

Revised Application Documentation: Version 4 /25 May, 2015

**QUALIFICATION FILE – CONTACT DETAILS OF SUBMITTING BODY**

**Name and address of submitting body:**

**Agriculture Skill Council of India**

304-305 Bestech Chambers,  
Block B, Sushant Lok 1,  
Gurgaon-122002  
**P:** 0124-4288322

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

**Name:** Ms Priyanka Prakash

**Position in the organisation:** Manager

**Address if different from above**

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

1. Qualifications Pack
2. Industry Engagement Certificate
3. Occupational Map

### 3. QUALIFICATION FILE SUMMARY

<b>Qualification Title</b>	<b>Animal Health Worker (AGR/Q4804)</b>		
<b>Body/bodies which will assess candidates</b>	Agriculture Skill Council of India (ASCI)		
<b>Body/bodies which will award the certificate for the qualification.</b>	Agriculture Skill Council of India (ASCI)		
<b>Body which will accredit providers to offer the qualification.</b>	Agriculture Skill Council of India (ASCI)		
<b>Occupation(s) to which the qualification gives access</b>	Livestock Health Management		
<b>Proposed level of the qualification in the NSQF.</b>	3		
<b>Anticipated volume of training/learning required to complete the qualification.</b>	150 Hours		
<b>Entry requirements / recommendations.</b>	8 <sup>th</sup> Standard Passed Preferable		
<b>Progression from the qualification.</b>	Veterinary Field Assistant		
<b>Planned arrangements for RPL.</b>	RPL assessment will be as per normal ASCI assessment process.		
<b>Formal structure of the qualification</b>			
<b>Title of unit or other component</b> (include any identification code used)	<b>Mandatory/ Optional</b>	<b>Estimated size (learning hours)</b>	<b>Level</b>
AGR/N4801 : Controlling / restraining of animals	Mandatory	10	3
AGR/N4802 : Implementing regular preventive animal health care program	Mandatory	32	
AGR/N4805 : Veterinary first aid	Mandatory	20	
AGR/N4807 : Assisting government agencies in animal disease control	Mandatory	20	
AGR/4808 : Assisting in veterinary extension services	Mandatory	12	
AGR/N4810 : Development program implementation and marketing in livestock sector	Mandatory	18	
AGR/N4813 : Assisting in animal welfare, breed conservation and disaster management	Mandatory	18	
AGR/N4821 : Implementation of animal breeding services in small farm animal (if required)	Mandatory	20	

Please attach any document giving further detail about the structure of the qualification – eg a Curriculum or Qualification Pack.

Give details of the document here:

Qualification Pack Animal Health Worker attached as Annexure 1

## **SECTION 1**

### **ASSESSMENT**

**Name of assessment body:**

If there will be more than one assessment body for this qualification, give details.

ASCI affiliated assessment bodies.

1. Aspiring Minds Pvt Ltd
2. Anant Learning & Development Pvt Ltd
3. Assess People Services India Pvt Ltd
4. Trendsetters Skill Assessors Pvt Ltd

More Assessment Agencies are being empanelled to cover wider geographical area.

**Will the assessment body be responsible for RPL assessment?**

**Yes**

Give details of how RPL assessment for the qualification will be carried out and quality assured.

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.

**Describe the overall assessment strategy and specific arrangements which have been put in place to ensure that assessment is always valid, consistent and fair and show that these are in line with the requirements of the NSQF:**

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:

- a. An offline Tablet based test through the use of Multiple Choice Text and Picture based questions in vernacular languages
- b. Actual demonstration on the field
- c. Viva

**ASCI's assessment strategy:**

- Question sets are developed as per the weightage of each NOS of the Qualification Pack.
- Assessment criteria for each Qualification Pack developed, in which each Performance criteria (PC) assigned marks based on NOS
- Question Bank is developed to assess the theoretical and practical knowledge. To ensure the quality, each trainees get different set of question
- Empanelment of subject matter expert as assessor primarily from the Industry to assess trainee specifically on practical skills as per Industry demands
- Assessments are preferably conducted on tablets or pen or papers in regional languages according to the requirement.
- Questions are uploaded in the tablets only on the day of assessment
- It is ensured that TP/trainer are not present during assessment

Please attach any documents giving further information about assessment and/or RPL.

Give details of the document(s) here:

Assessment criteria is available at the end of the Qualification Pack (attachment sl.no.1)

## ASSESSMENT EVIDENCE

Complete the following grid for each grouping of NOS, assessment unit or other component as listed in the entry on the structure of the qualification on page 1.

### CRITERIA FOR ASSESSMENT OF TRAINEES

**Job Role: Animal Health Worker**

**Qualification Pack: AGR/Q4804**

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

#### **Guidelines for Assessment:**

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. Individual assessment agencies will create unique question papers for theory part for each candidate at each examination/training centre (as per assessment criteria below)
4. Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/training centre based on this criteria
5. To pass the Qualification Pack, every trainee should score a minimum of 60% in aggregate and 40% in each NOS.
6. The marks are allocated PC wise; however, every NOS will carry a weightage in the total marks allocated to the specific QP.

Assessable Outcome	Assessment Criteria	Total Mark (600)	Out Of	Marks Allocation	
				Theory	Skills Practical
1. AGR/N4801 : Controlling / restraining of animals	PC.1 prepare and make the animal to cooperate during handling.	100	20	10	10
	PC2. determine flight zone and point of balance of the animal and approach, hold animal securely and safely.		15	7	8
	PC3. achieve minimum stress and injury to the animal.		5	3	2

	PC4. ensure zero accident.		5	3	2
	PC5. to be able to follow the prescribed procedures related to each tools and equipment.		30	15	15
	PC6. protect oneself from any physical injury arising out of animal handling		5	2	3
	PC7. use various personal protective materials / equipment		10	5	5
	PC8. assess the risk of diseases which can be transmitted from animal to human		10	5	5
	<b>Total</b>		<b>100</b>	<b>50</b>	<b>50</b>
2. AGR/N4802 : Implementing regular preventive animal health care program	PC1. use point of care / field data collection tools (including electronic / mobile based data collection) as per given specifications.	<b>100</b>	5	2	3
	PC2. ensure species / population or sample / geographical / specific area coverage for data collection as per given instruction.		5	2	3
	PC3. regularly collect and submit health, production and breeding data related to attended individual / herd of animals to appropriate authority on time as per given format / criteria.		5	2	3
	PC4. undertake appropriate action which is just for a farmer / client as far as preventing occurrence of preventable known disease(s) in his / her animal / farm is /are concerned.		5	2	3
	PC5. take only such actions / use product / follow procedure which is prescribed in the guideline for the scheduled diseases (s).		5	2	3

PC6. create future demand for preventive services by appropriately communicating the risk.	5	2	3
PC7. Ensure high rate of voluntary compliance of bio-security norms.	7	5	2
PC8. schedule vaccination program at appropriate time ensuring technical requirement related to environment and convenience of farmer / client.	5	2	3
PC9. identify sick animals or animals not fit for vaccination.	5	2	3
PC10. be prepared to face any emergency situation following vaccination.	5	2	3
PC11. report side-effect ( if any )	5	2	3
PC12. conduct self-evaluation of procedure of procurement / infrastructure for storage etc. and use of vaccines from appropriate source only.	5	2	3
PC13. ensure cold chain and compliance of other guideline during transport to farmers / clients place and point of use.	5	2	3
PC14. rotate vaccine stock in hand so that oldest vaccines are used first, ensuring that no vaccine is used after expiration date.	5	2	3
PC15. follow all scientific guideline related to vaccine administration procedure e.g. use of appropriate dose, use of separate syringe for different vaccines etc.	10	5	5
PC16. follow local area guideline regarding species, age and season of de-worming.	5	2	3

	PC17. use only permissible products, following appropriate dose and procedure of administration ( As per directive of supervising veterinarian )		2	2	0
	PC18. use only permissible products, following appropriate dose and procedure of use / application.		2	2	0
	PC19. ensure scale of operation by involving maximum number of farmers in a given area.		1	1	0
	PC20. take precaution for minimum effect on animal / immediate environment.		2	1	1
	PC21. ensure record of given vaccine and administration related information (individual / herd level) along with batch numbers etc. as per given format.		2	2	0
	PC22. timely report vaccine failure to appropriate authority as per format.		1	1	0
	PC23. support laboratory for sample test etc. as per directive for monitoring of success of vaccination program.		2	2	0
	PC24. ensure herd coverage and continuity of vaccination program		1	1	0
	<b>Total</b>		<b>100</b>	<b>50</b>	<b>50</b>
3. AGR/N4805 : Veterinary first aid	PC1. prepare aseptic solution	<b>100</b>	5	2	3
	PC2. diagnose emergency situation and use common suggested medications / follow precautions as per manual.		25	10	15
	PC3. describe common symptoms of diseases in animals and report accordingly.		15	8	7

	PC4. identify common infectious / scheduled animal diseases and ensure timely reporting of the same.		7	5	2
	PC5. identify from symptoms the cause of the accident.		8	4	4
	PC6. assess the severity of the accident and suggest for consultation with veterinarian.		5	5	0
	PC7. provide basic / immediate care as specified for each type of accidents.		15	5	10
	PC8. to be able to stop bleeding, clean and protect the wound.		10	5	5
	PC9. to be able to ensure aseptic handling and protection of the prolapsed organ(s) before the arrival of veterinarian.		10	6	4
	<b>Total</b>		<b>100</b>	<b>50</b>	<b>50</b>
4. AGR/N4807 : Assisting government agencies in animal disease control	PC1. relate to multiple factors that can predispose or cause spread of diseases	<b>100</b>	8	6	2
	PC2. appreciate the 'one health approach' in controlling diseases and cooperate with partnering agencies (s).		5	3	2
	PC3. Ensure local resources (e.g. support materials, skills and abilities of local people) to strengthen government effort at reaching out to farmers for events like vaccination camps etc		7	3	4
	PC4. update government records on livestock markets / farms.		5	3	2
	PC5. engage with officials of local self-government and market institutions.		8	5	3



PC6. guide implementation of approved government guideline related to market operation, cleaning etc.		8	2	6
PC7. describe routes in relation to approved maps / known border areas.		5	3	2
PC8. apply judgment regarding nature of trade / frequency of movement / animal holding areas, volume etc.		5	0	5
PC9. report animal movement as per standard format.		5	3	2
PC10. understand common activities from farm to fork, relationships between various types of people, movement of goods in livestock / poultry related business		5	3	2
PC11. identify risky practices and report to veterinarians / superior officers.		8	5	3
PC12. follow directive and guideline.		5	3	2
PC13. use standard format for reporting.		5	3	2
PC14. ensure humane culling methods.		8	3	5
PC15. ensure scientific disposal of culled carcasses as per guideline.		8	3	5
PC16. ensure use of appropriate disinfectant and adoption to prescribed procedure of application.		3	0	3
PC17. ensure coverage of areas / farms as per suggestion of government authority.		2	2	0
	<b>Total</b>	<b>100</b>	<b>50</b>	<b>50</b>

5. AGR/N4808 : Assisting in veterinary extension services	PC1. understand and explain the applicability and benefit associated with common approved technology(s) / best practice(s) in the context of local situations, opportunities and constraints.	<b>100</b>	35	15	20
	PC2. give feedback on technology application in field and need for improvement (if any).		10	6	4
	PC3. organize extension events based on farmer convenience and seasonal suitability.		15	7	8
	PC4. understand and explain quality parameters regarding various farm inputs.		10	7	3
	PC5. scout sources, plan and organize farmers for intelligent (timely, quality and cost based) procurement of inputs.		10	5	5
	PC6. keep record that can help make farmer meeting and farm school activities 'targeted' and 'need based'		10	5	5
	PC7. use modern communication devices, audio-visual aids to explain farmers / clients.		10	5	5
	<b>Total</b>		<b>100</b>	<b>50</b>	<b>50</b>
6. AGR/N4810 : Development program implementation and marketing in livestock sector	PC1. promote awareness of programs and help in targeted beneficiary selection as envisioned in the promoted project / program.	<b>100</b>	10	5	5
	PC2. work with selected project beneficiaries in implementing activities as envisaged in promoted programs.		10	4	6
	PC3. attend and cooperate during meetings / programs of farmer's institutions / panchayats.		10	4	6
	PC4. inform / involve farmer leaders / panchayat functionaries in selection of program beneficiaries.		10	4	6

	PC5. facilitate organizations's / panchayat's endeavor to ensure convergence of development projects for synergy.		5	5	0
	PC6. motivate and handhold formation of self-help groups.		15	6	9
	PC7. guide farmers on business options and basic economics of various livestock linked activities.		15	6	9
	PC8. motivate farmers to produce for market and ensure aggregation, collective marketing of livestock products		10	5	5
	PC9. provide market related e.g. prices etc. information to farmers.		7	3	4
	PC10. provide information on livestock farm inputs e.g. feed, fodder, supplements etc.		8	8	0
	<b>Total</b>		<b>100</b>	<b>50</b>	<b>50</b>
7. AGR/N4813 : Assisting in animal welfare, breed conservation and disaster management	PC1. explain the cruelty for effective reporting.	<b>100</b>	10	5	5
	PC2. explain stakeholders on common prevention and protection strategies related to common conflict situation.		10	5	5
	PC3. scout and engage with interested breeding farms / goshala's (Protective shelters for cows in India) for conservation of purebred animals.		10	5	5
	PC4. help in stocking (as a preparedness) and mobilization of feed / fodder at the time of disasters.		10	5	5
	PC5. work with community and disaster management authorities to provide safe passage to animals / livestock.		25	12	13

	PC6. provide care / shelter to animal in distress		15	8	7
	PC7. undertake appropriate measures for carcass disposal.		10	5	5
	PC8. undertake culling and other measures suggested in case of disease related emergencies.		10	5	5
	<b>Total</b>		<b>100</b>	<b>50</b>	<b>50</b>
8. AGR/N4821 : Implementation of animal breeding services in small farm animals (if required)	PC1. help farmers / clients with information on sources of good breeding animals.	<b>100</b>	10	2	8
	PC2. assist farmers / clients in selecting animal with proper breed and other characteristics for breeding purpose.		10	5	5
	PC3. detect heat in animals such as goat and pigs.		10	5	5
	PC4. use semen of appropriate quality and blood level.		5	5	0
	PC5. follow protocols pertaining to farm bio-security, safety, hygiene and animal welfare.		10	5	5
	PC6. follow the prescribed procedures in handling semen straw and in conducting insemination.		20	8	12
	PC7. conduct artificial insemination in time.		5	5	0
	PC8. guide farmers / clients on common infertility issues and their handling		5	5	0
	PC9. guide farmers on appropriate feeding of breeding animals e.g. mineral supplementation etc.		5	5	0

	PC10. guide farmers on maintaining optimum number of animals based on breeding plan and suggested performance goal.		5	2	3
	PC11. guide / assist farmer in handling common difficulties related to animal birth.		5	1	4
	PC12. use field data collection tools (including electronic reader / mobile based data collection) as per given specifications.		5	1	4
	PC13. provide organization with standard required information needed to monitor breeding services.		5	1	4
			100	50	50
	<b>Grand Total</b>	800	800	400	400

## **SECTION 2**

### **EVIDENCE OF NEED**

#### **What evidence is there that the qualification is needed?**

While collecting data from the companies for the occupational map, we also took feedback from industry, training institutions & farmer groups 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 & senior leaders gave final approval and endorsement for the same.

#### **What is the estimated uptake of this qualification and what is the basis of this estimate?**

It is difficult to estimate uptake of this qualification at this stage as the sector not only is highly unorganized but also no in-depth skill-gap study has been done. The QP has been developed taking feedback from industry for demand though again sample size may not lend to accurate figures. Working closely with NSDA would indicate precise requirements.

#### **What steps were taken to ensure that the qualification(s) does/do not duplicate already existing or planned qualifications in the NSQF?**

NSDC list of Approved and Under-Development QPs was checked prior to commissioning the work and also our occupational map/QPs are put on ASCI & NSDC websites.

**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?**

- Any institution / individual is welcome to send feedback, which is recorded and considered during next review cycle.
- Communication will be sent for any feedback to all the main stakeholders/users one month prior to the review of the qualifications pack.
- A formal review is scheduled in one year time

Please attach any documents giving further information about any of the topics above.  
Give details of the document(s) here:

### **SECTION 3**

#### **SUMMARY EVIDENCE OF LEVEL**

Level of qualification: **3**

Summary of Direct Evidence (from learning outcomes):

An Animal Health Worker is engaged in implementation of various extension programs for livestock which are generally repetitive in narrow range of application, using appropriate rule & tool, using quality concepts. The individual communicates effectively with the farmers and implementing agencies to carry the work on ground. The individual has basic understanding of social, political and natural environment. He has factual knowledge of animal health care & extension services and is responsible for own work & learning.

<b>Animal Health Worker</b>					
<b>AGR/Q4804</b>					
<b>Process required</b>	<b>Professional Knowledge</b>	<b>Professional Skills</b>	<b>Core Skills</b>	<b>Responsibility</b>	<b>Level</b>
Individual at this job role carry out jobs which requires limited range	The individual need to know the basics off animal behaviour, possible stimulus	The individual needs to recall and demonstrate practical skills in activities like use of	In order to correctly perform the tasks related to application of general principles	The individual have responsibility of implementation of animal breeding services in small	3

of activities, routine and predictable like controlling/restraining of animals, assisting government agencies in animal disease control, animal welfare, breed conservation and veterinary extension services.	and negative responses, the knowledge of flight zone, and point balance. They should also investigate and analyse stimuli and animal behaviour. They must have knowledge of vaccine administration and other healthcare operations.	veterinary first aid and implementation of animal breeding services in small farm animals. They have to use tools and equipment to restrain animals. They have to perform routine and repetitive tasks like implementing regular preventive animal healthcare program.	of animal handling and safety guidelines, use of tools and equipments to restrain animals, to understand the safety issues in the work environment, and to communicate with farmers etc. individual requires communication skills with required clarity, and basic understanding of social, political and natural environment. They requires basic writing skill for animal data recording.	farm animals, development program implementation and marketing in livestock sector. They have some responsibility within defined limit, they neither have full responsibility of own work like in level 4 nor no responsibility like level 2.	
Level : 3	Level : 3	Level : 3	Level : 3	Level : 3	

Summary of other evidence (if used):

#### **SECTION 4**

#### **EVIDENCE OF RECOGNITION OR PROGRESSION**

**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?**

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

However, there are occupations in the organized segment (Agri Industries) in which career pathway has been identified as illustrated in the Occupational Map attached as Annexure sl.no. 3

Please attach any documents giving further information about any of the topics above.

Give details of the document(s) here: