

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

Functional Area - Plant Selection, Cultivation and Propagation

Title	Monitor plant cultivation and propagation
Code	109070L3
Range	This unit of competency is applicable to supervisors who are engaged in plant cultivation and propagation in the arboriculture and horticulture industry. Practitioners should be capable of mastering the methods and techniques of plant cultivation and propagation, and supervising staff to carry out plant cultivation and propagation according to the requirements of the work plans.
Level	3
Credit	3 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Possess knowledge related to monitoring plant cultivation and propagation</p> <ul style="list-style-type: none"> • Comprehend the types, characteristics and propagation methods of plants that need to be cultivated and propagated • Comprehend the work plans of plant cultivation and propagation of the organisation • Comprehend the tools and equipment required for carrying out plant cultivation and propagation • Comprehend the quality objectives of plant cultivation and propagation, and the related safety measures • Comprehend the techniques and procedures for carrying out plant cultivation and propagation <p>2. Monitor plant cultivation and propagation</p> <ul style="list-style-type: none"> • Explain to staff the objectives, workflow and points to note of the cultivation and propagation work plans • Arrange staff's posts and allocate relevant tools for conducting plant cultivation and propagation • Adopt suitable propagation methods according to the types and growth characteristics of plants, such as cutting method, layering method, division method, grafting method and tissue culture • Select the right cultivation media and containers • Supervise staff to carry out plant cultivation or propagation and ensure that each procedure meets the quality objectives and safety standards • Guide staff to prepare labels for the cultivated and propagated plants, and put them on the corresponding plants
Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> • Able to supervise staff to carry out plant cultivation and propagation according to the requirements of the work plans; • Able to arrange staff's posts and allocate necessary tools suitably for conducting plant cultivation and propagation; and • Able to guide staff to complete every procedure and safety measure of plant cultivation and propagation properly, ensuring that the work meets the quality objectives and safety standards.
Remark	