

**SKILLS FRAMEWORK FOR TOURISM
TECHNICAL SKILLS & COMPETENCIES (TSC) REFERENCE**

TSC Category	Attractions Operations					
TSC	Horticulture Management					
TSC Description	Manage policies and practices regarding the research, concept design, care and maintenance of horticulture within an attractions site					
TSC Proficiency Description	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
		TOU-ATO-2010-1.1	TOU-ATO-3010-1.1	TOU-ATO-4010-1.1		
		Perform routine care and maintenance of landscapes and plant displays	Facilitate and nurture the health and growth of plant displays and collections	Develop and manage organisational procedures for horticulture management		
Knowledge		<ul style="list-style-type: none"> Landscape maintenance procedures Types of landscape maintenance tools and equipment Types of pesticides, herbicides and fertilisers Methods of pesticide, herbicide and fertiliser application 	<ul style="list-style-type: none"> Methods of flora and fauna biodiversity enhancement Methods of plant implementation Methods of plant propagation Indicators for plant health and welfare Procedures for greenhouse and landscape management Procedures for movement and transportation of plants 	<ul style="list-style-type: none"> Tropical, sub-tropical, temperate plants and their viable growing conditions Principles of plant propagation Principles of greenhouse and landscape management Pest and disease situations and appropriate remedies Interpretive horticulture Methods of conducting plant trials Criteria for plant selection Techniques of plant movement and transportation 		
Abilities		<ul style="list-style-type: none"> Perform routine maintenance of landscapes and plant displays Upkeep landscape maintenance tools and equipment Apply pesticides, herbicides and fertilisers 	<ul style="list-style-type: none"> Generate plant inventory reports Monitor sapling growth in plant nurseries Monitor health of plant displays and collections Support conduct of plant trials Perform plant implementation processes 	<ul style="list-style-type: none"> Collaborate with design teams to develop innovative floral and horticultural displays Devise plant trials to determine display suitability and performance of shortlisted plant displays 		

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			<ul style="list-style-type: none"> • Execute plant trials to determine suitability and performance of shortlisted plant displays • Collaborate with internal stakeholders and contractors for the construction of landscape and plant displays • Perform enhancement of flora and fauna biodiversity 	<ul style="list-style-type: none"> • Source for suitable annuals, perennials and woody specimens • Assess growing conditions of plant specimens • Develop plant introduction and collections policies • Advise on appropriate remedies for plant health issues 		
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