

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

Functional Area - Plant Selection, Cultivation and Propagation

Title	Design horticultural projects
Code	109066L3
Range	This unit of competency is applicable to technical personnel who are engaged in designing horticultural projects in the arboriculture and horticulture industry. Practitioners should be capable of designing small gardens according to the job requirements, the growth characteristics of plants and the environmental factors of planting.
Level	3
Credit	3 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Possess knowledge related to designing horticultural projects</p> <ul style="list-style-type: none"> • Comprehend the elements and concepts of designing small gardens • Comprehend the ways to arrange different plants • Comprehend the growth characteristics of plants and their compatibility with the landscape • Comprehend the mutually beneficial factors between plants and the planting environment • Comprehend the requirements of the related design works • Comprehend the actual conditions of the planting sites <p>2. Design horticultural projects</p> <ul style="list-style-type: none"> • Choose plant species that meet the landscape requirements according to the job requirements and the environmental factors of planting • Find matching plant species that are suitable for planting together based on the selection list • Design the planting locations of the plants in the small gardens to match the overall landscape • Draw design sketches of the small gardens and submit them, together with the planting lists, to project leaders • Work with clients to develop plans and schedules for the design of horticultural projects <p>3. Exhibit professionalism</p> <ul style="list-style-type: none"> • Use appropriate decorations to match the design of the small gardens to upgrade the overall landscape
Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> • Able to select suitable plants for the design works according to the job requirements and the environmental factors of planting to enhance the small gardens; and • Able to draw design sketches of the small gardens, and find matching plants and decorations to upgrade the overall landscape.
Remark	