



Australian Government

AHCCOM205 Recognise and respond to fire emergencies on a composting site

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 9.0.

Application

This unit of competency describes the skills and knowledge required to prevent, recognise and provide first response to fire in material or compost piles.

The unit applies to individuals who work as a yard or general hand under general supervision and who exercise limited autonomy with some accountability for their own work. They undertake defined activities and work in a structured context.

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

Pre-requisite Unit

Nil

Unit Sector

Composting (COM)

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. Recognise a fire risk and undertake preventative actions	1.1 Obtain and clarify procedures for first response to fire 1.2 Identify location of firefighting equipment, and check to ensure all equipment is available and ready for use 1.3 Recognise and report conditions that lead to fire and signs of fire 1.4 Observe enterprise procedures for emergencies 1.5 Implement temperature and moisture management procedures

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
2. Recognise and initiate response to fire	2.1 Identify nature and extent of fire 2.2 Report fire details and raise alarm 2.3 Implement preparations for water availability for fire brigade attendance 2.4 Identify hazards associated with fire emergency, and implement controls 2.5 Secure immediate area of the emergency 2.6 Remove machinery and equipment from area when safe to do so 2.7 Select and set up firefighting equipment according to fire brigade personnel directions
3. Attack fire under direction of fire brigade	3.1 Apply firefighting and containment procedures in a safe and coordinated manner 3.2 Use firefighting methods and tactics according to procedures and fire brigade directions 3.3 Report and act upon potential for change in fire behaviour to fire brigade and supervisor 3.4 Identify and maintain clear line of retreat at all times 3.5 Observe conditions at fire and report their effects on fire development 3.6 Report significant changes to status of fire to supervisor and fire brigade
4. Carry out post-fire activities	4.1 Identify and control smouldering fire residuals according to fire brigade directions 4.2 Remove fire affected infrastructure according to workplace procedures 4.3 Remove spent fuel or burnt compost and debris 4.4 Undertake activities to complement post-fire operations and prevent further damage 4.5 Clear and clean site and equipment 4.6 Provide assistance to fire brigade to complete and record required incident information 4.7 Report effectiveness of tactics employed 4.8 Seek feedback on performance and note improvements for future

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<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	action

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
Oral communication	Use clear language, tone and pace appropriate for the audience and purpose when reporting or raising the alarm during fire response

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCCOM205 Recognise and respond to fire emergencies on a composting site	AHCCOM202 Recognise and respond to fire emergencies on a composting site	Minor changes to Application and Performance Criteria, Performance Evidence, Knowledge Evidence and Assessment Conditions for clarity Foundation Skills added	Equivalent

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 AHCCOM205 Recognise and respond to fire emergencies on a composting site

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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, recognised and responded to fire emergency on a composting site and has:

- set up water delivery system
- read and interpreted site operation plans and procedures
- recognised and reported fire risks and incidents
- controlled fires according to workplace procedures and fire brigade directions
- followed emergency procedures.

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 recognising fire emergencies
- characteristics and operation of joints, hoses, valves and sprinkler components
- work health and safety and emergency management plans as part of enterprise operating procedures
- fire behaviour, extinguishing media and operating firefighting equipment
- fire control tactics and techniques, fire hazards and safety techniques
- pile size, moisture and porosity as causes of combustion
- procedures for safely using power and hand tools
- standard risk control measures used in the industry to minimise risk associated with fire response.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated on a farm or commercial composting site or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - firefighting tools and equipment
 - personal protective equipment
- specifications:
 - workplace emergency procedures
 - manufacturer operating instructions for equipment
 - instructions from local fire authority
- relationships:
 - local fire authority team.

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

Links

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