



Australian Government

AHCARB301 Implement a tree maintenance program

Release: 1

AHCARB301 Implement a tree maintenance program

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to implement a tree maintenance program. It also describes the skills and knowledge required to apply a range of tree maintenance techniques; and monitor and review the maintenance program over the course of a year.

The work requires application of extensive arboricultural knowledge and a broad range of arboricultural skills. This unit applies to individuals who have a range of skills to select and apply a specialised range of methods, tools, equipment and information to complete routine activities and provide and transmit solutions to predictable and sometimes unpredictable problems. Work is implemented with low risk work procedures and to comply with Safe Work Method Statement documentation.

Licensing, legislative, regulatory, or certification requirements apply to this unit in some states and territories at the time of publication, and may differ according to jurisdiction. Specific determination should be sought through the relevant State or Territory. Works involving this unit of competency may be subject to local tree protection and preservation laws, and the relevant content of applicable Australian Standards.

Pre-requisite Unit

AHCCHM303 Prepare and apply chemicals

AHCCHM304 Transport, handle and store chemicals

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.

Element	Performance criteria
1. Undertake site assessments and collect specimens	1.1 Determine location of above-and-below-ground services 1.2 Undertake a site-specific risk assessment by identifying work health and safety hazards and assessing risk 1.3 Perform site assessment to identify conditions which may impact upon the health of trees on site 1.4 Recognise stress inducing factors in accordance with characteristics of species 1.5 Recognise a wide range of common diseases, pests and nutritional deficiencies in trees 1.6 Recognise abiotic issues affecting health of trees 1.7 Collect specimens of stressed material for testing 1.8 Record and report results of site assessment and tests 1.9 Research health characteristics of tree species
2. Prepare treatment program	2.1 Access and read treatment program and confirm activities with management 2.2 Select appropriate treatment methods 2.3 Select, prepare, and carry out pre-operational and safety checks, on tools, equipment and machinery 2.4 Select and use personal protective equipment 2.5 Identify environmental implications of undertaking treatment program, assess likely outcomes and take appropriate action 2.6 Determine annual maintenance requirements for trees 2.7 Contribute to preparing a comprehensive full-year maintenance program 2.8 Record and implement work health, safety, site, environmental and traffic control measures
3. Undertake treatment program	3.1 Prepare and use treatment equipment 3.2 Apply physical or chemical treatments with due regard for environmental implications 3.3 Maintain growing environment in accordance with species needs 3.4 Monitor and review maintenance program over the course of a season of one year
4. Complete treatment program activities	4.1 Dispose of infected plant material and chemical waste appropriately 4.2 Sterilise equipment 4.3 Clean and store personal protective equipment 4.4 Follow up physical or chemical treatments to ensure effectiveness 4.5 Determine timetables for follow up treatments and communicate them to work team

Element	Performance criteria
	4.6 Maintain records and document the report for that year

Foundation Skills

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

Range of Conditions

Unit Mapping Information

This unit is equivalent to AHCARB301A Implement a tree maintenance program

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>