

Model Curriculum

Interior Landscaper

SECTOR: AGRICULTURE & ALLIED
SUB-SECTOR: AGRICULTURE CROP PRODUCTION
OCCUPATION: Landscaping, Gardening and Urban Farming
REF ID: AGR/Q0806, v1.0
NSQF LEVEL: 4



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: **'Interior Landscaper'** QP No. **'AGR/Qo8o6 NSQF Level 4'**

Date of Issuance: February 24th, 2018

Valid up to: March 31st, 2021

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



Authorised Signatory
(Agriculture Skill Council of India)

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Interior Landscaper

CURRICULUM / SYLLABUS

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

Program Name	Interior Landscaper		
Qualification Pack Name & Reference ID.	AGR/Q0806		
Version No.	1.0	Version Update Date	
Pre-requisites to Training	Class 10, preferably		
Training Outcomes	<p>After completing this programme, participants will be able to:</p> <ul style="list-style-type: none"> • Identify/familiarize with different types of plants that are specifically used for interior landscaping: Understand the classification and characteristics of various plants suitable for indoor plantation along with their botanical and common names and physical identification. • Understand the basic principle of design, layout, interior landscaping features and types. • Understand the concept drawings and working drawings: Shall be able to read the conceptual and working drawings. Understand the basic underlying principle of the drawing and customize it as per the customers’ requirements. • Use and maintain gardening tools, containers and other equipments • Take customer inputs and identify suitable areas and location for interior landscaping and prepare a layout as per available space and conditions • Plan and execute the work: Carry out the work on real time basis as per the planned design. • Practice health and safety at the work place: Well versed with health and safety measures in terms of personal as well as others’ safety and introduction to harmful practices of designing and execution 		

Sr. No.	Module	Key Learning Outcomes	Equipment Required
		elegant look of the location-placing of potted plants at suitable places and in aesthetically beautiful arrangements	
4	Use and maintain the gardening tools, containers and other equipments Theory Duration (hh:mm) 15:00 Practical Duration (hh:mm) 20:00 Corresponding NOS Code: AGR/N0819	<ul style="list-style-type: none"> • Ensure proper use of hand tools for indoor gardening and their maintenance • Ensure proper use and handling of containers for interior landscaping • Understand the role of colour aesthetics in indoor landscape for selection of containers. • Maintain the containers in terms of their lusture, finish, breakage etc • Check for proper drainage in containers with change in seasons • Gain knowledge of raw material of containers and their effect on plants with respect to temperature and suitability to plants • Ensure proper maintenance of the site in accordance with the design • Use different containers in different ways to enhance the beauty of the place. 	Terracotta pots, fibre pots, PVC pots, plastic pots, ceramic pots, stone containers, cement containers, metal containers, pebbles, coco peat, sand , red soil, good earth, vermicompost, spade, trowel, polish, geru, sand, shovel, trowel, Spade, Spatula etc.
5	Maintain health and safety at the workplace Theory Duration (hh:mm) 05:00 Practical Duration (hh:mm) 15:00 Corresponding NOS Code: AGR/N9903	<ul style="list-style-type: none"> • Maintain a clean and efficient workplace • Render appropriate emergency procedures • Practice general safety and first aid • Use protective clothing and safety gears like safety belt, helmet, mask, goggles etc. while executing work • Follow the instructions step by step while using insecticides or any tool and equipment 	Safety kit, first aid kit, gloves, goggles, gum boots, helmet, brush cutter, hand cutter, power driven lawn mower, safety belts.
	Total Duration: Theory Duration (hh:mm) 65:00 Practical Duration (hh:mm) 135:00	Unique Equipment Required: Laptop, projector, markers, white board, herbariums, internet connection, planters or containers of different sizes, shapes, plants of different sizes, Good earth, nutrient additives, coco peat, sand, shovel, trowel, Spade, spatula, pots, and pot stands, baskets, secateurs, small scissors, hand sprayer, pesticides, ss wires, nails, screw drivers, compost of different types, Terracotta pots, fibre pots, PVC pots, plastic pots, ceramic pots, stone containers, cement containers, metal containers, pebbles, coco peat, sand , red soil, good earth, vermicompost, spade, trowel, polish, geru, sand, shovel, trowel, Spade, Spatula, Safety kit, first aid kit, gloves, goggles, gum boots, helmet, brush cutter, hand cutter, power driven	

Sr. No.	Module	Key Learning Outcomes	Equipment Required
		lawn mower, safety belts	

Grand Total Course Duration: **200 Hours, 0 Minutes**

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

Trainer Prerequisites for Job role: “Interior Landscaper” mapped to Qualification Pack: “AGR/Q0806, v1.0”

Sr. No.	Area	Details
1	Description	Trainer is responsible for educating the trainees – insight development regarding designing and aesthetic sense of interior landscaping, purpose of interior landscaping, usage of softwares, grow and maintain plants
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	10+2
4a	Domain Certification	Certified for Job Role: “ <u>Interior Landscaper</u> ” mapped to QP: “ <u>AGR/Q0806, 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) with 6 months of relevant work experience • Graduate(Horticulture/Agriculture/Botany) with 1 year of relevant work experience • Any graduate with 5 years of relevant work experience • Diploma (Horticulture/Agriculture/Botany) with 5 years of relevant work experience • 10+2 with 6 years of relevant work experience

Annexure: Assessment Criteria

Assessment Criteria	
Job Role	Interior Landscaper
Qualification Pack	AGR/Q0806, v1.0
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 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 criteria.
5. To pass the Qualification Pack, every trainee should score a minimum of 70% 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.

Assessment outcomes	Assessment criteria for outcomes	Marks Allocation			
		Total Marks	Out Of	Theory	Skills Practical
1. AGR/N0817 Design interior garden	PC1. assess the different indoor locations which are suitable for landscaping	100	9	3	6
	PC2. choose a location for interior gardening based on available space and type of plants		10	3	7
	PC3. form a design plan for the interior garden considering factors like sun, humidity and air conditioning, drainage etc.		10	3	7
	PC4. ensure that the the practice of plant rotation can be followed and shifting of plants at periodic interval for proper care and maintenance		10	3	7
	PC5. fit in the design techniques used for similar gardens in other areas		10	3	7
	PC6. ensure that layout selection does not cause crowding of pots or any sort of obstruction		10	3	7
	PC7. plan installation of features such as paths, paved areas, statues, rock gardens or water features		10	3	7
	PC8. identify the plants that are suitable for indoor gardening including bonsai plants, based on the location indoors, light available in the area and other conditions		10	3	7
	PC9. while identification of plants check for factors such as:		12	4	8
	a. matching in wall colour with plants for contrast/getup				
b. soil and pot/ container requirements for healthy plant growth					
c. how environmental conditions, including; temperature, humidity, light, water and food supply affect plant growth	9	2	7		
PC10. Identify reliable sources for purchase of quality plants as per the requirements					
		100	30	70	
2. AGR/N0818	PC1. propagate different indoor	100	4	1	3

Grow and maintain plants	plants for use			
	PC2. undertake timely potting & repotting	4	1	3
	PC3. ensure proper development and maintenance of bonsai	4	1	3
	PC4. check the general conditions of plants regularly	4	1	3
	PC5. ensure training, pruning and clipping of the plants regularly	4	1	3
	PC6. ensure regular nutritioning for healthy look of the plants	4	1	3
	PC7. provide appropriate pots and support for beautification	4	1	3
	PC8. maintain hygienic conditions following phyto-sanitary regulations	4	1	3
	PC9. select appropriate plants suitable for :	5	1	4
	• dark corners			
	• bold effects			
	• hanging baskets			
	PC10. practice bonsai making and maintenance	4	1	3
	PC11. ensure location specific trimming and clipping of plants	5	2	3
	PC12. ensure proper selection, plantation and maintenance of climbers for specific effects	5	2	3
	PC13. select different types of pots for better look and effects	5	2	3
	PC14. practice soil mixing techniques to prepare ideal soil mixtures for different plants	4	1	3
	PC15. use variety of pot soil covers for aesthetics	4	1	3
	PC16. use saucers to reduce chances of spreading of water and soil through drainage	5	2	3
	PC17. monitor the nutrient requirements and its timely application for healthy plants	5	2	3
	PC18. carry out periodic shifting of plants outside for proper care and maintenance	4	1	3
PC19. clean and polish pots/containers regularly	4	1	3	
PC20. suggest architectural modifications to facilitate proper growth and appearance of plants indoor	5	2	3	
PC21. ensure proper placement of plants singly or in groups as per the location for spot or bold	4	1	3	

	effects				
	PC22. remove dead and decayed twigs and leaves for good appearance regularly		5	2	3
	PC23. ensure adequate water and nutrition of healthy appearance		4	1	3
			100	30	70
3. AGR/N0819 Use and maintain the gardening tools, containers and other equipments	PC1. identify different garden tools & equipments and their uses	100	9	2	7
	PC2. operate and utilize various handtools especially pruners, hand hoe used for gardening		9	3	6
	PC3. ensure proper cleaning and maintenance (greasing/sharpening) of hand tools		9	3	6
	PC4. identify the ideal type of containers available depending upon the type of plant, location, background colour		10	3	7
	PC5. ensure proper condition of the containers (shape, size, colour, drainage, etc.) without any damage		9	3	6
	PC6. ensure blend of beauty and utility in the containers for enhanced look		9	3	6
	PC7. ensure timely cleaning and polishing of containers and covering with polished gravels		9	3	6
	PC8. maintain genuine base for the pots/ containers for proper support and added beauty		9	3	6
	PC9. use modern architectural designs to facilitate indoor gardening like window sills, ledges, built in planters, etc.		9	2	7
	PC10. use variety of hanging baskets, bonsai pots with appealing look		9	2	7
	PC11. ensure proper drainage with no leakage		9	3	6
			100	30	70
4. AGR/N9903 Maintain health and safety at the workplace	PC1. undertake basic safety checks before operation of all machinery and vehicles and report all potential hazards to the supervisor	100	6	2	4
	PC2. identify work for which protective clothing or equipment is required and perform those duties in accordance with workplace policy		7	2	5
	PC3. read and understand the hazards of use and contamination mentioned on the labels of pesticides/fumigants,		7	2	5

	etc.				
	PC4. assess risks prior to performing manual handling jobs, and work according to currently recommended safe practices		7	2	5
	PC5. use equipment and materials safely and correctly and return the same to designated storage when not in use		7	2	5
	PC6. dispose off waste safely and correctly in a designated area		6	2	4
	PC7. recognize risks to bystanders and take action to reduce risk associated with jobs in the workplace		7	2	5
	PC8. perform work in a manner which minimizes environmental damage all procedures and ensure work instructions for controlling risks are followed closely		7	2	5
	PC9. report any accidents, incidents or problems without delay to an appropriate person and take necessary immediate action to reduce further danger		7	2	5
	PC10. follow procedures for dealing with accidents, fires and emergencies, including communicating location and directions for emergency evacuation		7	2	5
	PC11. follow emergency procedures to company standard / workplace requirements		6	2	4
	PC12. use emergency equipment in accordance with manufacturers' specifications and workplace requirements		7	2	5
	PC13. provide treatment appropriate to the patient's injuries in accordance with recognized first aid techniques		7	2	5
	PC14. recover (if practical), clean, inspect/test, refurbish, replace and store the first aid equipment as appropriate		6	2	4
	PC15. report details of first aid administered in accordance with workplace procedures.		6	2	4
			100	30	70
	GRAND TOTAL	400	400	120	280