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|---|---------------------|----------------------------|
| Incorporating: Disease 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 | | |
| visual tree assessment | | |
| visual tree assessment | | |
| structural defects in trees | | |
| structural integrity of branch attachments (including epicormic growth) | | |
| tree anatomy for a range of trees | | |
| Tree physiology | | |
| tree physiology | | |
| tree health | | |
| general health and condition of trees | | |
| recognising healthy trees | | |
| recognising stressed trees | | |
| recognising damaged trees | | |
| sustainable growth requirements of trees | | |
| vitality of branch attachments | | |
| monitoring tree health | | |

Industry Partners:



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| tree response | | |
| compartmentalization of decay in tree (CODIT) principles | | |
| the effect of pruning on tree growth, habit and form | | |
| compensatory tree care | | |
| losses arising from pruning of live tissue | | |
| tree response to past pruning cuts | | |
| implications of pruning cuts and the way trees respond | | |
| Diseases | | |
| signs of disease | | |
| signs of tree insects | | |
| signs of other tree fauna | | |
| signs of tree pests | | |
| signs of tree deficiencies | | |
| structural defects | | |
| symptoms of disease | | |
| symptoms of tree insects | | |
| symptoms of other tree fauna | | |
| symptoms of tree pests | | |
| symptoms of tree deficiencies | | |
| Hygiene and biosecurity | | |
| biosecurity: | | |
| – biosecurity principles | | |
| – biosecurity practices | | |
| – biosecurity regulations | | |
| methods of disease transfer: | | |
| – transmission of diseases by pruning equipment | | |
| – transmission of diseases by materials | | |
| pruning hygiene: | | |
| – methods of cleaning tools and equipment | | |
| – methods of sterilising tools and equipment | | |

Industry Partners:



| 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. | | Yes/No (Y/N) | Signed (Initialled) |
| Has assessment been conducted only by persons who have: | | | |
| <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 | | | |
| Assessor name | Assessor qualification | Year | Full Signature |
| | | | |
| Competency Determination | | | |
| This section determines the skills and knowledge required for tree anatomy, tree physiology and tree diseases. | | | Competent /Not yet competent |
| The candidate is competent in the tree anatomy, tree physiology and tree disease components of AQF level 4 Arboriculture. | | | |
| Competency Assessment Completion | | | |
| Assessor name | Date | Full Signature | |
| | | | |

Industry Partners:

