



Australian Government

AHCTRF205 Assist in the preparation of turf surfaces for play

Release: 1

AHCTRF205 Assist in the preparation of turf surfaces for play

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 prepare sports turf surfaces for play.

The unit applies to individuals who prepare sports turf surfaces for play 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 are known to 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. Prepare the site for sports turf preparation activities	1.1 Confirm sports turf set-up plan and work activity with supervisor 1.2 Identify workplace health, safety and environmental hazards, and assess risks and implement controls 1.3 Check the site condition and report irregularities to supervisor
2. Collect equipment required for sports turf preparation	2.1 Select, ensure serviceability of, fit and use personal protective equipment 2.2 Select and check tools and equipment and rectify or report faults to

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	supervisor 2.3 Carry out pre-start checks according to supervisor instructions 2.4 Transport equipment safely to site according to regulatory requirements 2.5 Identify and manage permanent and temporary obstacles according to workplace set-up procedures 2.6 Follow site safety requirements and monitor and direct sports users
3. Use equipment to prepare turf grass playing surface	3.1 Check equipment and attachments to ensure fit and adjustments according to set-up plan and operator instructions 3.2 Operate equipment in a consistent and uniform manner 3.3 Collect and dispose of waste materials according to workplace and environmental procedures
4. Mark out playing surface for play	4.1 Select and check turf surface marking tools and equipment, and report faults according to workplace procedures 4.2 Locate lines, markers and match play equipment according to set-up plan, rules and regulations of intended sport 4.3 Place lines, markers and match play equipment according to set-up plan and intended sport, and to reduce wear on playing surface 4.4 Conduct preparation and marking-out activities within the timeframe of the sports event schedule and set-up plan 4.5 Maintain continuous oversight of turf preparation activities, and report any irregularities to supervisor 4.6 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 turf set-up plan to identify key information for preparing turf surfaces according to rules of sport

Skill	Description
Oral communication	Use appropriate terminology to communicate and clarify work requirements with supervisor

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCTRF205 Assist in the preparation of turf surfaces for play	AHCTRF202 Prepare turf surfaces for play	Title changed Elements and 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 AHCTRF205 Assist in the preparation of turf surfaces for play

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 prepared turf surfaces for play on at least one of the following types of sports turf surface:

- a golf course
- a lawn bowling green
- a cricket ground
- a sporting field
- a horse race track.

There must also be evidence that the individual has:

- identified safety hazards and risks and implemented controls to ensure personal and users' safety when performing work
- selected, checked, adjusted, transported and operated equipment on the turf site safely
- assessed turf condition and confirmed preparation requirements against set-up plan, and reported changed conditions to supervisor
- prepared a consistent and uniform sports turf playing surface according to the rules and regulations of the game
- collected and disposed of waste
- selected, checked and used marking-out equipment, materials and procedures to accurately lay out a sports turf play surface
- reported work outcomes, faults and irregularities.

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 turf preparation for play, including:
 - effect of adverse climatic conditions on turf preparation

- the use of turf in high performance sport environments
- purpose of turf surface preparation in maintaining turf presentation
- various cultural requirements of turf grass species
- biological factors of turf grass species affected by turf preparation activities, including:
 - moving golf holes
 - reasons for moving markers
 - height of cut for grass species and sport
 - effect of rollers on compaction and turf growth
 - effect of mower cutting type
- assessment of turf grass condition when reporting irregularities to supervisor prior, including:
 - colour and length of sward in relation to turf health
 - set-up equipment requirements and selection criteria
- conducting mowing operations, including:
 - ensuring uniform cut
 - maintaining a consistent pattern
 - implications of repetitive activity on equipment wear and tear and grain, and the need to vary direction of cut
- marking out sports turf surfaces for play, including:
 - preparation and use of tools and equipment for marking out
 - line marking methods for sports turf surfaces
 - basic calculations for line marking
 - rules and regulations for marking and layout of sports turf surfaces
- markers and other sports turf match play requirements, including:
 - holes
 - tee markers
 - out of bounds markers
- water and its effect on sports play, preparation activities, and how to rectify, including:
 - soil water requirements
 - turf surface water condition, including dew and rain
 - effect on play condition
 - water and dew removal techniques
- work health and safety hazards, risks and controls when preparing turf surfaces for play, including:
 - rapid risk assessment for safety of self, the community and the environment
 - safe transport of equipment to site
 - legal requirements when transporting equipment on public roads
- maintaining a safe work site, including:
 - safety barriers
 - signage and notifications

- managing pedestrian user traffic flow
- obstacles affecting sports turf set-up, and methods for managing them during preparation activities, including:
 - permanent obstacles
 - temporary obstacles
 - identifying hazards to players and playing conditions
- adjustment and safe use of equipment commonly used for preparation of sports turf, including:
 - mowers and height adjustments
 - sports turf edgers
 - rollers
 - water soppers and blowers
 - line marking equipment
- equipment checks, including:
 - electrical cords
 - checking and testing procedures
 - identifying, tagging and reporting faulty equipment
 - pre-start checks
 - post-work checks
 - fault reporting procedures
- waste materials disposal procedures and environmental considerations
- record keeping requirements and their purpose.

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 in which to demonstrate the preparation and layout of at least one type of sports turf surface specified in the performance evidence
- resources, equipment and materials:
 - turf set-up equipment, including cylinder and rotary mowers, edger, roller and marking-out materials and equipment
 - measuring and layout equipment, including tape measures and string lines
- specifications:
 - workplace procedures and instructions for turf preparation
 - set-up plan for a specific sports playing surface
- relationships:
 - supervisor
- timeframe:
 - sports turf play schedule.

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>