

**Specification of Competency Standards**  
**for the Arboriculture & Horticulture Industry**  
**Unit of Competency**

Functional Area - Occupational Safety and Health for the Arboriculture and Horticulture Industry

Title	Use machinery of the arboriculture and horticulture industry
Code	109053L3
Range	This unit of competency is applicable to frontline personnel who are engaged in the operation of machines in the arboriculture and horticulture industry. Practitioners should be capable of using machinery to carry out work properly according to the safe use guidelines of the machinery and the instructions of the superiors, as well as mastering the skills for inspecting and maintaining machinery.
Level	3
Credit	3 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Possess knowledge related to the use of machinery of the arboriculture and horticulture industry</p> <ul style="list-style-type: none"> <li>• Comprehend the types of machinery commonly used in the arboriculture and horticulture industry</li> <li>• Comprehend the correct postures, operation techniques and procedures for using machinery safely</li> <li>• Comprehend the working principles, working loads and precautions of machinery</li> <li>• Comprehend the inspection methods and daily maintenance procedures of machinery</li> <li>• Comprehend the potential risks and hazards of using machinery</li> <li>• Comprehend the safety guidelines and related legal requirements for operating machinery</li> </ul> <p>2. Use machinery of the arboriculture and horticulture industry</p> <ul style="list-style-type: none"> <li>• Operate machinery properly to perform duties according to the safe use guidelines of the machinery and the instructions of the superiors</li> <li>• Inspect the mechanical parts and structure of machinery, including safety guards</li> <li>• Don suitable personal protective equipment according to the machinery used</li> <li>• Inform other staff working in the same venue and ensure they are in a safe area before turning on the machinery</li> <li>• Implement corresponding safety protection measures to protect the safety of staff and passers-by, for example, using appropriate barriers to fence the work areas and erecting warning signs</li> <li>• Renew the operation permits regularly for machinery that is subject to licensing control</li> <li>• Clean used machinery and store it properly according to the established procedures</li> </ul> <p>3. Exhibit professionalism</p> <ul style="list-style-type: none"> <li>• Get updated with the safety knowledge for using the relevant machinery from time to time</li> </ul>
Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> <li>• Able to operate machinery properly to perform duties according to the safe use guidelines of the machinery and the instructions of the superiors;</li> <li>• Able to implement corresponding safety protection measures to protect the safety of staff and passers-by according to the instructions of the superiors; and</li> <li>• Able to inspect and maintain related machinery according to the instructions of the superiors.</li> </ul>

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Remark	
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