

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

TSC Category	Horticulture					
TSC	Horticultural Maintenance Programme					
TSC Description	Establish scope, develop plans for, and implement horticultural maintenance programmes					
TSC Proficiency Description	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
			LNS-GNM-3012-1.1	LNS-GNM-4012-1.1		
			Implement horticultural maintenance programme on site	Develop horticultural maintenance programme by assessing site and scope		
Knowledge			<ul style="list-style-type: none"> Identifiable traits and growth requirements of plant species on site Site conditions and their impact on plant growth and health Methods, techniques, materials and equipment required for horticultural maintenance tasks, Manpower requirements for horticultural maintenance tasks Skills required for various horticultural maintenance tasks Reporting and documentation standards for horticultural maintenance Relevant workplace safety and health (WSH) guidelines 	<ul style="list-style-type: none"> Site assessment procedures and objectives Characteristics, growth and maintenance requirements of plants Seasonal and contingency maintenance requirements for plants Manpower requirements for horticultural maintenance tasks Maintenance plans and programmes for various plant species Environmental impact and related mitigation considerations for plant maintenance operations Industry standards in horticultural maintenance practices Relevant workplace safety and health (WSH) guidelines 		
Abilities			<ul style="list-style-type: none"> Document plant species on site to support the development of the horticultural maintenance programme Determine the maintenance processes and corresponding tools, equipment and materials required 	<ul style="list-style-type: none"> Assess site to identify and record plant species, site conditions and factors that could impact horticultural maintenance Analyse historical records of horticultural maintenance on site to identify the scope of maintenance required 		

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			<ul style="list-style-type: none"> • Develop periodic maintenance schedules for the site • Develop manpower allocation based on site zones and maintenance requirements • Communicate task allocation to team of workers on a periodic basis • Implement housekeeping and waste management practices to mitigate the environmental impact of horticultural maintenance operations • Resolve manpower challenges on site • Implement relevant WSH guidelines and procedures 	<ul style="list-style-type: none"> • Conduct the testing of soil to assess nutrient requirements with respect to the available plant species • Segregate site into zones for manpower planning and allocation • Develop overall site maintenance plans by defining maintenance procedures and frequency, housekeeping and waste management procedures, and site reporting norms • Develop plans to mitigate the environmental impact of horticultural maintenance • Resolve maintenance and horticultural issues, challenges and problems • Enforce adherence to relevant WSH guidelines and procedures 		
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