

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

Functional Area - Survey, Inspection and Risk Assessment

Title	Develop tree risk management plans
Code	109154L5
Range	This unit of competency is applicable to technical personnel who are engaged in tree risk management in the arboriculture and horticulture industry. Practitioners should be capable of mastering the job content of the projects and the application of tree risk assessment and management to develop appropriate tree risk assessment objectives, procedures and management plans. They should also be able to implement quality assurance measures to ensure that the team can implement tree risk management in an effective and safe manner.
Level	5
Credit	6 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Possess knowledge related to developing tree risk management plans</p> <ul style="list-style-type: none"> <li>• Comprehend the job content of the projects</li> <li>• Comprehend basic risk management theories</li> <li>• Comprehend the various considerations of tree risk management, such as the risk acceptance levels of various stakeholders</li> <li>• Comprehend the different levels and levels of detail of tree risk assessment</li> <li>• Comprehend the work procedures and monitoring mechanisms of tree risk assessment</li> <li>• Comprehend the guidelines related to tree risk assessment and management</li> <li>• Comprehend the theory and practice of quality management</li> </ul> <p>2. Develop tree risk management plans</p> <ul style="list-style-type: none"> <li>• Set the objectives of tree risk assessment with regard to corresponding circumstances</li> <li>• Develop appropriate inspection procedures and safety measures during implementation in accordance with the tree risk assessment objectives</li> <li>• Determine the suitable qualifications and competency requirements of inspectors in accordance with the relevant guidelines and inspection procedures of tree risk assessment and management</li> <li>• Following the regulations of relevant departments, implement appropriate temporary safety measures at the work sites, such as arrangements of transportation, lighting and electrical devices</li> <li>• Plan and make the independent or internal review arrangements</li> <li>• Set the format of the records and reports of the review</li> <li>• Review and update the risk assessment reports, manpower, workflow, work records and mitigation measures</li> <li>• Explain the quality assurance measures, implementation methods and expected results to the team</li> </ul> <p>3. Exhibit professionalism</p> <ul style="list-style-type: none"> <li>• Develop appropriate tree risk assessment procedures according to the actual work environment to ensure the safety of the operational staff and the public</li> <li>• Refer to and employ the latest technologies and assisting tools used locally and overseas related to risk management and tree risk assessment, so as to enhance the quality of tree risk management of the organisation</li> <li>• Collect opinions from supervisory staff and clients on the quality assurance measures with a view to improving and refining the measures</li> </ul>

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Assessment Criteria	The integrated outcome requirements of this unit of competency are: <ul style="list-style-type: none"><li>• Able to employ professional knowledge to set appropriate tree risk assessment objectives and work procedures in accordance with the actual circumstances and regulations of relevant departments;</li><li>• Able to consider the safety of the team and the public thoroughly, and include corresponding safety measures when making arrangements on manpower and workflow; and</li><li>• Able to plan the quality assurance measures for tree risk assessment and require the team to implement them as specified.</li></ul>
Remark	