

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

Functional Area - Survey, Inspection and Risk Assessment

Title	Carry out aerial tree inspection
Code	109147L3
Range	This unit of competency is applicable to personnel who are engaged in tree inspection and risk assessment in the arboriculture and horticulture industry. Practitioners should be capable of using appropriate methods to reach a certain height for undertaking tree inspection in a safe manner.
Level	3
Credit	3 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Possess knowledge related to carrying out aerial tree inspection</p> <ul style="list-style-type: none"> <li>• Comprehend the needs commonly associated with aerial tree inspection and related tree problems</li> <li>• Familiarise with the techniques and limitations of tree inspection using visual methods and various electronic instruments</li> <li>• Comprehend the set-up and maintenance of aerial tree support systems and lightning protection systems</li> <li>• Familiarise with various tree climbing techniques, and their occupational safety and health requirements, as well as acquire relevant qualifications</li> <li>• Comprehend the machinery, equipment, and occupational safety and health requirements related to aerial tree work</li> <li>• Comprehend the potential hazards in relation to aerial tree inspection</li> <li>• Know about the wildlife that inhabits the crown</li> </ul> <p>2. Carry out aerial tree inspection</p> <ul style="list-style-type: none"> <li>• Choose and use suitable machinery and tools, as well as climbing methods, to carry out aerial tree inspection</li> <li>• Conduct a risk assessment before carrying out aerial tree inspection and an integrated assessment of the wildlife that inhabits the crown, and use relevant equipment properly</li> <li>• Make use of relevant safety equipment according to the assessment results to ensure personal and public safety</li> <li>• Inspect the crown and branches, and inspect related trees as required, such as the conditions of the cables and lightning protection equipment</li> <li>• Take pictures and prepare tree inspection records</li> <li>• Report the tree inspection records to superiors, including data, photos and samples</li> </ul> <p>3. Exhibit professionalism</p> <ul style="list-style-type: none"> <li>• Attach importance to occupational safety and health when carrying out aerial tree inspection, and take note of personal safety and the safety of the people on the ground</li> <li>• Protect the wildlife that lives in the crown when carrying out aerial tree inspection</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 suitable machinery and tools, and climbing techniques to complete aerial tree inspection work independently;</li> <li>• Able to use appropriate personal protective equipment to carry out aerial tree inspection in a safe manner; and</li> <li>• Able to prepare tree inspection records.</li> </ul>

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Remark	
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