



Australian Government

AHCTRF207 Renovate grassed areas

Release: 1

AHCTRF207 Renovate grassed areas

Modification History

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

Application

This unit of competency describes the skills and knowledge required to renovate sports turf surfaces.

The unit applies to individuals who renovate turf and undertake defined routine activities under supervision. They exercise limited autonomy within established and well-known parameters, providing solutions to a limited range of predictable problems.

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

Pre-requisite Unit

Nil

Unit Sector

Turf (TRF)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Plan and prepare for turf area renovation program	1.1 Interpret site plans and locate services in consultation with supervisor 1.2 Confirm sports turf renovation work activity with supervisor 1.3 Identify workplace health, safety and environmental hazards, assess risks and implement controls in consultation with supervisor 1.4 Report abnormal health and safety and environmental issues 1.5 Select, ensure serviceability of, fit and use personal safety

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	equipment
2. Prepare materials, machinery and equipment for turf renovation program	2.1 Select and check hand tools, equipment and machinery for renovation work according to renovation program, and report faults according to workplace procedures 2.2 Select and safely store soil treatment materials required for renovation work 2.3 Select and store turf grass propagation material required for the renovation program to preserve its viability 2.4 Identify work site safety requirements according to workplace safety procedures and renovation site requirements
3. Undertake turf renovation	3.1 Conduct pre-operational and safety checks on hand tools and renovation machinery and equipment according to workplace procedures and operator instructions 3.2 Implement site safety requirements and monitor and direct play area users 3.3 Operate turf renovation tools, equipment and machinery safely and effectively to renovate turf surface
4. Complete turf renovation	4.1 Collect and dispose of waste material according to workplace environmental procedures 4.2 Clean, maintain and store tools and machinery according to workplace procedures 4.3 Report work outcomes to supervisor

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
Reading	Interpret symbols and text on turf renovation plans and instructions to identify key information and sequence renovation activities

Skill	Description
Oral communication	• Use open and closed questions logically to clarify work instructions • Use industry terminology to communicate with supervisor
Numeracy	• Estimate and calculate distance, area, volume and ratio

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCTRF207 Renovate grassed areas	AHCTRF203 Renovate grassed areas	Performance criteria clarified Foundation skill added Performance evidence, knowledge evidence and assessment conditions expanded	Equivalent unit

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>

Assessment Requirements for AHCTRF207 Renovate grassed areas

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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, on at least one occasion, renovated a sports turf area according to a renovation plan, including:

- identified work site impediments and the required renovation activity in consultation with supervisor
- 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 renovation activities safely using equipment, machinery and materials
- collected waste from renovation works and disposed of safely
- safely transported, cleaned and stored turf renovation machinery and equipment
- reported turf renovation activities, faults and issues to supervisor.

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 of grass area renovation activities, including:
 - purpose of turf renovation programs for maintaining turf presentation and use
 - soils and soil preparation for renovation
 - turf grass species and effect on mat, thatch and dethatching techniques
 - soil aeration and compaction, including core, solid tyne, and water injection
 - impact of soil compaction and thatch on irrigation and infiltration rate
 - turf grass improvements using topdressing, dusting, shaving, scarifying and grooming
 - effect of adverse weather conditions on renovation activities
 - levelling turf surfaces

- effective and safe use of equipment commonly used during sports turf renovation programs, including:
 - scarifier
 - sod cutter
 - corer
 - slicer
 - shaver
 - top dresser
 - drag mat
 - fertiliser spreader
 - transporter
 - loader, bobcat or similar
 - hand tools, tynes, shovels, spades, level lawns, and wheelbarrows
 - influences on the selection of tools, machinery and safety equipment
 - common pre-operational and post-operational checks of equipment
 - adjustments and settings for renovation equipment
- assessment of safety hazards and risks when renovating turf areas, including:
 - responsibilities of working near the public
 - barriers and exclusion zones
 - signage
 - personal protection and equipment
 - manual handling techniques for lifting or moving heavy loads and materials
- chemical amendments for renovations, including:
 - fertilisers
 - ameliorants
 - growth regulators
- turf repairs and regeneration procedures, including:
 - over sowing
 - sprigging
 - chaffing
 - plugging
 - rolled turf/turf replacement
 - divot replacement
- waste materials handling and disposal, including environmental considerations
- reporting procedures and requirements.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- • physical conditions:

- a facility that has sports turf requiring renovation or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - turf renovation machinery and equipment
 - turf renovation hand tools
 - fertiliser, ameliorants and growth regulators
 - top dressing sand/materials
 - turf propagation materials
- specifications:
 - sports turf area renovation plan
 - workplace procedures and instructions related to sports turf renovation, including health, safety and environment
- relationships:
 - supervisor.

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

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