

## Qualification Pack



# Piggery Farmer

QP Code: AGR/Q4502

Version: 2.0

NSQF Level: 3

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## Qualification Pack

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## Qualification Pack

### AGR/Q4502: Piggery Farmer

#### Brief Job Description

A Piggery Farmer is responsible for rearing pigs on pig farms. The individual establishes a pig farm, performs feed and health management of pigs and markets them. The person may procure pigs for breeding and undertake pig breeding. Similarly, the individual may also undertake pig fattening.

#### 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/N4501: Coordinate the construction activities at the pig farm](#)
2. [AGR/N4504: Undertake feed and health management and marketing of pigs](#)
3. [AGR/N4502: Procure and maintain pigs for breeding](#)
4. [AGR/N4503: Undertake the breeding of pigs](#)
5. [AGR/N4506: Undertake the fattening of pigs](#)
6. [AGR/N9903: Maintain health and safety at the workplace](#)
7. [DGT/VSQ/N0101: Employability Skills \(30 Hours\)](#)

#### Qualification Pack (QP) Parameters

<b>Sector</b>	Agriculture
<b>Sub-Sector</b>	Animal Husbandry
<b>Occupation</b>	Small Ruminants & Others
<b>Country</b>	India
<b>NSQF Level</b>	3

### Qualification Pack

<b>Credits</b>	9
<b>Aligned to NCO/ISCO/ISIC Code</b>	NCO-2015/6121.0100
<b>Minimum Educational Qualification &amp; Experience</b>	<p>8th grade pass with 2 Years of experience in the relevant field          OR          8th grade pass and pursuing continuous schooling in regular school with vocational subject          OR          5th grade pass with 5 Years of experience in the relevant field          OR          Previous relevant Qualification of NSQF Level (2) with 1 Year of experience in the relevant field          OR          Previous relevant Qualification of NSQF Level (2.5) with 6 Months of experience in the relevant field</p>
<b>Minimum Level of Education for Training in School</b>	8th Class
<b>Pre-Requisite License or Training</b>	NA
<b>Minimum Job Entry Age</b>	18 Years
<b>Last Reviewed On</b>	NA
<b>Next Review Date</b>	29/03/2026
<b>NSQC Approval Date</b>	29/03/2023
<b>Version</b>	2.0
<b>Reference code on NQR</b>	QG-03-AG-00376-2023-V1-ASCI
<b>NQR Version</b>	1

## Qualification Pack

### AGR/N4501: Coordinate the construction activities at 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

## Qualification Pack

### 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>	<b>10</b>	<b>14</b>	-	<b>10</b>
<b>PC1.</b> select an appropriate site with adequate and appropriate vegetation, i.e. grass and plants, to feed pigs	-	-	-	-
<b>PC2.</b> ensure the site is at an appropriate distance from dwellings, factories, dairies, poultry farms, food grains storage, etc.	-	-	-	-
<b>PC3.</b> check the site has an adequate and reliable water supply	-	-	-	-
<b>PC4.</b> 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	-	-	-	-
<b>PC5.</b> 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>	<b>20</b>	<b>26</b>	-	<b>20</b>
<b>PC6.</b> arrange the required tools, equipment and material, e.g. wood, bamboo sticks, concrete, stone slabs, bricks, etc., for the construction activities	-	-	-	-
<b>PC7.</b> assist in the installation of durable and strong fences around the pig farm to prevent the escaping of pigs	-	-	-	-
<b>PC8.</b> coordinate with the relevant expert for the construction of pigsty and pig arks	-	-	-	-
<b>PC9.</b> 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	-	-	-	-
<b>PC10.</b> 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
<b>PC11.</b> ensure adequate space and ventilation for easy maintenance and healthy growth of pigs, considering the number of pigs planned at the farm	-	-	-	-
<b>PC12.</b> ensure the construction of drainage channels to drain out animal waste from the farm	-	-	-	-
<b>PC13.</b> set up feeders and water troughs at appropriate locations to ensure their easy accessibility to the pigs and cleaners/attendants	-	-	-	-
<b>PC14.</b> ensure appropriate arrangements at the farm to protect pigs from adverse weather, i.e. roofing and shading of weather-proof material	-	-	-	-
<b>NOS Total</b>	<b>30</b>	<b>40</b>	-	<b>30</b>

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### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	AGR/N4501
<b>NOS Name</b>	Coordinate the construction activities at the pig farm
<b>Sector</b>	Agriculture
<b>Sub-Sector</b>	Animal Husbandry
<b>Occupation</b>	Small Ruminants and Others
<b>NSQF Level</b>	3
<b>Credits</b>	1
<b>Version</b>	2.0
<b>Last Reviewed Date</b>	NA
<b>Next Review Date</b>	15/08/2023
<b>NSQC Clearance Date</b>	15/02/2023

## Qualification Pack

### AGR/N4504: Undertake feed and 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>	<b>13</b>	<b>18</b>	-	<b>13</b>
<b>PC1.</b> determine the nutritional needs of pigs based on the relevant factors, such as age, weight, growth pattern, etc.	-	-	-	-
<b>PC2.</b> 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.	-	-	-	-
<b>PC3.</b> prepare the pig feed using the recommended ingredients to meet the varied nutritional needs of pigs	-	-	-	-
<b>PC4.</b> maintain the recommended ratio of concentrated feed	-	-	-	-
<b>PC5.</b> ensure the household scraps are appropriately treated before feeding to pigs, e.g. boiling the leftover meat before feeding the pigs with them	-	-	-	-
<b>PC6.</b> feed the pigs following the recommended feeding schedule according to their age and stages of growth	-	-	-	-
<b>PC7.</b> follow the recommended health and hygiene standards while preparing the pig feed and feeding the pigs	-	-	-	-
<b>PC8.</b> 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	-	-	-	-
<b>PC9.</b> carry out creep feeding and fostering in piglets when necessary	-	-	-	-
<b>PC10.</b> ensure to water pigs with the recommended quantity of fresh and clean water according to their need and prevailing weather conditions	-	-	-	-
<b>PC11.</b> 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
<b>PC12.</b> 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	-	-	-	-
<b>PC13.</b> 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>	<b>12</b>	<b>16</b>	-	<b>12</b>
<b>PC14.</b> follow the appropriate preventive measures to protect the pigs from parasites and relevant diseases	-	-	-	-
<b>PC15.</b> monitor the pigs for signs of diseases and disorders, e.g. loss of appetite, rapid breathing, high body temperature, etc.	-	-	-	-
<b>PC16.</b> treat the pigs for common diseases and disorders with the appropriate medication	-	-	-	-
<b>PC17.</b> coordinate with a veterinarian for the treatment of diseases and disorders, as required	-	-	-	-
<b>PC18.</b> carry out deworming following the recommended deworming schedule	-	-	-	-
<b>PC19.</b> ensure appropriate vaccination for pigs as per the applicable vaccination schedule	-	-	-	-
<b>PC20.</b> follow the appropriate bio-security procedures to control the spread of zoonotic diseases among the pigs	-	-	-	-
<b>PC21.</b> ensure that pigs are not scavenging or feeding on unhygienic items	-	-	-	-
<b>PC22.</b> follow the appropriate measures to protect piglets from common health issues and minimize mortality among them	-	-	-	-
<b>PC23.</b> 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
<b>PC24.</b> 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>	<b>5</b>	<b>6</b>	-	<b>5</b>
<b>PC25.</b> identify the relevant buyers and negotiate with them to secure a profitable price	-	-	-	-
<b>PC26.</b> arrange an appropriate mode of transport to deliver pigs safely and in hygienic condition to the buyers	-	-	-	-
<b>PC27.</b> process the payments using the appropriate e-payment methods	-	-	-	-
<b>PC28.</b> maintain the relevant manual and electronic records	-	-	-	-
<b>NOS Total</b>	<b>30</b>	<b>40</b>	-	<b>30</b>

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### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	AGR/N4504
<b>NOS Name</b>	Undertake feed and health management and marketing of pigs
<b>Sector</b>	Agriculture
<b>Sub-Sector</b>	Animal Husbandry
<b>Occupation</b>	Small Ruminants and Others
<b>NSQF Level</b>	3
<b>Credits</b>	2
<b>Version</b>	2.0
<b>Last Reviewed Date</b>	NA
<b>Next Review Date</b>	15/08/2023
<b>NSQC Clearance Date</b>	15/02/2023

## Qualification Pack

### AGR/N4502: Procure and maintain pigs for breeding

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

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### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	AGR/N4502
<b>NOS Name</b>	Procure and maintain pigs for breeding
<b>Sector</b>	Agriculture
<b>Sub-Sector</b>	Animal Husbandry
<b>Occupation</b>	Small Ruminants and Others
<b>NSQF Level</b>	3
<b>Credits</b>	1
<b>Version</b>	2.0
<b>Last Reviewed Date</b>	NA
<b>Next Review Date</b>	29/03/2026
<b>NSQC Clearance Date</b>	29/03/2023

## Qualification Pack

### AGR/N4503: Undertake the breeding of pigs

#### Description

This OS unit is about making the appropriate preparations and undertaking pig breeding.

#### Scope

The scope covers the following :

- Prepare for pig breeding
- Carry out pig breeding

#### Elements and Performance Criteria

##### *Prepare for pig breeding*

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

- PC1.** arrange the appropriate tools and materials for farrowing
- PC2.** conduct the appropriate health checks on the selected boars and sows/gilts before breeding and take appropriate measures as required
- PC3.** select the required number of healthy boars and sows/gilts for breeding

##### *Carry out pig breeding*

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

- PC4.** follow the appropriate measures to induce the onset of heat period in sows/gilts, as required
- PC5.** determine the occurrence of heat period in sows/gilts and undertake their mating with the selected boars at the peak of the heat period
- PC6.** maintain the recommended boars to sows/gilts ratio for the maximum fertility
- PC7.** monitor the sows/gilts for the signs of stress and injury during mating and take appropriate remedial measures
- PC8.** feed the sows/gilts with the recommended diet during their pregnancy to ensure their nutrient requirements are met
- PC9.** follow the artificial insemination technique, as required
- PC10.** ensure clean bedding for the sows/gilts during their pregnancy
- PC11.** determine the estimated date of farrowing and prepare the farrowing pens by cleaning and disinfecting them
- PC12.** monitor the sows/gilts during farrowing, allowing it to occur naturally without any help
- PC13.** identify the need to help the sows/gilts in farrowing and take appropriate measures for the birth of piglets or coordinate with a veterinarian, if required
- PC14.** conduct appropriate health check-ups on the newborn piglets, e.g. injury and disease, and take appropriate remedial measures
- PC15.** ensure natural feeding for the newborn piglets for the recommended duration after farrowing

#### Knowledge and Understanding (KU)

## Qualification Pack

The individual on the job needs to know and understand:

- KU1.** the tools, equipment and materials used in breeding
- KU2.** the natural mating and artificial insemination breeding techniques and the applicable requirements
- KU3.** the advantages and disadvantages of natural breeding and artificial insemination
- KU4.** the appropriate precautions to be taken during pig breeding
- KU5.** the importance of maintaining the recommended boars to sows/gilts ration for optimum fertility
- KU6.** how to determine the occurrence of heat period in sows/gilts
- KU7.** how to induce the onset of heat period in sows/gilts
- KU8.** the appropriate pre-mating health checks to be conducted on the selected breeding stocks before breeding as per relevant animal husbandry standards
- KU9.** the importance of monitoring sows/gilts during mating
- KU10.** the nutrient requirements of sows/gilts during their pregnancy
- KU11.** how to determine the estimated date of farrowing and the appropriate arrangements required for farrowing
- KU12.** the process of farrowing and the appropriate action to be taken during farrowing when sows/gilts experience difficulty
- KU13.** the appropriate care to be given to the newborn piglets and their nutritional requirements

## 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 one
- GS9.** identify possible disruptions to work and take appropriate preventive measures

## Qualification Pack

### Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Prepare for pig breeding</i>	<b>8</b>	<b>11</b>	-	<b>8</b>
<b>PC1.</b> arrange the appropriate tools and materials for farrowing	-	-	-	-
<b>PC2.</b> conduct the appropriate health checks on the selected boars and sows/gilts before breeding and take appropriate measures as required	-	-	-	-
<b>PC3.</b> select the required number of healthy boars and sows/gilts for breeding	-	-	-	-
<i>Carry out pig breeding</i>	<b>22</b>	<b>29</b>	-	<b>22</b>
<b>PC4.</b> follow the appropriate measures to induce the onset of heat period in sows/gilts, as required	-	-	-	-
<b>PC5.</b> determine the occurrence of heat period in sows/gilts and undertake their mating with the selected boars at the peak of the heat period	-	-	-	-
<b>PC6.</b> maintain the recommended boars to sows/gilts ratio for the maximum fertility	-	-	-	-
<b>PC7.</b> monitor the sows/gilts for the signs of stress and injury during mating and take appropriate remedial measures	-	-	-	-
<b>PC8.</b> feed the sows/gilts with the recommended diet during their pregnancy to ensure their nutrient requirements are met	-	-	-	-
<b>PC9.</b> follow the artificial insemination technique, as required	-	-	-	-
<b>PC10.</b> ensure clean bedding for the sows/gilts during their pregnancy	-	-	-	-
<b>PC11.</b> determine the estimated date of farrowing and prepare the farrowing pens by cleaning and disinfecting them	-	-	-	-
<b>PC12.</b> monitor the sows/gilts during farrowing, allowing it to occur naturally without any help	-	-	-	-

### Qualification Pack

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<b>PC13.</b> identify the need to help the sows/gilts in farrowing and take appropriate measures for the birth of piglets or coordinate with a veterinarian, if required	-	-	-	-
<b>PC14.</b> conduct appropriate health check-ups on the newborn piglets, e.g. injury and disease, and take appropriate remedial measures	-	-	-	-
<b>PC15.</b> ensure natural feeding for the newborn piglets for the recommended duration after farrowing	-	-	-	-
<b>NOS Total</b>	<b>30</b>	<b>40</b>	<b>-</b>	<b>30</b>

## Qualification Pack

### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	AGR/N4503
<b>NOS Name</b>	Undertake the breeding of pigs
<b>Sector</b>	Agriculture
<b>Sub-Sector</b>	Animal Husbandry
<b>Occupation</b>	Small Ruminants and Others
<b>NSQF Level</b>	3
<b>Credits</b>	1
<b>Version</b>	2.0
<b>Last Reviewed Date</b>	NA
<b>Next Review Date</b>	29/03/2026
<b>NSQC Clearance Date</b>	29/03/2023

## Qualification Pack

### AGR/N4506: Undertake the 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)

## Qualification Pack

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

## Qualification Pack

### Assessment Criteria

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

### Qualification Pack

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

## Qualification Pack

### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	AGR/N4506
<b>NOS Name</b>	Undertake the fattening of pigs
<b>Sector</b>	Agriculture
<b>Sub-Sector</b>	Animal Husbandry
<b>Occupation</b>	Small Ruminants and Others
<b>NSQF Level</b>	3
<b>Credits</b>	1
<b>Version</b>	2.0
<b>Last Reviewed Date</b>	NA
<b>Next Review Date</b>	15/08/2023
<b>NSQC Clearance Date</b>	15/02/2023

## Qualification Pack

### AGR/N9903: Maintain health and safety at the workplace

#### Description

This OS is about maintaining health and safety of self and other co-workers at the workplace

#### Scope

The scope covers the following :

- Maintain personal hygiene
- Maintain clean and safe workplace
- Administer appropriate emergency procedures

#### Elements and Performance Criteria

##### *Maintain personal hygiene*

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

- PC1.** wash hands, legs and face with soap/alcohol based sanitizer at reasonable intervals
- PC2.** wash the worn clothes with soap and sun dry before use next time
- PC3.** ensure the face is covered with mask or three layers of cloth-piece
- PC4.** follow the workplace sanitization norms including distancing from sick people

##### *Maintain clean and safe workplace*

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

- PC5.** carry out basic safety checks before operation of all tools, implements, and machinery and report identified hazards to the supervisor
- PC6.** wear appropriate Personal Protective Equipment (PPE) while performing work in accordance with the workplace policy
- PC7.** follow the instructions mentioned on the labels of chemicals/pesticides/fumigants etc to avoid hazards
- PC8.** assess risks prior to performing manual handling jobs, and work according to currently recommended safe practices
- PC9.** sanitize equipment, tools and machinery before and after use
- PC10.** use equipment and materials safely and correctly and return the same to designated storage after use
- PC11.** dispose waste safely and correctly in the designated area
- PC12.** recognize risks to bystanders and take required action to reduce the risks
- PC13.** work in a manner which minimizes environmental damage, ensuring all procedures and instructions for controlling risks are followed
- PC14.** report any accidents, incidents or problems without delay to an appropriate person and take necessary immediate action to reduce further danger
- PC15.** follow government / workplace advisories incase of outbreak of any disease/disaster

##### *Administer appropriate emergency procedures*

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

## Qualification Pack

- PC16.** follow procedures for dealing with accidents, fires and emergencies, including communicating location and directions to the location of emergency, as per the workplace requirements
- PC17.** use emergency equipment in accordance with manufacturer's specifications and workplace requirements
- PC18.** provide treatment appropriate to the patient's injuries in accordance with recognized first aid techniques
- PC19.** recover (if practical), clean, inspect/test, refurbish, replace and store the first aid equipment as appropriate
- PC20.** report details of first aid administered in accordance with workplace procedures

## Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** relevant legislation, standards, policies, and procedures at work
- KU2.** relevant health and safety requirements applicable to the work environment
- KU3.** own job role and responsibilities and sources of information pertaining to work
- KU4.** who to approach for support in order to obtain work related information, clarifications and support
- KU5.** importance of following health, hygiene, safety and quality standards and the impact of not following the standards on consumers and the business
- KU6.** personal hygiene and fitness requirement
- KU7.** importance of sanitization of the workplace
- KU8.** types of Personal Protective Equipment (PPE) required at the workplace and their importance
- KU9.** the correct and safe way to use materials and equipment required for the work
- KU10.** the importance of good housekeeping at the workplace
- KU11.** safe waste disposal methods
- KU12.** methods for minimizing environmental damage during work
- KU13.** the risks to health and safety including contagious diseases and the measures to be taken to control those risks in the area of work
- KU14.** workplace procedures and requirements for the prevention and treatment of workplace injuries/illnesses.
- KU15.** basic emergency first aid procedure
- KU16.** local emergency services
- KU17.** why accidents, incidents and problems should be reported and the appropriate actions to be taken

## Generic Skills (GS)

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

- GS1.** record the data as per the requirement
- GS2.** report problems to the appropriate personnel in a timely manner

## Qualification Pack

- GS3.** read instruction manual for hand tool and equipments
- GS4.** communicate clearly and effectively with co-workers, and other stakeholders
- GS5.** comprehend information shared by senior people and experts
- GS6.** make decisions pertaining to personal hygiene and safety
- GS7.** schedule daily activities and draw up priorities
- GS8.** manage relationships with co-workers, manager and other stakeholders
- GS9.** assess situation and identify appropriate control measures

## Qualification Pack

### Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Maintain personal hygiene</i>	<b>10</b>	<b>5</b>	-	<b>10</b>
<b>PC1.</b> wash hands, legs and face with soap/alcohol based sanitizer at reasonable intervals	-	-	-	-
<b>PC2.</b> wash the worn clothes with soap and sun dry before use next time	-	-	-	-
<b>PC3.</b> ensure the face is covered with mask or three layers of cloth-piece	-	-	-	-
<b>PC4.</b> follow the workplace sanitization norms including distancing from sick people	-	-	-	-
<i>Maintain clean and safe workplace</i>	<b>15</b>	<b>15</b>	-	<b>15</b>
<b>PC5.</b> carry out basic safety checks before operation of all tools, implements, and machinery and report identified hazards to the supervisor	-	-	-	-
<b>PC6.</b> wear appropriate Personal Protective Equipment (PPE) while performing work in accordance with the workplace policy	-	-	-	-
<b>PC7.</b> follow the instructions mentioned on the labels of chemicals/pesticides/fumigants etc to avoid hazards	-	-	-	-
<b>PC8.</b> assess risks prior to performing manual handling jobs, and work according to currently recommended safe practices	-	-	-	-
<b>PC9.</b> sanitize equipment, tools and machinery before and after use	-	-	-	-
<b>PC10.</b> use equipment and materials safely and correctly and return the same to designated storage after use	-	-	-	-
<b>PC11.</b> dispose waste safely and correctly in the designated area	-	-	-	-
<b>PC12.</b> recognize risks to bystanders and take required action to reduce the risks	-	-	-	-

### Qualification Pack

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<b>PC13.</b> work in a manner which minimizes environmental damage, ensuring all procedures and instructions for controlling risks are followed	-	-	-	-
<b>PC14.</b> report any accidents, incidents or problems without delay to an appropriate person and take necessary immediate action to reduce further danger	-	-	-	-
<b>PC15.</b> follow government / workplace advisories incase of outbreak of any disease/disaster	-	-	-	-
<i>Administer appropriate emergency procedures</i>	<b>15</b>	<b>5</b>	-	<b>10</b>
<b>PC16.</b> follow procedures for dealing with accidents, fires and emergencies, including communicating location and directions to the location of emergency, as per the workplace requirements	-	-	-	-
<b>PC17.</b> use emergency equipment in accordance with manufacturer's specifications and workplace requirements	-	-	-	-
<b>PC18.</b> provide treatment appropriate to the patient's injuries in accordance with recognized first aid techniques	-	-	-	-
<b>PC19.</b> recover (if practical), clean, inspect/test, refurbish, replace and store the first aid equipment as appropriate	-	-	-	-
<b>PC20.</b> report details of first aid administered in accordance with workplace procedures	-	-	-	-
<b>NOS Total</b>	<b>40</b>	<b>25</b>	-	<b>35</b>

## Qualification Pack

### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	AGR/N9903
<b>NOS Name</b>	Maintain health and safety at the workplace
<b>Sector</b>	Agriculture
<b>Sub-Sector</b>	Generic
<b>Occupation</b>	Generic
<b>NSQF Level</b>	4
<b>Credits</b>	1
<b>Version</b>	4.0
<b>Last Reviewed Date</b>	NA
<b>Next Review Date</b>	29/03/2026
<b>NSQC Clearance Date</b>	29/03/2023

## 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>	<b>1</b>	<b>1</b>	-	-
<b>PC1.</b> understand the significance of employability skills in meeting the job requirements	-	-	-	-
<i>Constitutional values - Citizenship</i>	<b>1</b>	<b>1</b>	-	-
<b>PC2.</b> identify constitutional values, civic rights, duties, personal values and ethics and environmentally sustainable practices	-	-	-	-
<i>Becoming a Professional in the 21st Century</i>	<b>1</b>	<b>3</b>	-	-
<b>PC3.</b> 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>	<b>2</b>	<b>3</b>	-	-
<b>PC4.</b> speak with others using some basic English phrases or sentences	-	-	-	-
<i>Communication Skills</i>	<b>1</b>	<b>1</b>	-	-
<b>PC5.</b> follow good manners while communicating with others	-	-	-	-
<b>PC6.</b> work with others in a team	-	-	-	-
<i>Diversity &amp; Inclusion</i>	<b>1</b>	<b>1</b>	-	-
<b>PC7.</b> communicate and behave appropriately with all genders and PwD	-	-	-	-
<b>PC8.</b> report any issues related to sexual harassment	-	-	-	-
<i>Financial and Legal Literacy</i>	<b>3</b>	<b>4</b>	-	-
<b>PC9.</b> use various financial products and services safely and securely	-	-	-	-

### Qualification Pack

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

## Qualification Pack

### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	DGT/VSQ/N0101
<b>NOS Name</b>	Employability Skills (30 Hours)
<b>Sector</b>	Cross Sectoral
<b>Sub-Sector</b>	Professional Skills
<b>Occupation</b>	Employability
<b>NSQF Level</b>	2
<b>Credits</b>	1
<b>Version</b>	1.0
<b>Last Reviewed Date</b>	NA
<b>Next Review Date</b>	23/06/2026
<b>NSQC Clearance Date</b>	23/06/2023

## 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/N4501.Coordinate the construction activities at the pig farm	30	40	-	30	100	15
AGR/N4504.Undertake feed and health management and marketing of pigs	30	40	-	30	100	15
AGR/N4502.Procure and maintain pigs for breeding	30	40	-	30	100	20
AGR/N4503.Undertake the breeding of pigs	30	40	-	30	100	15
AGR/N4506.Undertake the fattening of pigs	30	40	-	30	100	15
AGR/N9903.Maintain health and safety at the workplace	40	25	-	35	100	10
DGT/VSQ/N0101.Employability Skills (30 Hours)	20	30	-	-	50	10
<b>Total</b>	<b>210</b>	<b>255</b>	<b>-</b>	<b>185</b>	<b>650</b>	<b>100</b>

## Qualification Pack

### Acronyms

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

## Qualification Pack

### Glossary

<b>Sector</b>	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.
<b>Sub-sector</b>	Sub-sector is derived from a further breakdown based on the characteristics and interests of its components.
<b>Occupation</b>	Occupation is a set of job roles, which perform similar/ related set of functions in an industry.
<b>Job role</b>	Job role defines a unique set of functions that together form a unique employment opportunity in an organisation.
<b>Occupational Standards (OS)</b>	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.
<b>Performance Criteria (PC)</b>	Performance Criteria (PC) are statements that together specify the standard of performance required when carrying out a task.
<b>National Occupational Standards (NOS)</b>	NOS are occupational standards which apply uniquely in the Indian context.
<b>Qualifications Pack (QP)</b>	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.
<b>Unit Code</b>	Unit code is a unique identifier for an Occupational Standard, which is denoted by an 'N'
<b>Unit Title</b>	Unit title gives a clear overall statement about what the incumbent should be able to do.
<b>Description</b>	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.
<b>Scope</b>	Scope is a set of statements specifying the range of variables that an individual may have to deal with in carrying out the function which have a critical impact on quality of performance required.

## Qualification Pack

<b>Knowledge and Understanding (KU)</b>	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.
<b>Organisational Context</b>	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.
<b>Technical Knowledge</b>	Technical knowledge is the specific knowledge needed to accomplish specific designated responsibilities.
<b>Core Skills/ Generic Skills (GS)</b>	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.
<b>Electives</b>	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.
<b>Options</b>	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.