



Australian Government

Assessment Requirements for AHCARB201 Apply a range of treatments to trees

Release: 1

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Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

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:

- locating trees on streets using maps
- recognising trees requiring treatment
- identifying site hazards, assessing risks and reporting to supervisor
- confirming work zone with work crew and monitoring site
- selecting and use personal protective equipment
- selecting, preparing, and carrying out pre-operational and safety checks, on tools, equipment and machinery
- confirming first aid personnel, equipment and procedures applicable to tree work
- communicating with work team during operations
- reading packaging labels to maintain awareness of work hazards
- cleaning or sterilising tools and equipment
- avoiding disease transfer and biosecurity issues
- recording and implementing work health, safety, site, environmental and traffic control measures
- removing competing plants to ensure maintenance of adequate space, light, water and nutrient requirements of tree
- applying nutrient additives at specified rates and locations
- amelioration of soil structure in relation to aeration and drainage
- amelioration of soil condition with plant-based mulch application
- determining benefit and limits of decompaction methods
- calibrating application equipment
- applying treatment with due regard for environmental implications
- applying chemicals under supervision
- maintaining awareness of effect on environment of own work practices
- cleaning and storing personal protective equipment

- clearing and cleaning sites
- awareness of work health and safety in the context of own work.

Knowledge Evidence

The candidate must demonstrate knowledge of:

- methods of locating trees on streets and maps
- tree recognition
- methods of identifying site hazards, assessing risks and reporting to supervisors
- risk assessment systems
- confirmation of work zones
- how trees react to stress
- personal protective equipment
- pre-operational and safety checks, on tools, equipment and machinery
- first aid
- first aid personnel, equipment, and first aid plan procedures
- communication systems using voice, hand and whistle signals
- application of packaging instructions
- methods of cleaning and sterilising tools and equipment
- methods of disease transfer
- biosecurity principles and practices
- work health, safety, site, environmental and traffic control measures
- plant removal methods
- soil nutrition
- rates of nutrient application
- soil amelioration techniques
- soil structure, aeration and drainage
- mulch
- compaction and decompaction
- correct preparation prior to applying treatment to trees
- calibration techniques of application equipment
- chemical application techniques, usage restrictions and risk controls
- environmental implications of chemical use in own work practices.

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:
 - spray application equipment
 - spill kit
 - measuring and weighing equipment
 - signage - chemical use
 - personal protective equipment (PPE)
 - first aid and emergency kit
 - traffic management kit
 - signage - work zone
 - trees
- materials:
 - tree recognition form
 - hazard identification and risk control form
 - equipment and PPE check form
 - emergency preparation form
 - work communications form
 - chemical and treatment application form
 - tree maintenance form
 - soil assessment form
 - work site operations form
 - work records 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>