

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

Functional Area - Survey, Inspection and Risk Assessment

Title	Inspect the basic structure and health conditions of trees
Code	109142L3
Range	This unit of competency is applicable to frontline personnel who are engaged in tree structure and health assessment in the arboriculture and horticulture industry. Practitioners should be capable of mastering the basic structure and health signs of trees. They should also be able to inspect and make a truthful record of the tree conditions, so as to identify trees with structural and health problems as early as possible, and undertake follow-up actions.
Level	3
Credit	4 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Possess knowledge related to inspecting the basic structure and health conditions of trees</p> <ul style="list-style-type: none"> • Comprehend the basic structure of trees and the signs that reflect the health conditions of trees • Comprehend the characteristics of common tree species • Comprehend the biotic and abiotic factors that cause tree disorders • Comprehend the health indicators of trees <p>2. Inspect the basic structure and health conditions of trees</p> <ul style="list-style-type: none"> • Use simple tools to inspect the basic health signs and structure of trees, such as defoliation, broken branches, dead branches, decay, cavities and decay of roots • Record the health conditions and potential structural problems of trees based on the information collected • Identify trees that need to be cared for in particular and report to superiors for follow-up <p>3. Exhibit professionalism</p> <ul style="list-style-type: none"> • Employ professional knowledge and experience to carry out inspections, so as to make a truthful record of the tree information for reference
Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> • Able to use professional knowledge to observe and inspect the basic structure and health conditions of trees; and • Able to make a truthful record of the health conditions and potential structural problems of trees.
Remark	