

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

Functional Area - Survey, Inspection and Risk Assessment

Title	Collect site environment information
Code	109148L4
Range	This unit of competency is applicable to managers or technical personnel who are engaged in tree risk assessment in the arboriculture and horticulture industry. Practitioners should be capable of observing the site environment based on the tree risk assessment results, as well as analysing the potential tree risks and hazards on the site, so as to set the priority of the risk mitigation measures.
Level	4
Credit	3 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Possess knowledge related to collecting site environment information</p> <ul style="list-style-type: none"> • Comprehend the usage nature of the sites • Comprehend the impact of the sites and any protective facilities / objects on risks • Comprehend the methods for assessing the usage • Comprehend the areas, facilities and responsibilities of the sites <p>2. Collect site environment information</p> <ul style="list-style-type: none"> • Analyse the tree risks and hazards in the target environment in accordance with the tree risk assessment results, including the assessment of the probability of collapse of trees or branches, the areas where potential risks exist, any protective facilities / objects, and the probability of hitting targets upon collapse and the estimated casualties • Analyse the health of trees, and its function to and potential conflicts with the surrounding users / properties in accordance with the tree risk assessment results • Set the priority of the risk mitigation measures in accordance with the analysis of the tree risk assessment • Report the analysis results to relevant personnel <p>3. Exhibit professionalism</p> <ul style="list-style-type: none"> • Realise the limitations of the assessment • Collect comprehensive information about the sites and the surrounding facilities actively to help assess the potential risks and hazards of the trees to the sites
Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> • Able to observe and analyse the site environment based on the tree risk assessment results; • Able to assess and anticipate the potential risks and hazards of the trees; and • Able to set the priority of the risk mitigation measures.
Remark	