

SKILLS FRAMEWORK FOR LANDSCAPE SKILLS MAP - NURSERY TECHNICIAN				
Sector	Landscape			
Track	Nursery			
Occupation	Nursery Professional			
Job Role	Nursery Technician			
Job Role Description	<p>The Nursery Technician executes nursery work and tasks to support the nursery production and business requirements. He/She performs plant propagation and related production activities, as well as, performs plant care management tasks to ensure the health of planted stock. He supports plant inventory management, nursery display, nursery sales and fulfilment activities and general housekeeping of the nursery premises.</p> <p>He is able to execute the nursery tasks independently within prescribed guidelines and may guide workers in performing allocated tasks. He is adept to the adoption of new nursery processes and technology, as well as adherence to workplace safety and health practices and regulations. He works primarily in an outdoors environment and may be required to move around various sites within the nursery facilities to perform his allocated duties.</p>			
Critical Work Functions and Key Tasks	Critical Work Functions	Key Tasks		
	Execute nursery operations	Perform handling, packaging, loading and unloading of plants and materials to support inbound and outbound transportation for the nursery		
		Report inventory levels to ensure appropriate stock levels of plants and merchandise are maintained in the nursery		
		Perform tagging and labelling for all plant stock		
	Execute nursery production and plant care management	Execute production of soil mix or plant propagation media		
		Perform plant propagation using appropriate modes for different plant species		
		Execute planting, transplantation and re-potting of plants based on plant production requirements		
		Execute manual and/or automated irrigation of plants in the nursery		
		Perform pruning, weeding and soil amelioration to maintain plant health		
		Identify and report plant health problems concerning pests, diseases, noxious species and malnutrition		
	Execute nursery sales activities	Provide information on nursery products and services to customers		
		Assist in demonstrations on plant care management to customers		
		Package selected plants for presentation or delivery		
		Install nursery displays for plants and merchandise		
	Manage safety of landscape operations	Adhere to applicable workplace safety and health (WSH) regulations and usage of personal protective equipment (PPE)		
		Perform housekeeping tasks to ensure cleanliness and hygiene in the nursery		
Store and handle chemicals and biological control agent supplies in accordance with prescribed guidelines				
Maintain tools and equipment				
Skills and Competencies	Technical Skills and Competencies		Generic Skills and Competencies (Top 5)	
	Automation of Landscape Operations	Level 2	Teamwork	Intermediate
	Display Creation and Management	Level 2	Communication	Basic
	Environment Management in Landscape Operations	Level 2	Service Orientation	Intermediate
	Flower Arrangement	Level 2	Interpersonal Skills	Intermediate
	Flower Harvesting and Handling	Level 2	Problem Solving	Intermediate
	Hazards and Risk Control, and Policy Management	Level 2		
	Horticultural Chemical Usage	Level 2		
	Incident and Accident Investigation	Level 2		
	Inventory Control	Level 2		
	Landscape Irrigation Management	Level 2		

Programme Listing	Landscape Tools, Equipment and Machinery Management	Level 2		
	Plant Health Management and Disease Control	Level 2		
	Plant Identification	Level 2		
	Plant Propagation and Production	Level 2		
	Plant Pruning	Level 2		
	Soil and Media Assessment and Remediation	Level 2		
	Vegetation Planting	Level 2		
	For a list of Training Programmes available for the Landscape sector, please visit: www.skillsfuture.sg/skills-framework/landscape			

The information contained in this document serves as a guide.