

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

TSC Category	Arboriculture					
TSC	Chainsaw Operations					
TSC Description	Operate chainsaws for felling or pruning in horticulture or arboriculture works					
TSC Proficiency Description	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
	LNS-GNM-1001-1.1	LNS-GNM-2001-1.1	LNS-GNM-3001-1.1	<Insert TSC Code>	<Insert TSC Code>	<Insert TSC Code>
	Perform basic chainsaw operations on ground under supervision	Operate chainsaws for the purpose of executing arboriculture works	Operate chainsaws at height and/or in complex situations			
Knowledge	<ul style="list-style-type: none"> Fundamentals of chainsaw operations Sawing and cutting methods and techniques Post-operation routine maintenance procedures for chainsaws Safety features of different types of chainsaws Personal risks associated with chainsaw operation Personal Protective Equipment (PPE) required for chainsaw operations Relevant workplace safety and health (WSH) guidelines 	<ul style="list-style-type: none"> Safe working site requirements for chainsaw operations Site preparation procedures before commencing chainsaw operations Procedures and guidelines for different types of chainsaws Sawing and cutting methods and techniques Inspection and maintenance procedures for chainsaws Safety features of different types of chainsaws Hazards and risks associated with chainsaw operations Negative environmental impact of chainsaw operations Personal Protective Equipment (PPE) required for chainsaw operations Relevant workplace safety and health (WSH) guidelines 	<ul style="list-style-type: none"> Safe working site requirements for chainsaw operations Organisational procedures and manufacturing specifications relating to operation of chainsaws Application of various cuts and sawing techniques based on tree and situational requirements Sawing materials and their preparation Operational procedures for using chainsaws at height or in complex situations Hazards and risks associated with chainsaw operations at height or in complex situations Negative environmental impact of chainsaw operations Relevant workplace safety and health (WSH) guidelines 			
Abilities	<ul style="list-style-type: none"> Wear appropriate PPE according to specifications before 	<ul style="list-style-type: none"> Select and use appropriate equipment, 	<ul style="list-style-type: none"> Select and use appropriate equipment, 			

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	<p>commencing chainsaw operations</p> <ul style="list-style-type: none"> • Perform basic checks on chainsaws and other equipment before commencing operations • Verify techniques to be adopted for sawing with the supervisor • Start chainsaw using prescribed techniques and safety guidelines • Operate chainsaws to perform tree pruning and/or sectional tree removal for small trees under supervision • Saw logs on ground using appropriate techniques as guided by supervisor • Perform cleaning of chainsaws and related equipment after operations 	<p>including PPE, according to specifications</p> <ul style="list-style-type: none"> • Inspect chainsaws and other equipment before commencing operations • Set up safe work area to minimise worksite risks and hazards • Assess trunks or logs to be sawn • Start chainsaw using prescribed techniques and safety guidelines • Operate chainsaw to saw tree trunks and/or stems for felling or pruning using required techniques • Implement processes to minimise negative environmental impacts associated with chainsaw operations • Perform post-operational checks and maintenance • Report chainsaw and other equipment's performance, damage or malfunctions according to operational procedures 	<p>including PPE, according to specifications</p> <ul style="list-style-type: none"> • Conduct routine checks and maintenance procedures before operation and according to manufacturer's specifications and maintenance plans • Determine approach and cutting techniques to be adopted based on tree assessment • Operate chainsaws to perform pruning or felling cuts at height or in complex situations using appropriate techniques and safety procedures • Coordinate with supervisors and ground team to align operational workflow and resolve contingency situations • Implement processes to minimise negative environmental impacts associated with chainsaw operation in compliance with regulatory requirements • Perform post-operational checks and maintenance • Report chainsaw and other equipment's performance, damage or malfunctions according to operational procedures 			
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