

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

Qualification Title	Artificial Insemination Technician		
Body/bodies which will assess candidates	Agriculture Skill Council of India (ASCI)		
Body/bodies which will award the certificate for the qualification.	Agriculture Skill Council of India (ASCI)		
Body which will accredit providers to offer the qualification.	Agriculture Skill Council of India (ASCI)		
Occupation(s) to which the qualification gives access	Livestock Health Management		
Proposed level of the qualification in the NSQF.	3		
Anticipated volume of training/learning required to complete the qualification.	300		
Entry requirements / recommendations.	8 th Standard Passed Preferable		
Progression from the qualification.	Veterinary Field assistant		
Planned arrangements for RPL.	RPL assessment will be as per normal ASCI assessment process.		
Formal structure of the qualification			
Title of unit or other component (include any identification code used)	Mandatory/Optional	Estimated size (learning hours)	Level
AGR/N4820 : Implementation of Cattle breeding services	Mandatory	90	3
AGR/N4808 : Assisting in veterinary extension services	Mandatory	100	
AGR/N4810 : Development program implementation and marketing in livestock sector	Mandatory	110	

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_ Artificial Insemination Technician 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: Artificial Insemination Technician

Qualification Pack: AGR/ Q4803

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 weight age 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/N4820 : Implementation of cattle breeding services	PC1. help farmers / clients with information on sources of good breeding animals.	100	5	5	0

<p>PC2. assist farmers / clients in selecting animal with proper breed and other characteristics for breeding purpose.</p>	<p>10</p>	<p>3</p>	<p>7</p>
<p>PC3. detect heat in cattle.</p>	<p>10</p>	<p>5</p>	<p>5</p>
<p>PC4. use semen of appropriate quality and blood level.</p>	<p>5</p>	<p>3</p>	<p>2</p>
<p>PC5. follow protocols pertaining to biosecurity, safety, hygiene and welfare</p>	<p>10</p>	<p>5</p>	<p>5</p>
<p>PC6. follow the prescribed procedures in handling semen straw and in conducting insemination.</p>	<p>30</p>	<p>10</p>	<p>20</p>
<p>PC7. conduct artificial insemination in time.</p>	<p>5</p>	<p>5</p>	<p>0</p>

	PC8. guide farmers / clients on appropriate feeding practices required for breeding animals e.g. mineral supplementation etc.		10	5	5
	PC9. guide farmers on maintaining optimum number of animals based on breeding plan and suggested performance goal.		5	3	2
	PC10. use field data collection tools (including electronic reader / mobile based data collection) as per given specifications.		5	3	2
	PC11. provide organization with standard required information such as semen used; time of heat, time of insemination, calf born etc. needed to monitor breeding services.		5	3	2
	Total		100	50	50
2. 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.	100	35	15	20

<p>PC2. give feedback on technology application in field and need for improvement (if any).</p>	10	5	5
<p>PC3. organize extension events based on farmer convenience and seasonal suitability.</p>	15	10	5
<p>PC4. understand and explain quality parameters regarding various farm inputs.</p>	10	5	5
<p>PC5. scout sources, plan and organize farmers for intelligent (timely, quality and cost based) procurement of inputs.</p>	10	5	5
<p>PC6. keep record that can help make farmer meeting and farm school activities 'targeted' and 'need based'</p>	10	5	5
<p>PC7. Use modern communication devices, audio-visual aids to explain farmers / clients.</p>	10	5	5

	PC6. motivate and handhold formation of self-help groups.		15	5	10
	PC7. guide farmers on business options and basic economics of various livestock linked activities.		15	5	10
	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	2	5
	PC10. provide information on livestock farm inputs e.g. feed, fodder, supplements etc.		8	8	0
			100	50	50

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 Artificial Insemination Technician 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.

Artificial Insemination Technician					
AGR/ Q4803					
Process required	Professional Knowledge	Professional Skills	Core Skills	Responsibility	Level
Individual at this job role is responsible for assisting farmers in cattle breeding and management of dairy animals, which includes limited range of activities of predictable & routine processes such as cattle breeding, management and development related services	The individual need factual knowledge of Artificial Insemination in animal breeding, which includes Processes and principles such as artificial insemination techniques, Breeder database maintenance, quality cattle selection, performance	The individual need desired skills in artificial insemination technique, animal breeding and management operations. Individual should be good in selection and application of tool. S/he should be good in quality animal selection.	In order to correctly perform the tasks related to selection of animal, pre preparation of artificial insemination, breeding, management in the outdoor settings, individual requires communication skills with required clarity, basic arithmetic skills, personal banking and basic understanding of	The individual works under close supervision and is responsible for own work within defined limit. They are not lack in responsibility (as required under Level 2), nor they do work independently (as required under Level 4).	3

mostly in the outdoor setting.	monitoring etc., with limited application of material and tools		social, political and natural environment.		
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 self-wage 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: