

**SKILLS FRAMEWORK FOR LANDSCAPE
TECHNICAL SKILLS AND COMPETENCIES (TSC) REFERENCE**

TSC Category	Environment					
TSC	Environment Management in Landscape Operations					
TSC Description	Develop and execute plans to manage the adverse impact of landscape operations on the environment					
TSC Proficiency Description	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
		LNS-GNM-2009-1.1	LNS-GNM-3009-1.1	LNS-GNM-4009-1.1		
		Incorporate sustainable environmental management practices in the execution of horticultural tasks as part of landscape operations	Implement sustainable environmental management practices as part of landscape operations	Develop strategies and plans to incorporate sustainable environmental management practices within landscape operations		
Knowledge		<ul style="list-style-type: none"> Common horticultural activities and their environmental impact Objectives of sustainable environmental management in the context of landscape operations Principles of environmental stewardship to be followed in work practices 	<ul style="list-style-type: none"> Principles and concepts of ecosystem and ecology Principles of sustainable environmental management Adverse impact of horticultural activities on the environment Strategies to minimise the environmental impact of landscape activities Causal agents of damage to the land, soil and water table from landscape and horticultural practices Legislative and regulatory compliance pertaining to environmental management 	<ul style="list-style-type: none"> Local species of flora and fauna Environmental elements and factors impacting them Best practices in sustainable environmental management in landscape operations Local environmental issues and challenges Operational procedures in compliance with sustainable environmental management guidelines Parameters and checks to review impact of operational activities and assess effectiveness of environmental management plans Monitoring systems and procedures for environmental management practices Legislative and regulatory compliance pertaining to environmental management and its significance for environmental protection 		

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<p>Abilities</p>		<ul style="list-style-type: none"> • Recognise tasks and activities that would adversely impact the environment • Execute working procedures in alignment with sustainable environmental management guidelines • Adhere to principles of environmental stewardship in the performance of routine tasks 	<ul style="list-style-type: none"> • Identify horticultural activities that could potentially impact the environment • Recommend changes to working procedures and practices to comply with sustainable environmental management guidelines • Implement environmental impact mitigation plans and practices on the sites • Develop site reports to assess environmental impact of site activities and highlight sustainable environmental management practices deployed on sites • Supervise the promotion and application of sustainable management practices in the workplace 	<ul style="list-style-type: none"> • Establish the objectives of developing strategies for sustainable environmental management in landscape operations • Review environmental impact assessment of proposed horticultural work on sites • Develop environmental management plans for the sites • Guide the development of working procedures and practices for horticultural work in alignment with the environmental management plans • Review site adherence to environmental management plans on periodic basis to assess the effectiveness of environmental management strategies and plans • Report breaches and violations of environmental guidelines to concerned agencies 		
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