

Incorporating: Tree anatomy Tree physiology		
Has the candidate successfully completed the Knowledge Evidence requirements by demonstrating knowledge of each of the line items below?	Yes/No (Y/N)	Signed (Initialled)
Tree anatomy		
tree structure		
tree and branch attachments:		
– lateral branch collars		
– branch bark ridges		
– stem bark ridges		
– occluded branches		
– occluding branches		
identification of:		
– a branch		
– branch bark ridge		
– stem bark ridge		
– co-dominant stems		
anatomy of old cuts and dead branches		
morphology of past failures		
primary cellular and anatomical structures		
seasonal growth anatomy		
anatomical impacts of disease type: (on)		
– tree parts		
– tree systems		
critical anatomical systems		
visual tree assessment		
structural defects in trees		
structural integrity of branch attachments		
structural integrity of tree:		
– interaction of tree anatomy and physiology		
tree anatomy for a range of trees		
Tree physiology		
tree physiology		
tree health		
general health and condition of trees		

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sustainable growth requirements of trees		
recognising healthy trees		
recognising stressed trees		
recognising damaged trees		
compartmentalization of decay in tree (CODIT) principles		
vitality of branch attachments		
monitoring tree health		
the effect of pruning on tree growth, habit and form		
compensatory tree care		
losses arising from pruning of live tissue		
tree response		
tree response to past pruning cuts		
implications of pruning cuts and the way trees respond		
natural defence systems of trees		
current health and energy reserves of the tree		
critical physiological and biochemical systems in the tree		
physiological and biochemical impacts of disease type on tree parts and systems		
Assessment conditions		
Assessment may be conducted in a simulated or real work environment; however, determination of competency requires the application of work practices under work conditions.	Yes/No (Y/N)	Signed (Initialled)
Have assessments been demonstrated consistently over time?		
Have assessments been demonstrated in a suitable range of contexts?		
Have assessments been demonstrated with a productivity-based outcome?		
Have assessments been demonstrated with multiple assessment events and reports?		
Assessor Declaration		
Assessors must satisfy current standards for RTOs in the assessment of arboriculture units of competency. Has assessment been conducted only by persons who have:	Yes/No (Y/N)	Signed (Initialled)
<ul style="list-style-type: none"> • arboriculture vocational competencies at least to the level being assessed? 		
<ul style="list-style-type: none"> • current arboriculture industry skills directly relevant to the unit of competency being assessed? 		

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Assessor name	Assessor qualification	Year	Full Signature
Competency Determination			
This section determines the skills and knowledge required for tree anatomy and tree physiology of AQF level 5 Arboriculture.			Competent /Not yet competent
The candidate is competent in the tree anatomy and tree physiology components of AQF level 5 Arboriculture.			
Competency Assessment Completion			
Assessor name	Date	Full Signature	

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