

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

Functional Area - Survey, Inspection and Risk Assessment

Title	Prepare various mitigation and maintenance plans
Code	109150L4
Range	This unit of competency is applicable to managers who are engaged in tree inspection and risk assessment in the arboriculture and horticulture industry. Practitioners should be capable of mastering the analysis results of tree inspection and risk assessment, as well as preparing corresponding mitigation measures and maintenance plans to help reduce risks.
Level	4
Credit	2 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Possess knowledge related to preparing various mitigation and maintenance plans</p> <ul style="list-style-type: none"> <li>• Possess knowledge of tree assessment</li> <li>• Possess knowledge of tree biology, plant physiology, tree mechanics, defects in tree structure, tree health, and pests and diseases of plants, as well as knowledge of tree maintenance</li> <li>• Familiarise with risk mitigation measures and the technical requirements</li> <li>• Comprehend the relevant guidelines of various mitigation and maintenance measures</li> <li>• Comprehend the related support for the processes, site environment conditions and limitations of implementing various mitigation and maintenance plans</li> </ul> <p>2. Prepare various mitigation and maintenance plans</p> <ul style="list-style-type: none"> <li>• Propose appropriate risk mitigation measures</li> <li>• Propose the related support for the processes, the limitations and effectiveness of various mitigation measures, and analyse the residual risks after undertaking the mitigation measures</li> <li>• Propose appropriate management and maintenance plans</li> <li>• Review the effectiveness of the risk mitigation measures and the management / maintenance plans regularly</li> </ul> <p>3. Exhibit professionalism</p> <ul style="list-style-type: none"> <li>• Analyse the public expectations for tree management, and the effectiveness of risk mitigation measures and tree maintenance in an objective manner, so as to prepare appropriate plans</li> <li>• Strike a balance between budget and expectations</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 propose appropriate risk mitigation measures;</li> <li>• Able to propose appropriate tree management and maintenance plans; and</li> <li>• Able to review risk mitigation measures regularly.</li> </ul>
Remark	