

## NSQF QUALIFICATION FILE

approved in the 28th NSQC Meeting – NCVET – 29th March 2023

### CONTACT DETAILS OF THE BODY SUBMITTING THE QUALIFICATION FILE

**Name and address of submitting body:**

Agriculture Skill Council of India (ASCI)  
6<sup>th</sup> floor, GNG Building, Plot No – 10, Sector- 44, Gurugram,  
Haryana – 122004

**Qualification Code**

**QG-03-AG-00376-2023-V1-ASCI**

**Name and contact details of individual dealing with the submission**

**Name:** Ms Priyanka Prakash

**Position in the organisation:** Senior Manager – Standards & QA

**Address, if different from above**

**Tel number(s):** 0124 – 4670029/ 4814673/ 4814659

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**List of documents submitted in support of the Qualifications File**

1. Qualifications Pack – Annexure 1
2. Model Curriculum – Annexure 2
3. Industry Validations- Annexure 3

**Model Curriculum to be added which will include the following:**

- Indicative list of tools/equipment to conduct the training
- Trainers qualification
- Lesson Plan
- Distribution of training duration into theory/practical/OJT component

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### SUMMARY

1	<b>Qualification Title</b>	Piggery Farmer
2	<b>Qualification Code, if any</b>	AGR/Q4502, v2.0
3	<b>NCO code and occupation</b>	NCO-2015/6121.0100, Small Ruminants & Others
4	<b>Nature and purpose of the qualification (Please specify whether qualification is short term or long term)</b>	Nature of the qualification- a Qualification Pack (QP) The individual will be responsible for rearing pigs on pig farms. The individual establishes a pig farm, performs feed and health management of pigs
5	<b>Body/bodies which will award the qualification</b>	Agriculture Skill Council of India (ASCI)
6	<b>Body which will accredit providers to offer courses leading to the qualification</b>	Agriculture Skill Council of India (ASCI)
7	<b>Whether accreditation/affiliation norms are already in place or not, if applicable (if yes, attach a copy)</b>	Yes (Annexure 3)
8	<b>Occupation(s) to which the qualification gives access</b>	Small Ruminants & Others
9	<b>Job description of the occupation</b>	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.
10	<b>Licensing requirements</b>	NA
11	<b>Statutory and Regulatory requirement of the relevant sector (documentary evidence to be provided)</b>	NA
12	<b>Level of the qualification in the NSQF</b>	Level 3
13	<b>Anticipated volume of training/learning required to complete the qualification</b>	Total Duration: 270 Hours  Compulsory Modules: 240 Hours (Theory: 90 Hours, Practical: 120 Hours, ES: 30 Hours)  OJT: 30 Hours

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14	Indicative list of training tools required to deliver this qualification	Attached herewith		
15	Entry requirements and/or recommendations and minimum age	8th grade pass with 2 years of relevant experience OR Grade 8 pass and pursuing continuous schooling in regular school with vocational subject OR 5th grade pass with 5 years of relevant experience OR Previous relevant qualification of NSQF Level 2 with 1 year of relevant experience OR Previous relevant qualification of NSQF Level 2.5 with 6 months of relevant experience 18 Years		
16	Progression from the qualification (Please show Professional and academic progression)	Livestock Service Provider (NSQF Level- 4)		
17	Arrangements for the Recognition of Prior learning (RPL)	RPL assessment will be as per normal ASCI assessment process.  (ASCI recognizes that there may be candidates who have prior learning experience in the Agriculture Sector and are desirous of being certified. Such candidates can apply to ASCI for testing and certification of their skills. Training Partners will be responsible for identifying and counselling candidates for RPL through mobilization camps and advertisements. The details of the RPL process have been defined by ASCI under the document- Guidelines for Recognition of Prior Learning under PMKVY).		
18	International comparability where known (research evidence to be provided)	Not done as yet		
19	Date of planned review of the qualification.	3 years post NSQC Approval		
20	Formal structure of the qualification Mandatory components			
	Title of component and identification	Estimated size (learning hours)		Level

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	<b>code/NOSs/Learning outcomes</b>	<b>Theory</b>	<b>Practical</b>	
<b>(i)</b>	Introduction (Bridge Module)	05	00	
<b>(ii)</b>	AGR/N4501: Coordinate the construction activities at the pig farm	10	15	<b>3</b>
<b>(iii)</b>	AGR/N4504: Undertake feed and health management and marketing of pigs	25	35	<b>3</b>
<b>(iv)</b>	AGR/N4502: Procure and maintain pigs for breeding	15	15	<b>3</b>
<b>(v)</b>	AGR/N4503: Undertake the breeding of pigs	15	15	<b>3</b>
<b>(vi)</b>	AGR/N4506: Undertake the fattening of pigs	15	15	<b>3</b>
<b>(vii)</b>	AGR/N9903: Maintain health and safety at the workplace	05	25	<b>4</b>
<b>(viii)</b>	DGT/VSQ/N0101: Employability Skills (30 Hours)	30	00	<b>2</b>
	<b>Total</b>	<b>120</b>	<b>120</b>	
<b>OJT: 30 Hours</b>				

**SECTION 1**  
**ASSESSMENT**

21	<p><b>Body/Bodies which will carry out assessment:</b></p> <p>ASCI affiliated assessment bodies.</p> <ol style="list-style-type: none"><li>1. SHL India (Pvt.) Ltd</li><li>2. Trendsetters Skill Assessors Pvt Ltd</li><li>3. Mercer-Mettl</li><li>4. SP Institute of Workforce Development (SPIWD)</li><li>5. MSAG SI LLP</li></ol> <p>More Assessment Agencies are being empanelled to cover wider geographical area</p>
22	<p><b>How will RPL assessment be managed and who will carry it out?</b></p> <p>RPL will be based on the same approved Qualification Pack and Assessment Criteria mentioned in the Qualification Pack and will be carried out as per normal ASCI assessment process. The Training Partner or any other authority as prescribed by the Steering Committee will identify and counsel candidates eligible for RPL through mobilization camps and advertisements. The mobilized candidates can be counselled, oriented about the standardized NSQF framework and basis their existing competency will be mapped against the suitable level of the concerned Job role for assessments. The candidates enrolled will be assessed by the Assessment Agency affiliated with the Sector Skill Council on the basis of assessment criteria decided by Sector Skill Council (SSC). The candidate will need to pass in the minimum assessment criteria of a particular QP decided by the SSC. Successfully assessed candidates with a valid Aadhaar or alternate ID (as per process) will be eligible for QP-NOS based Certification.</p>
23	<p><b>Describe the overall assessment strategy and specific arrangements which have been put in place to ensure that assessment is always valid, reliable and fair and show that these are in line with the requirements of the NSQF.</b></p> <p>A robust technology enabled assessment methodology has been designed keeping in mind the geographical/Physical constraints and target segment which assess a trainee's knowledge and skill set through three methods:</p> <ol style="list-style-type: none"><li>a. An offline Tablet based test through the use of Multiple Choice Text and Picture based questions in vernacular languages</li><li>b. Actual demonstration on the field</li><li>c. Viva</li></ol> <p><b>ASCI's assessment strategy:</b></p> <ul style="list-style-type: none"><li>● Question sets are developed as per the weightage of each NOS of the Qualification Pack.</li><li>● Assessment criteria for each Qualification Pack developed, in which</li></ul>

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	<p>each Performance criteria (PC) assigned marks based on NOS</p> <ul style="list-style-type: none"><li>• Question Bank is developed to assess the theoretical and practical knowledge. To ensure the quality, each trainees get different set of question</li><li>• Empanelment of subject matter expert as assessor primarily from the Industry to assess trainee specifically on practical skills as per Industry demands</li></ul> <p>Assessments are preferably conducted on tablets or pen or papers in regional languages according to the requirement.</p>
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Please attach most relevant and recent documents giving further information about assessment and/or RPL.

Give the titles and other relevant details of the document(s) here. Include page references showing where to find the relevant information.

### ASSESSMENT EVIDENCE

**Complete a grid for each component as listed in “Formal structure of the qualification” in the Summary.**

*NOTE: this grid can be replaced by any part of the qualification documentation which shows the same information – i.e. Learning Outcomes to be assessed, assessment criteria and the means of assessment.*

#### 24. Assessment evidences

**Title of Component:**

Outcomes to be assessed/ NOSs to be assessed	Assessment criteria for the outcome

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<b>Means of assessment 1</b>
<b>Pass/Fail</b>

NSQC Approved

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**Job Role:** Piggery Farmer

**Qualification Pack:** AGR/Q4502, v2.0

**Sector Skill Council:** Agriculture Skill Council of India

### **Assessment Guidelines:**

1. Criteria for assessment for each Qualification Pack will be created by the Sector Skill Council. Each Performance Criteria (PC) will be assigned marks proportional to its importance in NOS. SSC will also lay down proportion of marks for Theory and Skills Practical for each PC.
2. The assessment for the theory part will be based on knowledge bank of questions created by the SSC.
3. Assessment will be conducted for all compulsory NOS, and where applicable, on the selected elective/option NOS/set of NOS.
4. Individual assessment agencies will create unique question papers for theory part for each candidate at each examination/training center (as per assessment criteria below).
5. Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/training center based on this criterion.
6. To pass the Qualification Pack, every trainee should score a minimum of 70% of aggregate marks to successfully clear the assessment.
7. In case of unsuccessful completion, the trainee may seek reassessment on the Qualification Pack.

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<b>AGR/N4501: Coordinate the construction activities at the pig farm</b>				
<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	-	-	-	-



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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>	<b>20</b>	<b>26</b>	-	<b>20</b>
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	-	-	-	-
<b>NOS Total</b>	<b>30</b>	<b>40</b>	-	<b>30</b>

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<b>AGR/N4504: Undertake feed and health management and marketing of pigs</b>				
<i>Perform feed management of pigs</i>	<b>13</b>	<b>18</b>	<b>-</b>	<b>13</b>
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	-	-	-	-

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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>	<b>12</b>	<b>16</b>	-	<b>12</b>
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	-	-	-	-

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<i>Market the pigs</i>	<b>05</b>	<b>06</b>	-	<b>05</b>
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	-	-	-	-
<b>NOS Total</b>	<b>30</b>	<b>40</b>	-	<b>30</b>
<b>AGR/N4502: Procure and maintain pigs for breeding</b>				
<i>Procure pigs for breeding</i>	<b>15</b>	<b>20</b>	-	<b>15</b>
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>	<b>15</b>	<b>20</b>	-	<b>15</b>
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	-	-	-	-

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PC9. 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>-</b>	<b>30</b>
<b>AGR/N4503: Undertake the breeding of pigs</b>				
<i>Prepare for pig breeding</i>	<b>8</b>	<b>11</b>	<b>-</b>	<b>8</b>
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	-	-	-	-
<i>Carry out pig breeding</i>	<b>22</b>	<b>29</b>	<b>-</b>	<b>22</b>
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	-	-	-	-

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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	-	-	-	-
<b>NOS Total</b>	<b>30</b>	<b>40</b>	<b>-</b>	<b>30</b>
<b>AGR/N4506: Undertake the fattening of pigs</b>				
<i>Procure the fatteners</i>	<b>10</b>	<b>15</b>	<b>-</b>	<b>10</b>
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>	<b>20</b>	<b>25</b>	<b>-</b>	<b>20</b>
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	-	-	-	-

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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	-	-	-	-
<b>NOS Total</b>	<b>30</b>	<b>40</b>	<b>-</b>	<b>30</b>
<b>AGR/N9903: Maintain health and safety at the workplace</b>				
<i>Maintain personal hygiene</i>	<b>10</b>	<b>5</b>	<b>-</b>	<b>10</b>
PC1. wash hands, legs and face with soap/alcohol-based sanitiser at reasonable intervals	-	-	-	-
PC2. wash the worn clothes with soap and sun-dry before use next time	-	-	-	-
PC3. ensure the face is covered with a mask or three layers of cloth-piece	-	-	-	-
PC4. follow the workplace sanitization norms including distancing from sick people	-	-	-	-
<i>Maintain a clean and safe workplace</i>	<b>15</b>	<b>15</b>	<b>-</b>	<b>15</b>
PC5. carry out basic safety checks before operation of all tools, implements, and machinery and report identified hazards to the supervisor	-	-	-	-

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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 the required action to reduce the risks	-	-	-	-
PC13. work in a manner that minimises 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	-	-	-	-
PC15. follow government / workplace advisories in case of outbreak of any disease/disaster	-	-	-	-
<i>Administer appropriate emergency procedures</i>	<b>15</b>	<b>5</b>	-	<b>10</b>
PC16. follow procedures for dealing with accidents, fires and emergencies, including communicating location and directions to the location of the emergency, as per the workplace requirements	-	-	-	-
PC17. use emergency equipment in accordance with the manufacturer's specifications and workplace requirements	-	-	-	-



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PC18. report provided 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	-	-	-	-
<b>NOS Total</b>	<b>40</b>	<b>25</b>	<b>-</b>	<b>35</b>
<b>DGT/VSQ/N0101: Employability Skills – NOS (30 hours)</b>				
<i>Introduction to Employability Skills</i>	<b>1</b>	<b>1</b>	-	-
PC1. understand the significance of employability skills in meeting the job requirements	-	-	-	-
<i>Constitutional values – Citizenship</i>	<b>1</b>	<b>1</b>	-	-
PC2. 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>	-	-
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>	<b>2</b>	<b>3</b>	-	-
PC4. speak with others using some basic English phrases or sentences	-	-	-	-
<i>Communication Skills</i>	<b>1</b>	<b>1</b>	-	-
PC5. follow good manners while communicating with others	-	-	-	-
PC6. work with others in a team	-	-	-	-
<i>Diversity &amp; Inclusion</i>	<b>1</b>	<b>1</b>	-	-
PC7. communicate and behave appropriately with all genders and PwD	-	-	-	-
PC8. report any issues related to sexual harassment	-	-	-	-
<i>Financial and Legal Literacy</i>	<b>3</b>	<b>4</b>	-	-

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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	-	-	-	-
<i>Essential Digital Skills</i>	<b>4</b>	<b>6</b>	-	-
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>	<b>3</b>	<b>5</b>	-	-
PC14. identify and assess opportunities for potential business	-	-	-	-
PC15. identify sources for arranging money and associated financial and legal challenges	-	-	-	-
<i>Customer Service</i>	<b>2</b>	<b>2</b>	-	-
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 &amp; Jobs</i>	<b>1</b>	<b>3</b>	-	-
PC19. create a basic biodata	-	-	-	-
PC20. search for suitable jobs and apply.	-	-	-	-
PC21. identify and register apprenticeship opportunities as per requirement	-	-	-	-
<b>NOS Total</b>	<b>20</b>	<b>30</b>	-	-

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### SECTION 2 EVIDENCE OF LEVEL

#### OPTION B

Title/ Name of qualification/ component: Piggery Farmer			Level: 3
NSQF Domain	NSQF Domain	NSQF Domain	NSQF Domain
Process	<ul style="list-style-type: none"><li>● Process of coordinating the construction activities at the pig farm</li><li>● Process of undertaking feed and health management and marketing of pigs</li><li>● Process of maintaining health and safety at the workplace</li><li>● Process of procuring and maintaining pigs for breeding</li><li>● Process of undertaking the breeding of pigs</li><li>● Process of undertaking the fattening of pigs</li></ul>	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.	3
Professional knowledge	<ul style="list-style-type: none"><li>● Know the terminology used in pig farming</li><li>● Know the appropriate material required for the construction of a pig farm</li><li>● Know how to estimate space requirements of a pigsty</li><li>● Understand the process of constructing pigsty and pig arks</li><li>● Know the appropriate bedding required</li></ul>	The job holder is expected to have knowledge of the appropriate material required for the construction of a pig farm, estimate space requirements of a pigsty, the process of constructing pigsty and pig arks, appropriate bedding required for pigs, prepare pig feed, water requirements of pigs and the importance of watering them, appropriate corrective measures to be taken for feeding-related issues in pigs and	3

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	<p>for pigs</p> <ul style="list-style-type: none"><li>• Know how to prepare pig feed</li><li>• Know the water requirements of pigs and the importance of watering them</li><li>• Know the appropriate corrective measures to be taken for feeding-related issues in pigs</li><li>• Understand the importance of monitoring the physical condition, behaviour and general well-being of pigs regularly</li><li>• Know the appropriate preventive measures to be followed to protect pigs from parasites and relevant diseases</li><li>• Know the basic anatomy and physiology of pigs</li><li>• Know the normal body temperature and pulse rate of pigs</li><li>• Know various body parts of pigs on which vital parameters are recorded and the use of relevant equipment</li></ul>	<p>etc.</p>	
Professional skill	<ul style="list-style-type: none"><li>• Select an appropriate site with adequate and appropriate vegetation</li><li>• Check the site has an adequate and reliable water supply</li><li>• Check that the site does not experience extended exposure to sunlight, waterlogging and has proximity to the relevant markets</li><li>• Arrange the required tools, equipment and material</li></ul>	<p>The job holder is expected to coordinate in selecting an appropriate site with adequate and appropriate vegetation, check the site has an adequate and reliable water supply, check that the site does not experience extended exposure to sunlight, waterlogging and has proximity to the relevant markets, arrange the required tools, equipment and material, coordinate with the relevant expert for the construction of pigsty and pig arks, install appropriate bedding in the pig</p>	3

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	<ul style="list-style-type: none"><li>• Coordinate with the relevant expert for the construction of pigsty and pig arks</li><li>• Install appropriate bedding in the pig arks for the comfortable sleeping of pigs</li><li>• Set up feeders and water troughs at appropriate locations to ensure their easy accessibility to the pigs and cleaners/attendants</li><li>• Ensure appropriate arrangements at the farm to protect pigs from adverse weather</li><li>• Maintain the recommended ratio of concentrated feed</li><li>• Feed the pigs following the recommended feeding schedule according to their age and stages of growth</li><li>• Follow the recommended health and hygiene standards while preparing the pig feed and feeding the pigs</li><li>• Use the appropriate feeders and water troughs to feed and water pigs</li></ul>	arks for the comfortable sleeping of pigs and etc.	
Core Skills	<ul style="list-style-type: none"><li>• Selecting an appropriate site for establishing a pig farm</li><li>• Coordinating the pig farm construction activities</li><li>• Undertaking feed and health management of pigs</li><li>• Marketing of pigs</li><li>• Maintaining the health and safety of self and co-workers at the workplace</li></ul>	The job holder is expected to Select an appropriate site for establishing a pig farm, coordinating the pig farm construction activities, undertake feed and health management of pigs, the market of pigs, and maintain the health and safety of self and co-workers at the workplace, procuring pigs for breeding and maintaining them before breeding, making the appropriate preparations and undertaking pig breeding,	3

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	<ul style="list-style-type: none"><li>● Procuring pigs for breeding and maintaining them before breeding</li><li>● Making the appropriate preparations and undertaking pig breeding</li><li>● Undertaking the fattening of pigs which includes procuring fatteners and maintaining them</li></ul>	undertaking the fattening of pigs which includes procuring fatteners and maintaining them	
Responsibility	<p>The individual will be responsible to perform the below-mentioned activities:</p> <ul style="list-style-type: none"><li>● Select the site and plan the construction activities</li><li>● Coordinate the pig farm construction activities</li><li>● Perform feed management of pigs</li><li>● Maintain the health of pigs</li><li>● Market the pigs</li><li>● Maintain personal hygiene</li><li>● Maintain a clean and safe workplace</li><li>● Administer appropriate emergency procedures</li></ul>	<p>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.</p>	3

**SECTION 3****EVIDENCE OF NEED**

<b>26</b>	<b>What evidence is there that the qualification is needed? What is the estimated uptake of this qualification and what is the basis of this estimate?</b>
<b>Basis</b>	
Need of the qualification	<p>While collecting data from the companies for the occupational map, we also took feedback from industry, training institutions which was collected with respect to roles for which qualification packs development, was to be prioritized. This was largely based on volume of people required, quantitative and qualitative shortfall which the industry feels they face. Governing council of ASCI and Occupational Standards Committee which comprises of experts &amp; senior leaders gave final approval and endorsement for the same.</p> <p>Agriculture is the primary source of livelihood for about 58% of India's population. Gross Value Added by agriculture, forestry, and fishing was estimated at Rs. 19.48 lakh crore (US\$ 276.37 billion) in FY20. The share of agriculture and allied sectors in gross value added (GVA) of India at current prices stood at 17.8 % in FY20. Consumer spending in India will return to growth in 2021 post the pandemic-led contraction, expanding by as much as 6.6%.</p> <p>Small ruminants always play a major role in the agricultural economy of India. They provide livelihoods to numerous small and marginal farmers. The diversity of the small ruminant population is enormous in the country which contributes to the agrarian economy. Population statistics is showing a declining trend for the past several years. During the time of climate change and the outbreak of novel diseases, this genetic diversity is important as consumer preferences and climate is bound to change in future. So to ensure fitness and vitality in future populations of food-producing animals, and to keep genetic options open, access to a greater diversity of genetic material will always be required. The government has taken several steps towards conservation and national institutes like NBAGR works for the evaluation and conservation of native genetic diversity. However, better awareness among farmers and improvement of conservational approaches will go a long way in the sustainable management of Pig genetic resources.</p> <p>Agriculture is the largest sector for employment in India</p>
Industry Relevance	Validations have been received from KVK Muradnagar, Sardar Patel University Meerut, Animal CHC Muradnagar, Dr. Md. Abdur Rashid, Dr. Sanjeev
Usage of the qualification	An NSQF-aligned training to the persons involved in grooming of <b>Piggery Farmer</b> shall provide opportunities to the incumbents for horizontal and vertical career progression. Competency-based training shall imbibe professionalism in the job-role. Being an

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	<p>important and ever-expanding job, the job-role of Piggery Farmer may well be included in the vocational education stream of school education.</p> <p>An industry-determined specification of performance, sets out the skills, knowledge and attitudes required to operate effectively in employment.</p> <p>For employers, the <b>Piggery Farmer</b> Qualification standards offer:</p> <ul style="list-style-type: none"><li>• a means of assessing occupational competence objectively, including knowledge and understanding of the subject</li><li>• a guide for job descriptions and recruitment requirements</li><li>• a basis for staff appraisals</li><li>• a systematic approach to analyzing training needs</li><li>• an opportunity to improve overall company performance by developing a better-trained, better-equipped and more effective workforce.</li></ul> <p>To employees and freelancers, the <b>Piggery Farmer</b> Qualification standards provide:</p> <ul style="list-style-type: none"><li>• a means for recognizing ability</li><li>• a means for determining gaps in knowledge, experience and skills</li><li>• an objective process for identifying training needs</li><li>• performance indicators and a guide to effectiveness and efficiency.</li></ul> <p>One of the most valuable uses of the occupational standards is in the assessment of a person's performance within a particular job. Because the standards are based on the industry's requirements for ability, skills and knowledge, they provide an objective and directly relevant measure for employers and employees a like.</p>								
	<p>The Qualification Pack shall also be helpful in conducting Recognition of Prior Learning of the Piggery Farmer</p>								
Estimated uptake	<table><tr><th>QP/Job Role Name</th><th>"States where Demand exist</th><th>"District where Demand exist</th><th>Projections for the next 3 years</th></tr><tr><td>Piggery Farmer</td><td>PAN INDIA</td><td>Various Districts</td><td>3000</td></tr></table>	QP/Job Role Name	"States where Demand exist	"District where Demand exist	Projections for the next 3 years	Piggery Farmer	PAN INDIA	Various Districts	3000
QP/Job Role Name	"States where Demand exist	"District where Demand exist	Projections for the next 3 years						
Piggery Farmer	PAN INDIA	Various Districts	3000						
27	<p><b>Recommendation from the concerned Line Ministry of the Government/Regulatory Body. To be supported by documentary evidences</b></p> <p>In-process</p>								



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28	<p><b>What steps were taken to ensure that the qualification(s) does (do) not duplicate already existing or planned qualifications in the NSQF? Give justification for presenting a duplicate qualification</b></p> <p>This is the revised version of the already NSQC-approved QP of Piggery Farmer (NQR - 2019/AGR/ASCI/3271). The revision has been undertaken as the QP is going to expire soon.</p>
29	<p><b>What arrangements are in place to monitor and review the qualification(s)? What data will be used and at what point will the qualification(s) be revised or updated? Specify the review process here</b></p> <p>Any institution or individual is welcome to send feedback, which is recorded and considered during the next review cycle.</p> <p>Communication will be sent for any feedback to all the main stakeholders/users one month prior to the review of the qualifications pack.</p> <p>A formal review is scheduled in three years.</p>

Please attach most relevant and recent documents giving further information about any of the topics above.

Give the titles and other relevant details of the document(s) here. Include page references showing where to find the relevant information

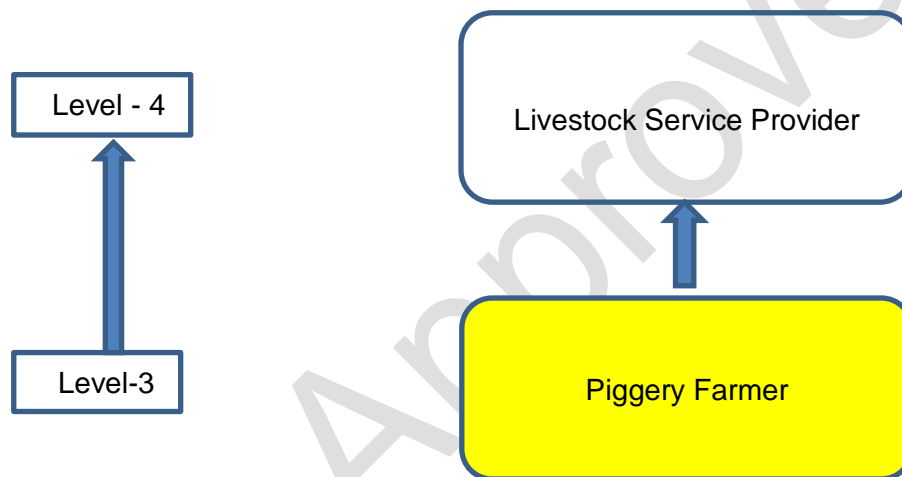
**SECTION 4****EVIDENCE OF PROGRESSION****30**

**What steps have been taken in the design of this or other qualifications to ensure that there is a clear path to other qualifications in this sector?**

***Show the career map here to reflect the clear progression***

Career path in the agriculture sector is generally in terms of activities done & ownership of responsibility because they are primarily self-wage employment/ entrepreneurship roles.

**Annexure 1: Career Map of Piggery Farmer**



Please attach most relevant and recent documents giving further information about any of the topics above.

Give the titles and other relevant details of the document(s) here. Include page references showing where to find the relevant information.