction of a pig farm
- KU4.** the importance of installing durable and strong fences around a pig farm
- KU5.** how to estimate space requirements of a pigsty
- KU6.** the process of constructing pigsty and pig arks
- KU7.** the benefit of laying a concrete floor in the pens of a pig farm
- KU8.** the appropriate bedding required for pigs
- KU9.** the importance of ensuring adequate space, ventilation and effective drainage at a pig farm
- KU10.** the appropriate considerations to be made while setting up feeders and water troughs at a pig farm
- KU11.** the importance of ensuring protection from adverse weather for pigs
- KU12.** the potential hazards in the construction activities and how to mitigate them, e.g. use of appropriate PPE while handling sharp tools and electrical equipment
- KU13.** the importance of cleaning the site after the construction activities and storing hazardous tools, equipment and materials safely in a storage
- KU14.** the regulations applicable to the construction of animal housing facilities

Generic Skills (GS)

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

- GS1.** read the relevant literature to learn about the latest developments in the field of work
- GS2.** listen attentively to understand the information/ instructions being shared
- GS3.** maintain work-related notes and records
- GS4.** communicate politely and professionally
- GS5.** plan and prioritize tasks to ensure timely completion
- GS6.** coordinate with the co-workers to achieve the work objectives
- GS7.** evaluate all possible solutions to a problem to select the best one

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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Select the site and plan the construction activities</i>	10	14	-	10
PC1. select an appropriate site with adequate and appropriate vegetation, i.e. grass and plants, to feed pigs	-	-	-	-
PC2. ensure the site is at an appropriate distance from dwellings, factories, dairies, poultry farms, food grains storage, etc.	-	-	-	-
PC3. check the site has an adequate and reliable water supply	-	-	-	-
PC4. check that the site does not experience extended exposure to sunlight, waterlogging and has proximity to the relevant markets for procuring the relevant inputs and marketing pigs	-	-	-	-
PC5. plan the construction activities at the pig farm, including an appropriate number of pens to facilitate breeding and fattening activities	-	-	-	-
<i>Coordinate the pig farm construction activities</i>	20	26	-	20
PC6. arrange the required tools, equipment and material, e.g. wood, bamboo sticks, concrete, stone slabs, bricks, etc., for the construction activities	-	-	-	-
PC7. assist in the installation of durable and strong fences around the pig farm to prevent the escaping of pigs	-	-	-	-
PC8. coordinate with the relevant expert for the construction of pigsty and pig arks	-	-	-	-
PC9. ensure concrete and sloping floor of the recommended thickness in the pigsty, and smooth walls for the easy removal of animal waste and thorough cleaning	-	-	-	-
PC10. install appropriate bedding in the pig arks for the comfortable sleeping of pigs	-	-	-	-

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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC11. ensure adequate space and ventilation for easy maintenance and healthy growth of pigs, considering the number of pigs planned at the farm	-	-	-	-
PC12. ensure the construction of drainage channels to drain out animal waste from the farm	-	-	-	-
PC13. set up feeders and water troughs at appropriate locations to ensure their easy accessibility to the pigs and cleaners/attendants	-	-	-	-
PC14. ensure appropriate arrangements at the farm to protect pigs from adverse weather, i.e. roofing and shading of weather-proof material	-	-	-	-
NOS Total	30	40	-	30

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National Occupational Standards (NOS) Parameters

NOS Code	AGR/N4512
NOS Name	Coordinate the construction activities of the pig farm
Sector	Agriculture
Sub-Sector	Animal Husbandry
Occupation	Small Ruminants and Others
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

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AGR/N4513: Undertake feed, health management and marketing of pigs

Description

This OS unit is about undertaking feed and health management of pigs. It also covers the marketing of pigs.

Scope

The scope covers the following :

- Perform feed management of pigs
- Maintain the health of pigs
- Market the pigs

Elements and Performance Criteria

Perform feed management of pigs

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

- PC1.** determine the nutritional needs of pigs based on the relevant factors, such as age, weight, growth pattern, etc.
- PC2.** select the appropriate feed to meet the nutritional requirements of pigs, e.g. maize, wheat bran, soybean meal, rice bran, mustard oil cake, household scrape/ food waste, etc.
- PC3.** prepare the pig feed using the recommended ingredients to meet the varied nutritional needs of pigs
- PC4.** maintain the recommended ratio of concentrated feed
- PC5.** ensure the household scraps are appropriately treated before feeding to pigs, e.g. boiling the leftover meat before feeding the pigs with them
- PC6.** feed the pigs following the recommended feeding schedule according to their age and stages of growth
- PC7.** follow the recommended health and hygiene standards while preparing the pig feed and feeding the pigs
- PC8.** use the appropriate feeders and water troughs to feed and water pigs, maintaining the cleanliness of feeders and water troughs to prevent the spread of food-borne diseases in pigs
- PC9.** carry out creep feeding and fostering in piglets when necessary
- PC10.** ensure to water pigs with the recommended quantity of fresh and clean water according to their need and prevailing weather conditions
- PC11.** monitor pigs during their feeding and identify pigs not feeding or feeding inadequately
- PC12.** follow the appropriate measures to ensure optimum feeding by pigs according to their nutritional requirements or coordinate with a veterinarian to resolve feeding issues in pigs
- PC13.** maintain cleanliness in the feed/feed ingredient storage and apply the appropriate pesticides to prevent pest/rodent infestations

Maintain the health of pigs

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

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- PC14.** follow the appropriate preventive measures to protect the pigs from parasites and relevant diseases
- PC15.** monitor the pigs for signs of diseases and disorders, e.g. loss of appetite, rapid breathing, high body temperature, etc.
- PC16.** treat the pigs for common diseases and disorders with the appropriate medication
- PC17.** coordinate with a veterinarian for the treatment of diseases and disorders, as required
- PC18.** carry out deworming following the recommended deworming schedule
- PC19.** ensure appropriate vaccination for pigs as per the applicable vaccination schedule
- PC20.** follow the appropriate bio-security procedures to control the spread of zoonotic diseases among the pigs
- PC21.** ensure that pigs are not scavenging or feeding on unhygienic items
- PC22.** follow the appropriate measures to protect piglets from common health issues and minimize mortality among them
- PC23.** maintain the cleanliness of pigs by washing them regularly using the appropriate animal care products
- PC24.** use the appropriate Personal Protection Equipment (PPE) in the pig farm operations to ensure self-protection from the relevant health and safety hazards

Market the pigs

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

- PC25.** identify the relevant buyers and negotiate with them to secure a profitable price
- PC26.** arrange an appropriate mode of transport to deliver pigs safely and in hygienic condition to the buyers
- PC27.** process the payments using the appropriate e-payment methods
- PC28.** maintain the relevant manual and electronic records

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** the applicable health and safety requirements in pig farming and the relevant regulations concerning the health and welfare of livestock
- KU2.** the appropriate ingredients to be used to prepare the pig feed to meet their nutritional requirements
- KU3.** how to prepare pig feed and the appropriate ingredients to be used for the purpose
- KU4.** the recommended feeding schedule for feeding pigs
- KU5.** the water requirements of pigs and the importance of watering them with clean and fresh water
- KU6.** the appropriate corrective measures to be taken for feeding-related issues in pigs
- KU7.** the importance of monitoring the physical condition, behaviour and general well-being of pigs regularly
- KU8.** the appropriate preventive measures to be followed to protect pigs from parasites and relevant diseases

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- KU9.** the symptoms of disease and disorders in pigs, e.g. loss of appetite, rapid breathing, high body temperature, inflammation of eyes, dull skin & hair, limped tail, skin irritation, severe diarrhoea, etc.
- KU10.** the basic anatomy and physiology of pigs
- KU11.** the normal body temperature and pulse rate of pigs
- KU12.** various body parts of pigs on which vital parameters are recorded and the use of relevant equipment
- KU13.** the appropriate medication to be used to treat pigs for common diseases and disorders
- KU14.** the importance of seeking prompt assistance from a veterinarian to treat pigs when required
- KU15.** the requirement of deworming in pigs and the recommended deworming schedule for them
- KU16.** the applicable vaccination schedule for pigs and the importance of ensuring timely vaccination
- KU17.** the appropriate bio-security procedures to be followed to control the spread of zoonotic diseases among pigs
- KU18.** the appropriate measures to be taken to protect piglets from common health issues and minimize mortality among them
- KU19.** the importance and process of maintaining hygiene among pigs through regular washing
- KU20.** the use of relevant PPE in the feed and health management of pigs
- KU21.** the importance of determining the market demand for pigs for their effective marketing
- KU22.** how to determine the demand for pigs
- KU23.** the appropriate mode of transport to be used to deliver pigs safely and in hygienic condition to the buyers
- KU24.** the use of different e-payments methods
- KU25.** how to maintain manual and electronic records

Generic Skills (GS)

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

- GS1.** maintain work-related notes and records
- GS2.** read the relevant literature to get the latest updates about the field of work
- GS3.** listen attentively to understand the information being shared
- GS4.** communicate politely and professionally
- GS5.** plan and prioritize tasks to ensure timely completion
- GS6.** take quick decisions to deal with workplace emergencies/ accidents
- GS7.** identify possible disruptions to work and take appropriate preventive measures

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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Perform feed management of pigs</i>	13	18	-	13
PC1. determine the nutritional needs of pigs based on the relevant factors, such as age, weight, growth pattern, etc.	-	-	-	-
PC2. select the appropriate feed to meet the nutritional requirements of pigs, e.g. maize, wheat bran, soybean meal, rice bran, mustard oil cake, household scrape/ food waste, etc.	-	-	-	-
PC3. prepare the pig feed using the recommended ingredients to meet the varied nutritional needs of pigs	-	-	-	-
PC4. maintain the recommended ratio of concentrated feed	-	-	-	-
PC5. ensure the household scraps are appropriately treated before feeding to pigs, e.g. boiling the leftover meat before feeding the pigs with them	-	-	-	-
PC6. feed the pigs following the recommended feeding schedule according to their age and stages of growth	-	-	-	-
PC7. follow the recommended health and hygiene standards while preparing the pig feed and feeding the pigs	-	-	-	-
PC8. use the appropriate feeders and water troughs to feed and water pigs, maintaining the cleanliness of feeders and water troughs to prevent the spread of food-borne diseases in pigs	-	-	-	-
PC9. carry out creep feeding and fostering in piglets when necessary	-	-	-	-
PC10. ensure to water pigs with the recommended quantity of fresh and clean water according to their need and prevailing weather conditions	-	-	-	-
PC11. monitor pigs during their feeding and identify pigs not feeding or feeding inadequately	-	-	-	-

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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC12. follow the appropriate measures to ensure optimum feeding by pigs according to their nutritional requirements or coordinate with a veterinarian to resolve feeding issues in pigs	-	-	-	-
PC13. maintain cleanliness in the feed/feed ingredient storage and apply the appropriate pesticides to prevent pest/rodent infestations	-	-	-	-
<i>Maintain the health of pigs</i>	12	16	-	12
PC14. follow the appropriate preventive measures to protect the pigs from parasites and relevant diseases	-	-	-	-
PC15. monitor the pigs for signs of diseases and disorders, e.g. loss of appetite, rapid breathing, high body temperature, etc.	-	-	-	-
PC16. treat the pigs for common diseases and disorders with the appropriate medication	-	-	-	-
PC17. coordinate with a veterinarian for the treatment of diseases and disorders, as required	-	-	-	-
PC18. carry out deworming following the recommended deworming schedule	-	-	-	-
PC19. ensure appropriate vaccination for pigs as per the applicable vaccination schedule	-	-	-	-
PC20. follow the appropriate bio-security procedures to control the spread of zoonotic diseases among the pigs	-	-	-	-
PC21. ensure that pigs are not scavenging or feeding on unhygienic items	-	-	-	-
PC22. follow the appropriate measures to protect piglets from common health issues and minimize mortality among them	-	-	-	-
PC23. maintain the cleanliness of pigs by washing them regularly using the appropriate animal care products	-	-	-	-

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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC24. use the appropriate Personal Protection Equipment (PPE) in the pig farm operations to ensure self-protection from the relevant health and safety hazards	-	-	-	-
<i>Market the pigs</i>	5	6	-	5
PC25. identify the relevant buyers and negotiate with them to secure a profitable price	-	-	-	-
PC26. arrange an appropriate mode of transport to deliver pigs safely and in hygienic condition to the buyers	-	-	-	-
PC27. process the payments using the appropriate e-payment methods	-	-	-	-
PC28. maintain the relevant manual and electronic records	-	-	-	-
NOS Total	30	40	-	30

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National Occupational Standards (NOS) Parameters

NOS Code	AGR/N4513
NOS Name	Undertake feed, health management and marketing of pigs
Sector	Agriculture
Sub-Sector	Animal Husbandry
Occupation	Small Ruminants and Others
NSQF Level	2
Credits	2
Version	1.0
Last Reviewed Date	29/09/2023
Next Review Date	29/09/2026
NSQC Clearance Date	29/09/2023

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AGR/N4514: Undertake fattening of pigs

Description

This OS unit is about undertaking the fattening of pigs which includes procuring fatteners and maintaining them.

Scope

The scope covers the following :

- Procure the fatteners
- Perform nutrient and health management of fatteners

Elements and Performance Criteria

Procure the fatteners

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

- PC1.** select the appropriate breeds of pigs for fattening
- PC2.** select the appropriate government-approved sources, e.g. veterinary centres or animal husbandry centres, for procuring fatteners
- PC3.** procure fatteners in the required number, ensuring they are healthy and have the appropriate age and weight for the fattening
- PC4.** coordinate with a veterinarian to check the health of the fatteners being procured
- PC5.** maintain records concerning the procurement of fatteners and their health assessment

Perform nutrient and health management of fatteners

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

- PC6.** ensure hygienic and safe fattening pens for the procured fatteners with appropriate bedding for them
- PC7.** maintain the appropriate temperature in the fattening pens and arrange hog wallows as appropriate
- PC8.** prepare and feed the fatteners with the appropriate feed containing the necessary nutrients for their healthy growth and fattening
- PC9.** monitor the fatteners during feeding to ensure their optimum feeding and follow the appropriate measures to minimize the wastage of feed
- PC10.** conduct regular inspections of the fatteners and identify the signs of diseases, disorders, parasitic infections, and injuries
- PC11.** treat the fatteners by providing them appropriate treatment or coordinate with a veterinarian for their treatment
- PC12.** maintain cleanliness in the fattening pens, removing the animal and other waste regularly
- PC13.** monitor the fatteners and prevent them from scavenging
- PC14.** check the growth of fatteners and determine if they are mature for marketing

Knowledge and Understanding (KU)

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The individual on the job needs to know and understand:

- KU1.** the types of pig housing and different types of materials used in them
- KU2.** the tools and equipment used in livestock management
- KU3.** the characteristics, e.g. size, shape and colour, of different pig breeds
- KU4.** the different classifications of pig breeds, e.g. exotic, local and cross-breed
- KU5.** the signs of healthy and unhealthy pigs
- KU6.** the importance of a multi-livestock farming model such as fishery and piggery
- KU7.** the safe work practices to be followed while rearing litters for breeding
- KU8.** the appropriate pig breeds for fattening
- KU9.** the importance of procuring piglets for fattening from the government-approved sources
- KU10.** the criteria for procuring piglets for fattening
- KU11.** the appropriate checks to be conducted while procuring fatteners
- KU12.** the relevant records to be maintained concerning the procurement of fatteners and their health assessment
- KU13.** the appropriate housing facilities required for fatteners
- KU14.** the importance of maintaining the appropriate temperature in the fattening pens
- KU15.** the feed and nutritional requirements of fatteners for their healthy growth
- KU16.** the importance of monitoring the fatteners during feeding
- KU17.** the importance of effectively monitoring and maintaining the health of fatteners
- KU18.** the fatteners maturity indicators

Generic Skills (GS)

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

- GS1.** communicate politely and professionally
- GS2.** maintain work-related notes and records
- GS3.** read the relevant literature to learn about the latest developments in the field of work
- GS4.** listen attentively to understand the information/ instructions being shared
- GS5.** plan and prioritize tasks to ensure timely completion
- GS6.** coordinate with the co-workers to achieve the work objectives
- GS7.** evaluate all possible solutions to a problem to select the best one

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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Procure the fatteners</i>	10	15	-	10
PC1. select the appropriate breeds of pigs for fattening	-	-	-	-
PC2. select the appropriate government-approved sources, e.g. veterinary centres or animal husbandry centres, for procuring fatteners	-	-	-	-
PC3. procure fatteners in the required number, ensuring they are healthy and have the appropriate age and weight for the fattening	-	-	-	-
PC4. coordinate with a veterinarian to check the health of the fatteners being procured	-	-	-	-
PC5. maintain records concerning the procurement of fatteners and their health assessment	-	-	-	-
<i>Perform nutrient and health management of fatteners</i>	20	25	-	20
PC6. ensure hygienic and safe fattening pens for the procured fatteners with appropriate bedding for them	-	-	-	-
PC7. maintain the appropriate temperature in the fattening pens and arrange hog wallows as appropriate	-	-	-	-
PC8. prepare and feed the fatteners with the appropriate feed containing the necessary nutrients for their healthy growth and fattening	-	-	-	-
PC9. monitor the fatteners during feeding to ensure their optimum feeding and follow the appropriate measures to minimize the wastage of feed	-	-	-	-
PC10. conduct regular inspections of the fatteners and identify the signs of diseases, disorders, parasitic infections, and injuries	-	-	-	-
PC11. treat the fatteners by providing them appropriate treatment or coordinate with a veterinarian for their treatment	-	-	-	-

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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC12. maintain cleanliness in the fattening pens, removing the animal and other waste regularly	-	-	-	-
PC13. monitor the fatteners and prevent them from scavenging	-	-	-	-
PC14. check the growth of fatteners and determine if they are mature for marketing	-	-	-	-
NOS Total	30	40	-	30

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National Occupational Standards (NOS) Parameters

NOS Code	AGR/N4514
NOS Name	Undertake fattening of pigs
Sector	Agriculture
Sub-Sector	Animal Husbandry
Occupation	Small Ruminants and Others
NSQF Level	2
Credits	2
Version	1.0
Last Reviewed Date	29/09/2023
Next Review Date	29/09/2026
NSQC Clearance Date	29/09/2023

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AGR/N4515: Procure and maintain pigs for breeding purpose

Description

This OS unit is about procuring pigs for breeding and maintaining them before

Scope

The scope covers the following :

- Procure pigs for breeding
- Maintain the procured pigs

Elements and Performance Criteria

Procure pigs for breeding

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

- PC1.** select the appropriate pig breeds for procuring based on their growth rate, efficiency of weight gain, litter size, physical health, etc.
- PC2.** select government-approved source(s) for procuring boars and sows/gilts for breeding
- PC3.** procure the appropriate varieties of boars and sows/gilts, e.g. Large White Yorkshire, Landrace, Middle White Yorkshire, etc., in the required number
- PC4.** check and ensure through coordination with a veterinarian that the boars and sows/gilts meet the applicable health standards and maturity requirements for breeding
- PC5.** maintain the appropriate records concerning the procurement and health examination of boars and sows/gilts

Maintain the procured pigs

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

- PC6.** arrange for safe and hygienic housing for boars and sows/gilts with the recommended temperature
- PC7.** ensure appropriate feeding and watering for boars and sows/gilts to prepare them for breeding
- PC8.** monitor the procured boars and sows/gilts for signs of disease and disorders
- PC9.** identify unhealthy boars and sows/gilts, and treat them appropriately or remove them from the breeding lot as appropriate

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** the criteria for procuring boars and sows for breeding
- KU2.** the appropriate varieties of boars and sows/gilts, e.g. Large White Yorkshire, Landrace, Middle White Yorkshire, etc.
- KU3.** the importance and process of checking the health and maturity of boars and sows/gilts during their procurement

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- KU4.** the importance of maintaining the records concerning the procurement and health examination of boars and sows/gilts
- KU5.** the appropriate housing required for boars and sows/gilts
- KU6.** the feed and water requirements of boars and sows/gilts to prepare them for breeding
- KU7.** the importance of monitoring the procured boars and sows/gilts for signs of disease and disorders
- KU8.** how to treat boars and sows/gilts for common diseases, disorders and injuries
- KU9.** the importance of seeking the help of a veterinarian for the health management of the breeding lot

Generic Skills (GS)

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

- GS1.** maintain work-related notes and records
- GS2.** communicate politely and professionally
- GS3.** read the relevant literature to learn about the latest developments in the field of work
- GS4.** perform work-related calculations
- GS5.** listen attentively to understand the information/ instructions being shared
- GS6.** plan and prioritize tasks to ensure timely completion
- GS7.** coordinate with the co-workers to achieve the work objectives
- GS8.** evaluate all possible solutions to a problem to select the best on

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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Procure pigs for breeding</i>	15	20	-	15
PC1. select the appropriate pig breeds for procuring based on their growth rate, efficiency of weight gain, litter size, physical health, etc.	-	-	-	-
PC2. select government-approved source(s) for procuring boars and sows/gilts for breeding	-	-	-	-
PC3. procure the appropriate varieties of boars and sows/gilts, e.g. Large White Yorkshire, Landrace, Middle White Yorkshire, etc., in the required number	-	-	-	-
PC4. check and ensure through coordination with a veterinarian that the boars and sows/gilts meet the applicable health standards and maturity requirements for breeding	-	-	-	-
PC5. maintain the appropriate records concerning the procurement and health examination of boars and sows/gilts	-	-	-	-
<i>Maintain the procured pigs</i>	15	20	-	15
PC6. arrange for safe and hygienic housing for boars and sows/gilts with the recommended temperature	-	-	-	-
PC7. ensure appropriate feeding and watering for boars and sows/gilts to prepare them for breeding	-	-	-	-
PC8. monitor the procured boars and sows/gilts for signs of disease and disorders	-	-	-	-
PC9. identify unhealthy boars and sows/gilts, and treat them appropriately or remove them from the breeding lot as appropriate	-	-	-	-
NOS Total	30	40	-	30

Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	AGR/N4515
NOS Name	Procure and maintain pigs for breeding purpose
Sector	Agriculture
Sub-Sector	Animal Husbandry
Occupation	Small Ruminants and Others
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

Qualification Pack

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

Qualification Pack

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

Qualification Pack

- 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

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. understand the significance of employability skills in meeting the job requirements	-	-	-	-
<i>Constitutional values – Citizenship</i>	1	1	-	-
PC2. identify constitutional values, civic rights, duties, personal values and ethics and environmentally sustainable practices	-	-	-	-
<i>Becoming a Professional in the 21st Century</i>	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.	-	-	-	-
<i>Basic English Skills</i>	2	3	-	-
PC4. speak with others using some basic English phrases or sentences	-	-	-	-
<i>Communication Skills</i>	1	1	-	-
PC5. follow good manners while communicating with others	-	-	-	-
PC6. work with others in a team	-	-	-	-
<i>Diversity & Inclusion</i>	1	1	-	-
PC7. communicate and behave appropriately with all genders and PwD	-	-	-	-
PC8. report any issues related to sexual harassment	-	-	-	-
<i>Financial and Legal Literacy</i>	3	4	-	-
PC9. use various financial products and services safely and securely	-	-	-	-

Qualification Pack

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	-	-	-	-
<i>Essential Digital Skills</i>	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	-	-	-	-
<i>Entrepreneurship</i>	3	5	-	-
PC14. identify and assess opportunities for potential business	-	-	-	-
PC15. identify sources for arranging money and associated financial and legal challenges	-	-	-	-
<i>Customer Service</i>	2	2	-	-
PC16. identify different types of customers	-	-	-	-
PC17. identify customer needs and address them appropriately	-	-	-	-
PC18. follow appropriate hygiene and grooming standards	-	-	-	-
<i>Getting ready for apprenticeship & Jobs</i>	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	-	-

Qualification Pack

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	18/02/2030
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) (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. Individual assessment agencies will create unique question papers for theory part for each candidate at each examination/training center (as per assessment criteria below).
4. Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/ training center based on these criteria.
5. In case of successfully passing only certain number of NOSs, the trainee is eligible to take subsequent assessment on the balance NOS's to pass the Qualification Pack.
6. In case of unsuccessful completion, the trainee may seek reassessment on the Qualification Pack

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/N4512.Coordinate the construction activities of the pig farm	30	40	-	30	100	15
AGR/N4513.Undertake feed, health management and marketing of pigs	30	40	-	30	100	35
AGR/N4514.Undertake fattening of pigs	30	40	-	30	100	30
AGR/N4515.Procure and maintain pigs for breeding purpose	30	40	-	30	100	15
DGT/VSQ/N0101.Employability Skills (30 Hours)	20	30	-	-	50	5
Total	140	190	-	120	450	100

Qualification Pack

Acronyms

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

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.

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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.