

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

Functional Area - Survey, Inspection and Risk Assessment

Title	Develop proposals for plant preservation
Code	109139L5
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 applying knowledge of nature conservation and local ecosystems to analyse the results of plant survey reports, so as to develop appropriate proposals for plant preservation.
Level	5
Credit	6 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Possess knowledge related to developing proposals for plant preservation</p> <ul style="list-style-type: none"> <li>• Possess knowledge of botany, plant physiology, ecology, and nature conservation and management</li> <li>• Possess knowledge of local natural ecosystems and various ecological environments</li> <li>• Comprehend the legislation and guidelines related to nature conservation and control of invasive plants</li> <li>• Comprehend the legislation and guidelines related to protection of rare and endangered plants</li> <li>• Know how to prepare proposals for plant preservation</li> <li>• Know about the commonly used databases and applications of plant surveys</li> </ul> <p>2. Develop proposals for plant preservation</p> <ul style="list-style-type: none"> <li>• Develop appropriate proposals for plant preservation based on the results of the plant survey reports</li> <li>• Prepare the recommendations, rationale, preserved species, scope, work plans, required resources, maintenance measures, etc. of the plant preservation proposals</li> <li>• Develop the work procedures of the plant preservation proposals according to the work plans, site environment and resources</li> <li>• Choose the plant database format and applications that fit the needs of the organisation</li> </ul> <p>3. Exhibit professionalism</p> <ul style="list-style-type: none"> <li>• Have a comprehensive understanding of nature conservation and related legislation and guidelines to help propose appropriate plant preservation proposals to the organisation</li> <li>• Refer to local and overseas research reports and work plans on nature conservation to provide further suitable recommendations on plant preservation to the organisation</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 develop appropriate proposals for plant preservation based on the results of plant survey reports; and</li> <li>• Able to prepare the work procedures of the plant preservation proposals.</li> </ul>
Remark	