



Australian Government

AHCARB606 Develop an operational tree management plan

Release: 1

AHCARB606 Develop an operational tree management plan

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to develop an operational tree management plan.

This unit applies to individuals with broad theoretical and technical knowledge of a specific area or a broad field of work and learning and cognitive, technical and communication skills to demonstrate autonomy, judgement and defined responsibility in undertaking complex work within broad parameters to provide specialist advice and functions.

The role involves the self-directed application of specialised knowledge in arboriculture with substantial depth in areas such as tree management, tree policy and statutes and local planning laws.

No occupational licensing, legislative or certification requirements are known to apply to this unit at the time of publication.

Pre-requisite Unit

Nil.

Unit Sector

Arboriculture (ARB)

Elements and Performance Criteria

Element	Performance criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Determine strategic context	1.1 Determine the specific operational area for management plan 1.2 Determine the objectives, performance targets and intended outcomes of the management plan 1.3 Source policy from tree policy documentation

Element	Performance criteria
	1.4 Determine the geographical area and other limits of plan 1.5 Determine the history and cultural heritage of the area covered by the plan
2. Determine legislative framework	2.1 Determine land use of the area 2.2 Determine the relevant state and local government acts, zoning and planning controls, development and planning laws noting requirements for disability discrimination and companion animals 2.3 Determine ownership of the area
3. Determine stakeholders	3.1 Determine key stakeholders and community groups 3.2 Determine core objectives for trees and area 3.3 Determine current and permissible usage of area
4. Determine tree resources	4.1 Determine trees for management 4.2 Determine assessments required such as tree health, hazards, site conditions, soils 4.3 Define and collect data required for operational management 4.4 Assess the tree species, type, diversity and distribution at required detail 4.5 Determine position of planting locations 4.6 Determine selection criteria for replacement trees 4.7 Determine tree removal and tree replacement processes 4.8 Establish tree inventory
5. Determine financial resources	5.1 Determine financial resources available 5.2 Determine management requirements of trees 5.3 Estimate cost of works required for operational program 5.4 Determine priority of works incorporating risk into determination 5.5 Determine frequency of pruning cycles required 5.6 Determine personnel, supplies, equipment and other resources required 5.7 Determine existing contractual, leasing and licensing obligations
6. Develop documentation	6.1 Develop operational tree plan documentation 6.2 Develop operational procedures to achieve required objectives 6.3 Develop draft operational tree management plan
7. Incorporate feedback and prepare plan	7.1 Prepare draft plan for public exhibition 7.2 Notify stakeholders and community groups and obtain feedback 7.3 Review and evaluate feedback 7.4 Amend draft plan and incorporate feedback 7.5 Prepare final version of operational tree management plan

Foundation Skills

Foundation Skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Tree management plans must include knowledge of operational areas of:

- tree inspections and assessments
- tree selection and planting
- tree management
- tree maintenance
- tree protection
- tree removal
- risk identification and mitigation
- infrastructure protection
- habitat protection
- power line clearance
- community and private trees,
- pest and disease control
- significant trees
- trees of a selected geographic area

Unit Mapping Information

New unit - no equivalent.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>

Assessment Requirements for AHCARB606 Develop an operational tree management plan

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Performance Evidence

The candidate must be assessed on their ability to integrate and apply the performance requirements of this unit in a workplace setting. Performance must be demonstrated consistently over time and in a suitable range of contexts.

The candidate must provide evidence for and demonstrate:

- determining the specific operational area for management plan
- determining the objectives, performance targets and intended outcomes of management plan
- sourcing policy from tree policy documentation
- determining the geographical area and other limits of plan
- determining the history and cultural heritage of the area covered by the plan
- determining land use of the area
- determining the relevant state and local government acts, zoning and planning controls, development and planning laws noting requirements for disability discrimination and companion animals
- determining ownership of the area
- determining key stakeholders and community groups
- determining core objectives for trees and area
- determining current and permissible usage of area
- determining trees for management
- determining assessments required such as tree health, hazards, site conditions, soils
- defining and collect data required for operational management
- assessing the tree species, type, diversity and distribution at required detail
- determining position of planting locations
- determining selection criteria for replacement trees
- determining tree removal and tree replacement processes
- establishing tree inventory
- determining financial resources available
- determining management requirements of trees
- estimating cost of works required for operational program

- determining priority of works incorporating risk into determination
- determining frequency of pruning cycles required
- determining personnel, supplies, equipment and other resources required.

Knowledge Evidence

The candidate must demonstrate knowledge of:

- operational areas for formulating a tree management plan
- objective, performance targets and intended outcomes
- tree management planning
- tree policy documentation
- history and cultural heritage
- land ownership
- land use
- state and local government acts
- zoning and planning controls,
- development & planning laws
- disability discrimination
- companion animals
- value
- maintenance needs
- frequency of pruning cycles
- contractual, leasing and licensing obligations
- infrastructure protection
- data collection
- data collection
- tree inventory
- tree species, type, diversity and distribution
- soils analysis
- planting locations
- selection criteria
- replacement trees
- stakeholders
- community groups
- permissible usage
- tree protection plan
- operational procedures
- tree removal
- tree replacement
- street tree planting
- tree inspections and assessments
- tree pruning operations

- power line clearance
- habitat protection
- pesticide use
- draft and final documents
- print media
- public submissions
- public hearing
- operational tree management plan.

Assessment Conditions

It is an industry requirement for the assessment of the operational plans as listed in the Range of Conditions section of this unit of competency.

Assessment must be demonstrated consistently over time in a suitable range of contexts and have a productivity-based outcome. No single assessment event or report is sufficient to achieve competency in this unit.

Assessment may be conducted in a simulated or real work environment, however determination of competency requires the application of work practices under work conditions.

The mandatory equipment and materials used to gather evidence for assessment include:

- equipment:
 - computer
 - word processing software
 - statistical software
 - internet connection
- materials:
 - tree inventory
 - operational tree management plan

Assessors must satisfy current standards for RTOs in the assessment of arboriculture units of competency.

Assessment must be conducted only by persons who have:

- arboriculture vocational competencies at least to the level being assessed
- current arboriculture industry skills directly relevant to the unit of competency being assessed

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