

**SKILLS FRAMEWORK FOR TOURISM
SKILLS MAP - HORTICULTURIST**

Sector	Tourism	
Sub-Sector	Attractions	
Track	Attractions Management and Operations	
Occupation	Horticulturist Professional	
Job Role	Horticulturist	
Job Role Description	<p>The Horticulturist is responsible for the care and cultivation of flora within the organisation/attractions sites. He/She is responsible for maintaining established plantings and developing ecologically appropriate plant collections that will enhance the aesthetics and diversity of plants represented within the attractions sites. He manages the development and implementation of new or upgrading of exhibits and manage the budget. He also conducts presentations to visitors concerning the plant life within the attractions sites and promotes the conservation of flora.</p> <p>Detail-oriented with a strong passion for horticulture, he is meticulous in his care of the plants he is responsible for. He also leverages his strong communication skills to effectively engage visitors on the characteristics of the plant life under his care, and is able to work well either independently or under direction.</p> <p>He works on a rota to cover all periods including weekends and public holidays and also be on an on-call rota. He is also willing to perform physical labour. He often stays outdoors for long periods of time even through inclement weather, and may need a driving licence if he is working in a large park.</p>	
Critical Work Functions and Key Tasks	Critical Work Functions	Key Tasks
	Perform botanical care	Ensure that plant care and transportation procedures and processes are adhered to
		Analyse plant records to ascertain plant health, plant population and plant growth
		Carry out application of pesticides, biological controls and fertilisers as needed
		Monitor environmental conditions required for plant health
		Maintain horticulture tools and equipment
		Supervise nursery management
	Design landscapes	Develop landscaping plans
		Supervise landscape construction
		Perform plant installations
	Perform plant curation	Provide taxonomical information on displayed plants
		Perform plant labelling and tagging
		Monitor plant inventory
		Assist in plant collection acquisitions
	Manage horticultural tours	Collaborate with content and experience development department to develop horticultural tour itineraries
		Lead horticultural tours
		Consolidate visitor feedback
		Communicate roles and responsibilities to tour volunteers
		Supervise movement and activities of volunteers

	Manage departmental operations	Provide on-the-job training to subordinates		
		Execute emergency protocols for horticulturists		
Skills and Competencies	Technical Skills and Competencies		Generic Skills and Competencies (Top 5)	
	Accident and Incident Response Management	Level 3	Developing People	Basic
	Attractions Guest Relations Management	Level 2	Interpersonal Skills	Advanced
	Attractions Programme Development	Level 3	Leadership	Intermediate
	Business Continuity Planning	Level 3	Managing Diversity	Intermediate
	Content Writing and Editing	Level 3	Teamwork	Intermediate
	Contract Development and Management	Level 3		
	Crowd Control and Planning	Level 3		
	Horticulture Management	Level 3		
	Knowledge Management	Level 3		
	Learning and Development	Level 3		
	Risk Management and Administration	Level 3		
	Service Excellence	Level 3		
	Stakeholder Management	Level 3		
	Strategy Implementation	Level 3		
	Technology Application	Level 3		
	Technology Scanning	Level 3		
Volunteer Management	Level 2			
Workplace Safety and Health Performance Management	Level 3			
Programme Listing	For a list of Training Programmes available for the Tourism sector, please visit www.skillsfuture.sg/skills-framework/tourism			

The information contained in this document serves as a guide.