

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

TSC Category	Arboriculture					
TSC	Tree Health Management					
TSC Description	Implement plans, procedures and practices to manage tree health in routine and contingency situations					
TSC Proficiency Description	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
		LNS-GNM-2005-1.1	LNS-GNM-3005-1.1	LNS-GNM-4005-1.1		
		Identify tree health disorders and perform tree health management activities according to established guidelines and procedures	Supervise tree health assessments and management on sites	Establish organisational guidelines for tree health management, advise on tree health management approaches and review tree health management activities		
Knowledge		<ul style="list-style-type: none"> Common types of tree health disorders Tools and equipment used in tree maintenance and health management Manual soil amelioration by forking Use of fertilisers to provide tree nutrition Methods, techniques and practices for application of chemicals to treat tree health Sectional tree pruning and felling methods and techniques Personal protective equipment (PPE) required for arboriculture operations Relevant guidelines for workplace safety and health (WSH) 	<ul style="list-style-type: none"> Factors impacting tree health and visual indicators of tree health Structural defects in trees Species-specific diseases and their symptoms Common tree pests and their mode of attack and spreading Treatment of diseases, decay and pest infestation in trees Methods of meeting tree's nutritional requirements Organisational guidelines on tree health diagnosis and remediation Legislative and regulatory compliance guidelines pertaining to use of chemicals Personal protective equipment (PPE) required for arboriculture operations Relevant guidelines for workplace safety and health (WSH) 	<ul style="list-style-type: none"> Tree assessment methods and techniques Best practices in tree health management Parameters and visual indicators of tree health Manual, chemical and biological means for remediation of tree health disorders Environmental impact of tree health management activities Legislative and regulatory compliance requirements for tree health management Legislative and regulatory compliance guidelines pertaining to use of chemicals, environmental and personal health and safety Safety considerations in tree health management activities Relevant guidelines for workplace safety and health (WSH) 		

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<p>Abilities</p>		<ul style="list-style-type: none"> Identify symptoms of tree health disorders according to established guidelines Report tree health disorders in a responsive manner Apply fertilisers to provide tree nutrition Perform manual and chemical amelioration of soil to promote tree health and growth Apply chemicals to treat tree health disorders Perform pruning to remove diseased, infested or decaying portions Install support systems to correct structural defects and support trees in position under supervision 	<ul style="list-style-type: none"> Monitor the health of trees according to organisational procedures and contractual requirements Recognise nutritional deficiencies, disease, decay, pest infestation, structural defects and other tree health disorders Confirm tree health disorders by interpreting arborist and lab reports Determine approaches for tree health remediation based on established organisational guidelines for arboriculture health management Supervise the application of chemicals and biological agents to treat pests, decay and disease Supervise tree pruning to remove diseased, infested or decaying portions Supervise tree felling operations Supervise the setting up of support systems to correct structural defects and support trees in position 	<ul style="list-style-type: none"> Establish organisational guidelines for tree health monitoring and remediation Establish organisational guidelines pertaining to the use of chemicals and biological agents for addressing tree health disorders Assess tree health by reviewing site reports and conducting on-site assessments Prepare tree health reports in consultation with advice from the laboratory Advise on approaches to be adopted for tree health remediation Review progress of tree health management activities to advise on specific cases Drive adherence to applicable WSH guidelines 		
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