

Model Curriculum

Artificial Insemination Technician

SECTOR: AGRICULTURE & ALLIED
SUB-SECTOR: ANIMAL HUSBANDRY
OCCUPATION: LIVESTOCK HEALTH MANAGEMENT
REF ID: AGR/Q4803, V1.0
NSQF LEVEL: 3



Certificate

CURRICULUM COMPLIANCE TO QUALIFICATION PACK – NATIONAL OCCUPATIONAL STANDARDS

is hereby issued by the

AGRICULTURE SKILL COUNCIL OF INDIA

for the

MODEL CURRICULUM

Complying to National Occupational Standards of
Job Role/ Qualification Pack: '**Artificial Insemination Technician**' QP No. '**AGR/Q4803 NSQF Level 3**'

Date of Issuance: December 23rd, 2014

Valid up to: March 31st, 2019

* Valid up to the next review date of the Qualification Pack



Authorised Signatory
(Agriculture Skill Council of India)

TABLE OF CONTENTS

<u>1. Curriculum</u>	04
<u>2. Trainer Prerequisites</u>	07
<u>3. Annexure: Assessment Criteria</u>	08

Artificial Insemination Technician

CURRICULUM / SYLLABUS

This program is aimed at training candidates for the job of a “Artificial Insemination Technician”, in the “Agriculture & Allied” Sector/Industry and aims at building the following key competencies amongst the learner

Program Name	Artificial Insemination Technician		
Qualification Pack Name & Reference ID. ID	AGR/Q4803, v1.0		
Version No.	1.0	Version Update Date	
Pre-requisites to Training	8th Standard passed		
Training Outcomes	<p>After completing this programme, participants will be able to:</p> <ul style="list-style-type: none"> • Implement cattle breeding service: Cattle breeds and basics of breeding, artificial insemination, assistance to farmers on management of unproductive animals, breeding related data recording and performance monitoring. • Assist in veterinary extension services: Promotion of approved technologies for productivity and profitability of farming operations. • Assist in development program implementation: Engagement with farmers’ institutions, promotion of economic activities, and marketing of farm inputs. 		

Annexure: Assessment Criteria

Assessment Criteria	
Job Role	Artificial Insemination Technician
Qualification Pack	AGR/Q4803, v1.0
Sector Skill Council	Agriculture

Sr. No.	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	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).
4	Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/training center based on this criterion.
5	To pass the Qualification Pack , every trainee should score a minimum of 50% of aggregate marks to successfully clear the assessment.
6	In case of <i>unsuccessful completion</i> , the trainee may seek reassessment on the Qualification Pack.

	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
	PC2. give feedback on technology application in field and need for improvement (if any).		10	5	5
	PC3. organize extension events based on farmer convenience and seasonal suitability.		15	10	5
	PC4. understand and explain quality parameters regarding various farm inputs.		10	5	5
	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

	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
	Grand Total	300	300	150	150
	Percentage Weightage:			50%	50%
	Minimum Pass% to qualify (aggregate):			50%	