

SKILLS FRAMEWORK FOR LANDSCAPE SKILLS MAP - LANDSCAPE WORKER (NURSERY WORK, ARBORICULTURE)				
Sector	Landscape			
Track	Horticulture and Turf Maintenance, Arboriculture, Nursery			
Occupation	Landscape Professional			
Job Role	Landscape Worker [^] (Nursery Work, Arboriculture)			
Job Role Description	<p>The Landscape Worker performs tasks to support and execute landscape maintenance in accordance with instructions and under supervision. He/She is responsible for maintenance tasks such as watering, fertilising, weeding, soil aeration, plant pruning and grass cutting, clearing of horticultural waste and plant pest and disease control for allocated portions of landscape sites. He is also involved in performing routine maintenance of tools and equipment.</p> <p>He may be involved in nursery work where his role may involve plant propagation and production activities as well as assisting in the set up of nursery displays.</p> <p>He may alternatively be involved in arboriculture work which includes performing ground tasks for tree maintenance, basic chainsaw operations and other arboriculture tasks.</p> <p>He performs mainly manual work but may use simple tools and equipment and automation technology. The work is primarily expected to be performed outdoors and requires compliance to safety procedures and protocols given the hazards involved.</p> <p>He should be task-oriented and comfortable in strict adherence to processes and procedures and workplace safety and health regulations. He should be able to collaborate with other team members to complete allocated work.</p>			
Critical Work Functions and Key Tasks	Critical Work Functions	Key Tasks		
	Execute landscape maintenance	Prepare work site areas for maintenance by segregation		
		Assist in the preparation of tools required for landscape maintenance		
		Perform basic landscape maintenance tasks		
		Assist in application of chemicals and other substances required for plant maintenance under supervision		
		Report maintenance challenges to technicians and supervisors		
	Manage safety of landscape operations	Adhere to applicable workplace safety and health (WSH) regulations and usage of personal protective equipment (PPE)		
		Perform safety and functionality visual checks on tools and equipment before use		
		Report tools and equipment to be replaced due to performance or safety considerations		
		Perform maintenance of simple tools and equipment under supervision		
	For Nursery specialisation only			
	Execute nursery production and plant care management	Prepare soil mix or media and containers or beds for plant propagation		
		Perform planting and propagation tasks based on nursery requirements		
		Apply nutrients to support initiation of plant propagation		
		Assist in setting up automated irrigation systems to meet plant propagation and nutrition needs		
		Perform repotting as required to ensure plants have adequate resources to grow healthily		
		Perform post plant care to maintain plant health throughout its lifecycle		
	For Arboriculture specialisation only			
	Execute arboriculture operations	Adhere to applicable workplace safety and health (WSH) regulations and usage of personal protective equipment (PPE) in performing tree maintenance		
Assist in tree pruning and felling operations under supervision				
Install support structures under supervision to ensure tree stability				
Plant and transplant trees at the allocated areas under supervision				
Skills and Competencies	Technical Skills and Competencies		Generic Skills and Competencies (Top 5)	
	Chainsaw Operations*	Level 1	Communication	Basic
	Display Creation and Management**	Level 1	Teamwork	Basic
	Environment Management in Landscape Operations	Level 2	Interpersonal Skills	Basic
	Horticultural Chemical Usage	Level 1	Lifelong Learning	Basic

	Landscape Drainage Management	Level 1	Problem Solving	Basic
	Landscape Irrigation Management	Level 1		
	Landscape Tools, Equipment and Machinery Management	Level 1		
	Plant Health Management and Disease Control	Level 1		
	Plant Identification	Level 1		
	Plant Propagation and Production**	Level 1		
	Plant Pruning	Level 1		
	Skyrise Greenery Maintenance	Level 1		
	Soil and Media Assessment and Remediation	Level 1		
	Tree Climbing and Aerial Rescues*	Level 1		
	Tree Pruning*	Level 1		
	Tree Removal*	Level 1		
	Turf Maintenance	Level 1		
	Vegetation Planting	Level 1		
	Work at Heights	Level 1		
Programme Listing	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.

NOTE: ^ Text within bracket indicates specialisation within the job role

NOTE: * Skills required for Arboriculture specialisation only

NOTE: ** Skills required for Nursery specialisation only