

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

Functional Area - Survey, Inspection and Risk Assessment

Title	Plan the objectives, scope and methods of plant surveys
Code	109137L5
Range	This unit of competency is applicable to managers who are engaged in plant surveying in the arboriculture and horticulture industry. Practitioners should be capable of mastering the professional knowledge in relation to the local ecological environment and plant surveys. They should also be able to utilise the resources of the organisation effectively to plan the objectives, scope, methods and requirements on quality control of the plant survey projects, so as to ensure that the survey work can be carried out smoothly.
Level	5
Credit	6 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Possess knowledge related to planning the objectives, scope and methods of plant surveys</p> <ul style="list-style-type: none"> <li>• Comprehend the relationship between plant growth cycle, ecological environment and climate</li> <li>• Possess knowledge of local natural ecosystems and various ecological environments</li> <li>• Familiarise with plant surveying methods and related techniques</li> <li>• Comprehend the legislation and guidelines related to conducting plant surveys in different locations</li> <li>• Comprehend the resources that the organisation can provide for conducting plant surveys</li> </ul> <p>2. Plan the objectives, scope and methods of plant surveys</p> <ul style="list-style-type: none"> <li>• Explore and plan the objectives and scope of plant survey projects, for example, understanding the types and species of plants in the target areas, their ecology and properties, and their impact on the ecological environment</li> <li>• Determine the surveying methods and standards for the plant survey projects</li> <li>• Set the methods for collecting and preserving plant specimens, scope of information and data to be recorded in the surveys, and requirements on quality control with reference to related legislation and guidelines</li> <li>• Evaluate the overall schedules and financial resources of the surveys</li> </ul> <p>3. Exhibit professionalism</p> <ul style="list-style-type: none"> <li>• Have a full understanding of the techniques and limitations of the planning and conducting of plant surveys</li> <li>• Refer to local and overseas research reports and studies on plant surveys to enhance the level of planning and implementation of organisational survey projects</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 use professional knowledge and refer to relevant legislation and guidelines to plan appropriate and feasible plant survey projects;</li> <li>• Able to set clear objectives, scope and surveying methods for the plant survey projects; and</li> <li>• Able to set the scope of information and data to be recorded, and the quality control standards.</li> </ul>
Remark	