



Australian Government

Assessment Requirements for AHCTRF208 Support turf establishment

Release: 1

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Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 4.0.

Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has established a turf surface using at least three different propagation materials, including:

- seed (hand seed sowing, mechanical seed sowing, hydro-seeding, drilling)
- sod (turf rolls or sheets)
- and one of following:
 - sprigs (hand sprigging, hydro sprigging, mechanical sprigging)
 - plugs.

There must also be evidence that the individual has:

- interpreted site plans and turf establishment instructions to determine work site impediments and required turf establishment activities
- identified hazards and risks and implemented control measures for personal and site-specific safety
- prepared materials, equipment, machinery and turf propagation materials ready for implementation
- performed turf establishment activities safely using equipment, machinery and materials
- collected and disposed waste from turf establishment site
- safely transported, cleaned, maintained and stored turf establishment machinery and equipment
- reported turf renovation activities, faults and issues.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- principles and practices for supporting turf establishment, including:

- propagation methods for new turf, including seed, sod, sprigs and plugs
- distributing/laying/planting turf propagation materials to establish even coverage
- applications of propagation methods for sports turf
- sports turf grass species and their propagation and establishment
- handling and assessing turf propagation materials for defects
- irrigation requirements for establishment of newly propagated turf
- soil types and their preparation for establishing new turf, including:
 - basic checks to assess soil condition, including soil moisture, tilth, compactness, depth and organic matter
 - soil preparation additives, including fertilisers, ameliorants, moisture control materials and growth regulators
 - calculations for rates of application
 - methods for incorporation of soil additives
 - soil preparation requirements for turf propagation techniques
- tools and machinery used in preparing new turf surfaces, including:
 - sod cutter
 - rotary hoe
 - transporters
 - bobcat or loader
 - scarifier
 - self-propelled cylinder mower
 - ride-on mower
 - fertiliser application equipment
 - top-dresser
 - drag mat
 - hand tools, including shovels, spades, turf pluggers, buckets, level lawns
 - equipment pre-start checks
 - care and storage of tools, equipment and machinery
- post-turf propagation treatments, including:
 - protection for seed, sod, sprigs and plugs during first weeks of establishment
 - basic irrigation practices, and recognising turf establishment needs and problems
 - rolling and mowing practices for new turf
 - monitoring nutrient, pest, diseases and damage
 - top dressing
- workplace health and safety hazards, risks and control measures when constructing new turf, including:
 - site safety
 - personal safety
 - safe use and operation of tools, equipment and machinery
- reporting procedures relevant to turf construction.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- • physical conditions:
 - a sports turf facility or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - soil preparation hand tools, equipment and machinery
 - personal protection safety equipment
 - soil amendments and treatment materials
 - turf grass species and propagation materials
- specifications:
 - turf establishment program and specifications
 - workplace procedures and instructions for turf establishment, including health, safety and environmental procedures
- relationships:
 - supervisor.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -

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