

Model Curriculum

Layer Farm Worker

SECTOR: AGRICULTURE & ALLIED
SUB-SECTOR: POULTRY
OCCUPATION: POULTRY FARMING
REF ID: AGR/Q4307, 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: **'Layer Farm Worker'** QP No. **'AGR/Q4307 NSQF Level 3'**

Date of Issuance: February 20th, 2017

Valid up to: March 31st, 2020

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



Authorised Signatory
(Agriculture Skill Council of India)

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Layer Farm Worker

CURRICULUM / SYLLABUS

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

Program Name	Layer Farm Worker		
Qualification Pack Name & Reference ID. ID	AGR/Q4307, v1.0		
Version No.	1.0	Version Update Date	
Pre-requisites to Training	Class 5 preferably		
Training Outcomes	<p>After completing this programme, participants will be able to:</p> <ul style="list-style-type: none"> • Prepare Layer shed: Introduction to Poultry Farm, site selection, construction of shed • Carry out Feeding, Brooding & Chick Management: Work environment, brooding management of chicks, feeding of chicks • Carry out the routine work in shed: Handling & caring, health management, vaccination, record keeping, documentation etc • Maintain health and safety: Clean and disinfect the shed, hygiene maintenance, disease prevention, shed hygiene 		

Sr. No.	Module	Key Learning Outcomes	Equipment Required
	<p>Corresponding NOS Code AGR/N4336</p>	<p>Chicks, Brooders, growers and Layer birds</p> <ul style="list-style-type: none"> Understand time and frequency of Feeding, food diet of birds at different stages Feed according to the feed chart or as directed Undertake mixing of medicines through feed Collect feed samples for analysis Get acquainted with Space, Light, heat and moisture requirement for the birds Clean, disinfect, sanitize and fumigate the tools/ equipments and shed Understand and maintain the comfort environment for chicks- adequate light, temperature, clean water, feed Undertake safe handling of chicks 	<p>folder/plugs etc, electrical bulbs, insulation tape, brooders, brooder guards, chick feeders, chick drinkers, taps, newspaper, thermometer, foot dips, slippers/footware, balance/weighting scale, platform scale, scoops, feed bins, trolley/wheel barrow</p>
4	<p>Disease prevention and poultry hygiene</p> <p>Theory Duration (hh:mm) 15:00</p> <p>Practical Duration (hh:mm) 20:00</p> <p>Corresponding NOS Code AGR/N4337</p>	<ul style="list-style-type: none"> Observe behaviour and health of chicks Identify the early signs of infection in layer chicks Understand the importance of biosecurity and disinfection in disease prevention Identify and segregate sick and dead birds Undertake Vaccination of Birds <ul style="list-style-type: none"> Medicines to be used Vaccination Schedule Undertake Cleaning and hygienic maintenance of Poultry shed using disinfectants, sanitizers etc Proper disposal of dead birds and other organic matter Proper management of Shed Understand and practice the waste minimization Precautions for diseases in birds Disease management Record the weight of the birds and health check up at regular interval Undertake litter management Restrict the movement of free flying birds and other animals, Restrict the entry of men & material 	<p>Laptop, white board, marker, projector, Vaccines, Neem Powder, sanitizers, disinfectants, PPEs, sprayer, pressure pump, funnel, bottle opener, foot dips, buckets, mugs and mixing vessels, measuring jar, balance, etc</p>
5	<p>Complete documentation and record keeping related to layer farming</p>	<ul style="list-style-type: none"> Document and maintain records of raw materials (related to layer farming) <ul style="list-style-type: none"> Chicks Brooding requirements Shed infrastructure 	<p>Laptop, white board, marker, projector, Record book, Diet Chart, Vaccination</p>

Annexure: Assessment Criteria

Assessment Criteria	
Job Role	Layer Farm Worker
Qualification Pack	AGR/Q4307, 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	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 center based on this criteria
5	To pass the Qualification Pack, every trainee should score a minimum of 50% in aggregate
6	In case of successfully passing only certain number of NOS's, the trainee is eligible to take subsequent assessment on the balance NOS's to pass the Qualification Pack

	PC45. use a clean and parasite-free brooding coop, which is 35*35 cm and 40 cm high		3	0.5	2.5
	PC46. place the coop in a cool, dark place to stimulate the brooding process		2	0.5	1.5
	PC47. place good feed and clean, fresh water near the brooding bird		2	0.5	1.5
			100	30	70
3. AGR/Q4337 Disease prevention and poultry hygiene	PC1. identify the early signs of infection in layer chicks. Such signs may include: <ul style="list-style-type: none"> • sudden death without any signs • lack of coordination • purple discoloration of the combs and legs • soft-shelled or misshapen eggs • lack of energy and appetite • diarrhoea • swelling of the head, eyelids, comb, wattles and hocks • nasal discharge • decreased egg production • coughing, sneezing 		10	3	7
	PC2. follow a proper vaccination schedule and vaccinate the layer chicks regularly		10	3	7
	PC3. use high quality vaccine purchased from reputed manufacturers		10	3	7
	PC4. keep vaccines in cool, dry conditions away from sunlight		10	3	7
	PC5. ensure that the vaccines have not passed their expiry date and dispose off any left-over vaccine in a proper manner		10	3	7
	PC6. remove any dead bird immediately from the shed and send to laboratory for examination		5	1	4
	PC7. ensure that the dead bird is buried/burnt away from the poultry sheds		5	1	4

