

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

Functional Area - Plant Selection, Cultivation and Propagation

Title	Establish nurseries
Code	109077L6
Range	This unit of competency is applicable to managers who are engaged in the establishment of nurseries in the arboriculture and horticulture industry. Practitioners should be capable of establishing suitable nurseries and making site plans for the nurseries in accordance with the job requirements or the development needs of the organisation, as well as formulating the daily operation mechanisms and various codes of practice for the nurseries.
Level	6
Credit	6 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Possess knowledge related to establishing nurseries</p> <ul style="list-style-type: none"> • Comprehend the goals and purposes of the establishment of the nurseries, and the procedures involved and resources required • Master the knowledge of developing plans for nursery establishment • Master the principles and methods of planning the land use of nurseries • Comprehend the types of plants suitable for cultivating in the nurseries and their propagation methods • Master the knowledge of choosing nursery locations, such as climate, soil type, traffic, location and topography • Comprehend the facilities, tools and machinery needed for the daily operation of nurseries • Comprehend the government regulations and contract requirements related to the establishment of nurseries <p>2. Establish nurseries</p> <ul style="list-style-type: none"> • Develop nursery establishment plans, such as manpower, facilities, tools, machinery, construction costs, working capital and land use planning of the nurseries • Choose nursery locations that meet the requirements of the organisation • Make site plans for the nurseries, setting up nursery stock production areas, various warehouses, staff resting areas, etc. • Devise the propagation methods of the plants of the nurseries and the workflow • Select suitable plant species for production • Manage the administrative matters of the nurseries, such as staff employment, purchasing, repairing and replacing equipment • Formulate the quality requirements of the plants of the nurseries and the monitoring mechanism for the production processes • Formulate the codes of practice, safety guidelines and contingency plans for the daily operation of the nurseries <p>3. Exhibit professionalism</p> <ul style="list-style-type: none"> • Set clear directions and work targets for the establishment of the nurseries, leading the team to complete the construction work effectively
Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> • Able to choose suitable nursery locations and formulate budget plans according to the development needs of the organisation;

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	<ul style="list-style-type: none">• Able to make site plans of the nurseries effectively to facilitate the production and caring work of the nurseries; and• Able to formulate the daily operation mechanisms of the nurseries and handle administrative matters related to the establishment of nurseries.
Remark	