

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

Functional Area - Planting, Caring and Management of Plants

Title	Carry out plant cultivation and care operations
Code	109111L1
Range	This unit of competency is applicable to frontline personnel who are engaged in plant cultivation and care operations in the arboriculture and horticulture industry. Practitioners should be capable of mastering the practical work skills for cultivating and caring for plants, and carrying out plant cultivation operations and related daily caring work in accordance with the instructions of superiors.
Level	1
Credit	2 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Possess knowledge related to carrying out plant cultivation and care operations</p> <ul style="list-style-type: none"> <li>• Comprehend the working procedures for caring for different species of plants and the related technical requirements</li> <li>• Comprehend the proper use and maintenance methods of related machinery and tools</li> <li>• Comprehend the techniques and knowledge of cultivating different species of plants</li> <li>• Comprehend the working guidelines and safety codes of the organisation</li> </ul> <p>2. Carry out plant cultivation and care operations</p> <ul style="list-style-type: none"> <li>• Fence off the work areas and assist in implementing temporary traffic measures according to the instructions of superiors</li> <li>• Operate related tools to carry out caring work such as pruning, fertilising, irrigating, cultivating the soil and applying pesticides</li> <li>• Carry out preparatory work before cultivating plants, such as flattening and clearing the planting areas, and loosening the soil</li> <li>• Transplant the plants from the nurseries to the designated planting areas, and carry out fertilisation and irrigation, ensuring that the plants have sufficient nutrients</li> <li>• Implement temporary traffic measures to divert traffic flow</li> <li>• Clean up the work sites and maintain the related tool</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 correctly operate related tools and machinery to carry out daily caring work of plants according to the instructions of superiors; and</li> <li>• Able to properly carry out follow-up work after plant cultivation operations.</li> </ul>
Remark	