



**Australian Government**

# **Assessment Requirements for AHCARB301 Implement a tree maintenance program**

**Release: 1**

# Assessment Requirements for AHCARB301 Implement a tree maintenance program

## Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

## Performance Evidence

The candidate must be observed applying physical and chemical treatments to a range of trees in accordance with a full one-year treatment program. 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 location of above-and-below-ground services
  - undertaking a site-specific risk assessment by identifying work health and safety hazards and assessing risk
  - performing a site assessment to identify conditions which may impact upon the health of trees on site
  - recognising stress inducing factors in accordance with characteristics of species
  - recognising a wide range of common diseases, pests and nutritional deficiencies in trees
  - assessing abiotic issues affecting health of trees, or impact on growth
  - researching species characteristics on tree health
  - collecting specimens of stressed material
  - recording and report results of site assessment and tests
  - accessing and read treatment program and confirm activities with management
  - selecting, using and maintaining suitable personal protective equipment
  - selecting appropriate treatment methods and equipment
  - identifying environmental implications of undertaking treatment program,
  - assessing likely outcomes of treatment programs and taking appropriate action
  - determining annual maintenance requirements for trees
  - contributing to preparation of a comprehensive full-year maintenance program
  - recording and implementing work health, safety, site, environmental and traffic control measures
  - preparing and using equipment
  - applying physical or chemical treatments with due regard for environmental implications
  - maintaining growing environment in accordance with species needs
  - monitoring and reviewing maintenance program over season of one year
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- disposing of infected plant material and chemical waste appropriately
- sterilising equipment
- following up physical or chemical treatments to ensure effectiveness
- determining timetables for follow up treatments and communicating to work team
- maintaining records and documenting a report for that year
- use of appropriate treatment methods and equipment
- communicating within the work team
- complying with relevant Australian Standards
- use of industry standard terminology to describe arboriculture and work environment
- applying work health and safety requirements in the context of own work.

## **Knowledge Evidence**

The candidate must demonstrate knowledge of:

- site-specific risk assessment methods
- treatments and treatment methods commonly used on trees
- comprehensive full-year maintenance programs
- recognition of a wide range of common diseases, pests and nutritional deficiencies in trees
- the abiotic issues that could affect the health of tree species
- methods of recording, storing and processing data
- how to interpret a treatment program
- the appropriate personal protective equipment
- methods of collecting and storing specimens for identification
- methods of testing collected specimens of stressed material
- worksite traffic control
- stress inducing factors for a variety of tree species
- methods for treating tree pests and diseases
- methods of analysing nutritional status of trees
- health characteristics of tree species.

## **Assessment Conditions**

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:
  - sprayers/application equipment
  - measuring and weighing equipment

- spill kit
- personal protective equipment (PPE)
- first aid and emergency kit
- traffic management kit
- signage - chemical use
- signage - work zone
- trees
- materials:
  - tree inspection form
  - tree maintenance form
  - site assessment form
  - hazard identification and risk control form
  - equipment and PPE check form
  - emergency preparation form
  - chemical and treatment application form

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

## **Links**

Companion Volume implementation guides are found in VETNet -

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

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