

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

Functional Area - Survey, Inspection and Risk Assessment

Title	Prepare plant survey reports
Code	109134L4
Range	This unit of competency is applicable to technical personnel who are engaged in plant surveying and assessment work in the arboriculture and horticulture industry. Practitioners should be capable of using knowledge of ecological conservation, and relevant legislation and guidelines to prepare plant survey reports based on the information collected from plant surveys. They should also be able to provide suggestions on the monitoring of invasive plants, and the preservation of rare and endangered plants for concerned departments to refer to when developing relevant measures.
Level	4
Credit	3 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Possess knowledge related to preparing plant survey reports</p> <ul style="list-style-type: none"> • Possess knowledge of botany, plant physiology, ecology, and nature conservation and management • Possess knowledge of local natural ecosystems and various ecological environments • Comprehend the information and data of plant surveys • Comprehend the format and requirements for writing plant survey reports • Comprehend the legislation and guidelines in relation to nature conservation, prevention and control of invasive plants, and preservation of rare and endangered plants <p>2. Prepare plant survey reports</p> <ul style="list-style-type: none"> • Collect and consolidate information, data and photos collected from plant surveys • Prepare plant survey reports with reference to the objectives and scope of the surveys in order to explain the analysis results of the surveys • Provide suggestions on nature conservation, prevention and control of invasive plants, and preservation of rare and endangered plants based on the results of the plant surveys <p>3. Exhibit professionalism</p> <ul style="list-style-type: none"> • Select methods that are favourable to the conservation of ecology and that are sustainable when making recommendations and suggesting measures
Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> • Able to collect, analyse and consolidate relevant information from plant surveys; • Able to prepare plant survey reports in an objective, clear and precise manner; and • Able to make suggestions related to nature conservation, prevention and control of invasive plants, and preservation of rare and endangered plants.
Remark	