

Model Curriculum

Gardener

SECTOR: AGRICULTURE & ALLIED
SUB-SECTOR: AGRICULTURE CROP PRODUCTION
OCCUPATION: LANDSCAPING GARDENING& URBAN FARMING
REF ID: AGR/Q0801, v1.0
NSQF LEVEL: 4



Skill India
शिक्षणं महान् - कुशलं भारतम्



ASCI
Agriculture Skill Council of India



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National
Skill Development
Corporation
Transforming the skill landscape

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: '**Gardener**' QP No. '**AGR/ Q 0801 NSQF Level 4**'

Date of Issuance: March 15th, 2015
Valid up to: March 31st, 2019

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


S.S. Arora
Authorised Signatory
(Agriculture Skill Council of India)

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Gardener

CURRICULUM / SYLLABUS

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

Program Name	Gardener		
Qualification Pack Name & Reference ID. ID	AGR/Q0801, v1.0		
Version No.	1.0	Version Update Date	
Pre-requisites to Training	5 th Standard pass, preferably		
Training Outcomes	<p>After completing this programme, participants will be able to:</p> <ul style="list-style-type: none"> • Identify and use basic tools, equipment & materials: Effectively identify, select & use the specified tools and equipment relevant to gardening works. • Prepare root stocks: Preparing root stocks for grafting, budding • Layout and design the Garden component: Area Measurement and planning for the layout and design of garden. Proper landscaping. • Maintain the Garden: identify and select the tools for Pruning, training, trimming and develop healthy Garden. • Become well versed with Environment Health & Safety: Well versed with health and safety measures in terms of personal safety and others as well. 		

Sr. No.	Module	Key Learning Outcomes	Equipment Required
	(hh:mm) 170:00		

Grand Total Course Duration: **300 Hours, 0 Minutes**

(This syllabus/ curriculum has been approved by [Agriculture Skill Council of India](#))

Trainer Prerequisites for Job role: "Gardener" mapped to Qualification Pack: "AGR/Q0801, v1.0"

Sr. No.	Area	Details
1	Description	Trainer is responsible for educating the trainees – Nursery Management, Designing, beautification of lawns and gardens for private Houses, Parks, and Hotels in order to attract customers.
2	Personal Attributes	The individual should be able to demonstrate skills of designing, maintaining garden, use of various tools, communication skills, observation skills, practical oriented skills and decision making for instant problem solving. Trainer should be Subject Matter Expert.
3	Minimum Educational Qualifications	Diploma
4a	Domain Certification	Certified for Job Role: <u>"Gardener"</u> mapped to QP: <u>"AGR/Q0801, v1.0"</u> . Minimum accepted score is 80%.
4b	Platform Certification	Certified for the Job Role: "Trainer", mapped to the Qualification Pack: "MEP/Q0102". Minimum accepted score is 80%
5	Experience	<ul style="list-style-type: none"> • Post graduate(Horticulture/Agriculture/Botany) • Graduate(Horticulture/Agriculture/Botany) with 6 months of relevant work experience • Diploma with 3 years of relevant work experience • 10+2 with 5 years of relevant work experience

Annexure: Assessment Criteria

Assessment Criteria	
Job Role	Gardener
Qualification Pack	AGR/Q0801, 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 70% 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.

Assessable Outcome	Assessment Criteria	Total Mark (300)	Out Of	Marks Allocation	
				Theory	Skills Practical
1. AGR / N 0801- Nursery Management and Propagation of Plant Material	PC1. Establish of physical infrastructure – shade house, mist chamber, irrigation system	60	5	2	3
	PC2. Prepare of soil mixtures		3	1	2
	PC3. Prepare of seed beds		3	2	1
	PC4. Transplant		2	1	1
	PC5. Take up Potting		2	1	1
	PC6. Take up Hardening		3	2	1
	PC7. Propagate of plants through cuttings		5	2	3
	PC8. Practice layering and stooling (Guava)		5	2	3
	PC9. Practice grafting (Mango)		5	2	3
	PC10. Practice budding in rose / citrus		5	2	3
	PC11. Raise of root stocks for grafting and budding		5	2	3
	PC12. Use of Plastics for Nursery Operations		5	5	0
	PC13. Identify and grow indoor plants of their basic requirements		3	1	2
	PC14. Layout Nursery Area		5	0	5

	PC15. Identify and use of proper root stock and scion for propagation		4	1	3
	Total		60	26	34
2. AGR / N 0802 - Designing of Garden Components	PC1. Design various components of Garden like hedge, edge, shrubbery, pergolas, flower bed, lawn, etc.	75	15	8	7
	PC2. Visualize various components according to actual field		5	3	2
	PC3. Use various components available in the garden area		5	3	2
	PC4. Design different types of gardens		15	9	6
	PC5. Utilise the available space effectively for different type of gardens		5	3	2
	PC6. Measure area for layout of garden components		5	3	2
	PC7. Layout for components of garden in the field		10	7	3
	PC8. Plan field design		10	5	5
	PC9. Maintain the plants according to design		5	2	3
	Total		75	43	32
3. AGR / N 0803 - Plantation, Maintenance and Care of Garden	PC1. Maintain Lawn and Turf	150	10	5	5
	PC2. Plant and Culture of Trees		15	7	8
	PC3. Plant and Culture Trees shrubs and plant covers		10	5	5

