

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

Functional Area - Survey, Inspection and Risk Assessment

Title	Conduct plant surveys and identify plants
Code	109133L3
Range	This unit of competency is applicable to frontline staff who are engaged in plant surveying in the arboriculture and horticulture industry. Practitioners should be capable of employing basic techniques of identifying plants and collecting specimens to record plant information and collect plant specimens in accordance with the established surveying scope and standards, so as to facilitate superiors to conduct related analysis and research.
Level	3
Credit	6 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Possess knowledge related to conducting plant surveys and identifying plants</p> <ul style="list-style-type: none"> • Possess knowledge of botany, plant taxonomy and plant ecology • Possess knowledge of identifying common plant species in Hong Kong, their habits and growth cycles • Familiarise with plant surveying methods and related techniques • Comprehend the local legislation and guidelines in relation to plant protection • Comprehend the basic skills and legislation related to legal collection and preservation of wild plant specimens <p>2. Conduct plant surveys and identify plants</p> <ul style="list-style-type: none"> • Identify plants within the areas of the surveys by following the established surveying methods, procedures and standards • Observe and record the basic information, ecological characteristics, living environment and distribution of the plant species • Take photos to keep record of the environment of the sites and the conditions of the plants • Input the collected information • Submit the collected specimens, information and data to superiors / researchers for analysis <p>3. Exhibit professionalism</p> <ul style="list-style-type: none"> • Pay attention to any abnormalities or special conditions of plants during the surveying operations and report to superiors in a timely manner
Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> • Able to accurately identify plant species in accordance with the established surveying methods, scope and standards, and record the information of the plants; and • Able to submit suitable photo records and plant specimens.
Remark	