



Australian Government

CPPPMT3010 Control timber pests

Release: 1

CPPPMT3010 Control timber pests

Modification History

Release 1.

Replaces superseded equivalent CPPPMT3010A Control timber pests.

This version first released with CPP Property Services Training Package Version 2.

Application

This unit of competency specifies the outcomes required to implement a management plan to control timber pests. The unit covers reviewing existing reports relating to pest activity at the premises and designing, implementing and monitoring a management plan to control timber pests. The selection of appropriate equipment, chemicals, materials and methods is essential for performing the task effectively.

The unit supports pest management technicians responsible for controlling timber pests and timber pest activity that impact on the health, safety or amenity of persons or environments in domestic, commercial or industrial premises.

Timber pests may occur in internal and external surfaces of buildings, landscaping, recreational equipment, timber fences, furniture, railing, bridges and stairs. Types of timber pests vary in different geographic regions and this unit applies to those timber pests found in the geographic area.

Licensing, legislative, regulatory or certification requirements apply to pest management in some States. Relevant state and territory regulatory authorities should be consulted to confirm those requirements.

Pre-requisite Unit

Nil

Unit Sector

Pest management

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the range of conditions.

1. Design timber pest management plan.

1.1. Work order and inspection report are reviewed to confirm task according to client and company requirements.

- 1.2. **Hazards** are identified and risks controlled at **work site** according to company and **compliance requirements**.
 - 1.3. Suitable **timber pest management methods** are selected for **control of timber pests** based on inspection report and **work site environment** and according to client, company and compliance requirements.
 - 1.4. Client is advised of proposed pest management plan according to work order and company requirements, and questions are invited and responses given.
 - 1.5. **Access and inspection equipment** and **application and installation equipment** required for managing timber pests is identified according to manufacturer specifications and company and compliance requirements.
 - 1.6. **Materials** required to manage timber pests are identified and requirements are **calculated** according to manufacturer specifications and company and compliance requirements.
 - 1.7. **Timber pest management** plan for work site is documented and processed according to company requirements.
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2. Prepare to implement timber pest management plan.
 - 2.1. Timber pest management plan is reviewed to identify factors affecting completion of work order, and issues are clarified with appropriate persons according to company requirements.
 - 2.2. Client's approval to proceed with implementation of pest management plan is confirmed according to company requirements.
 - 2.3. Suitable **personal protective equipment** (PPE) is selected and fitted according to manufacturer specifications and company and compliance requirements.
 - 2.4. Equipment is selected and operational effectiveness checked according to manufacturer specifications and company and compliance requirements.
 - 2.5. Materials are prepared according to manufacturer specifications and company and compliance

- requirements.
- 2.6. **Signage and barriers** are installed as required to protect **public health and safety** during the treatment operation.
3. Implement pest management plan.
- 3.1. Hazards are identified and risks controlled at work site according to company and compliance requirements.
- 3.2. Materials identified in timber pest management plan are applied or installed according to manufacturer specifications and company and compliance requirements.
- 3.3. Pest management plan is implemented using safe operating practices according to manufacturer specifications and company and compliance requirements.
- 3.4. Implementation is reviewed to check effectiveness of timber pest management plan and remedial action is implemented as required.
- 3.5. **Emergency response procedures** are implemented when necessary according to manufacturer specifications and company and compliance requirements.
4. Restore work site.
- 4.1. Work site is restored to condition agreed with client and requirements of timber pest management plan according to company and compliance requirements.
- 4.2. Hazards are eliminated prior to handover according to company and compliance requirements.
- 4.3. Signage and barriers are removed when work site is available for re-use, according to work order and company and compliance requirements.
- 4.4. Appropriate persons are notified of further hazard reduction or necessary rectification measures according to company and compliance requirements.
5. Clean, safety check and store equipment.
- 5.1. Equipment and PPE are cleaned and decontaminated according to manufacturer specifications and company and compliance requirements.

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| | 5.2. | Equipment and PPE are safety checked and required maintenance is recorded according to manufacturer specifications and company and compliance requirements. |
| | 5.3. | Cleaned equipment and PPE are stored to allow ready access and re-use according to company requirements. |
| | 5.4. | Chemicals are transported and stored according to manufacturer specifications and company and compliance requirements. |
| | 5.5. | Collected waste is disposed of according to work order, manufacturer specifications and company and compliance requirements. |
| | 5.6. | Exposed skin is treated to remove any contamination according to manufacturer specifications and company and compliance requirements. |
| 6. | Complete documentation. | 6.1. Required certificates and notices are prepared and issued according to compliance requirements.
6.2. Company documentation is completed and distributed according to company and compliance requirements. |
| 7. | Monitor effectiveness of timber pest management plan. | 7.1. Periodic contact schedule is established with client according to company requirements.
7.2. Regular liaison is maintained with client to monitor effectiveness of plan according to company requirements. |

Foundation Skills

This section describes the language, literacy, numeracy and employment skills essential to performance in this unit but not explicit in the performance criteria.

Skill

Performance feature

Learning skills to:

- identify and use reliable sources of information relating to control

This section describes the language, literacy, numeracy and employment skills essential to performance in this unit but not explicit in the performance criteria.

Skill	Performance feature
	of timber pests.
Numeracy skills to:	• interpret and apply information on product labels to mix chemicals as specified • measure site dimensions and calculate areas and volumes.
Oral communication skills to:	• interact effectively with clients to exchange ongoing information on effectiveness of timber pest management strategies, expressing technical information in appropriate language for the client.
Reading skills to:	• read and interpret work directions and safety instructions in, equipment manuals, house plans, product labels and safety data sheets (SDS). •
Writing skills to:	• record information accurately and legibly on certificates, company documentation and notices.
Planning and organising skills to:	• plan and organise the implementation of timber pest management, including scheduling tasks efficiently to meet timeframes.

Range of Conditions

This section specifies work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included. Bold italicised wording, if used in the performance criteria, is detailed below.

<i>Hazards</i> to be checked for must include:	• asbestos • animal bites and stings • chemical • confined or restricted spaces
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- electrical
- environmental contamination
- fire
- lighting
- manual handling
- moving vehicles and machinery
- noise
- probable location of underground services
- remote locations
- respiratory
- slips and trips
- temperature
- ultraviolet (UV) radiation
- working at heights.

Work sites must include either:

- residential premises with different types of construction, or
- commercial premises with different uses, or
- a combination of the above.

Compliance requirements must include:

- Australian standards, quality assurance and certification requirements, including AS 3660.2 Termite management - In and around existing buildings and structures
- commonwealth, state and territory legislation and local government regulations relating to controlling timber pests, including:
 - consumer protection
 - environmental protection
 - pesticide registers and manifests
 - pesticide use
 - privacy
 - public health and safety
- environmental requirements relating to controlling timber pests, including:
 - clean up, containment or isolation of hazards
 - company policies and guidelines
 - emergency chemical spill control measures
 - hazardous materials handling
 - regulations, by-laws and guidelines of environmental protection agencies and government departments
 - waste handling and disposal

- licensing requirements for timber pest management
- national and industry codes of practice and advisory standards relating to controlling timber pests
- work health and safety requirements relating to controlling timber pests, including:
 - procedures for hazard identification, risk assessment and hazard control, including hierarchy of hazard control
 - requirements of national registration authority and state government authorities
 - site inductions and client safety requirements
 - use of safe work methods, including use of pesticides according to manufacturer labels.

Timber pest management methods must include one or more of the following:

- biological controls
- cultural controls
- chemical controls
- physical controls.

Control must include one of the following:

- eradication
- exclusion.

Timber pests must include three or more of the following:

- borers
- damp wood termites
- dry wood termites
- subterranean termites
- wood decay fungi.

Work site environment must include consideration of:

- age of structure
- associated building or land use
- dark and humid areas
- drainage
- geographic location
- known pressure pest areas
- level of moisture
- previous treatments
- soil type
- timber type
- ventilation.

Access and inspection equipment must include:

- camera
- hand lens
- ladder
- measuring tape or ruler
- mirror
- moisture meter
- pliers
- probes or knife
- sounding tools
- specimen bottle
- torch.

Application and installation equipment must include five or more of the following:

- bait box or station
- concrete drill
- dust applicator
- foaming applicator
- liquid injection nozzle
- monitoring station
- slab injector
- soil injector
- soil spray nozzle.

Materials must include one or more of the following:

- physical barriers and controls
- sealing components
- termiticides.

Calculations must include those for one or more of the following:

- flow rates and pressures of termiticide application equipment
- recalibration of equipment
- surface areas
- volumes of termiticide.

Timber pest management plan must include:

- advice on health, safety, legislative and environmental matters
- advice on pest prevention strategies
- chemical application methods
- details of timber pest and timber pest activity
- follow-up pest management advice, monitoring and call-back schedule

- mandatory notification requirements
- record keeping mandated by licensing or regulatory requirements
- timber pest management methods
- types and quantities of chemicals to be used.

Personal protective equipment must include:

- appropriate eye, ear and respiratory protection
- first aid kit appropriate to the task and location
- site-specific PPE and clothing requirements
- soap and towel
- sun protection.

Signage and barriers must include one or more of the following:

- physical barriers and restraints erected to restrict access to work site
- signs complying with legislative requirements or Australian standards that warn of danger or adverse conditions.

Public health and safety must include checking for impacts on:

- general public and bystanders
- non-target animals
- occupants.

Emergency response procedures must include one of more of the following:

- calling emergency numbers and poisons information centre
- cleaning up
- containing hazards
- decontaminating
- evacuating work site or workplace
- isolating hazards
- notifying authorities
- using PPE.

Unit Mapping Information

CPPPMT3010A Control timber pests

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b>

Assessment Requirements for CPPPMT3010 Control timber pests

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Performance Evidence

A person demonstrating competency in this unit must satisfy all of the elements, performance criteria and foundation skills of this unit, and must control timber pests using a minimum of two different pest control methods. The methods must be applied in three different work sites, selected as follows:

- three residential premises with different types of construction, or
- three different commercial premises with different uses, or
- a mix of three different residential and commercial premises.

In doing the above, the person must also:

- achieve outcomes in relation to work order
- design a timber pest management plan taking into account environmental sustainability
- identify hazards and control risks associated with timber pest management
- comply with company and compliance requirements, including applying safe work procedures for:
 - identifying hazards and controlling risks
 - manual handling
 - observing progress of work, including recognising variations at work site, such as usage
 - selecting and using equipment and materials
 - working at heights and in confined spaces.

Knowledge Evidence

A person demonstrating competency in this unit must demonstrate knowledge of:

- building structures and construction methods relevant to work sites described in performance evidence and to the control of timber pests at these sites
- chemicals' routes of entry into human body and potential symptoms of exposure
- company requirements in relation to controlling timber pests, including work documentation and reporting procedures
- compliance requirements relevant to controlling timber pests
- content and industry terms used in work order specifications

- the following aspects of pest assessment:
 - ecology and biology of timber pests
 - soil types in relation to timber pest activities
- pest management methods, including:
 - biological, chemical, cultural and physical controls associated with controlling timber pests in a range of environments and conditions
 - difference in action and application of termiticides
 - product knowledge, including manufacturer specifications for equipment and products being used
- types of timber pests relevant to the area and their life cycles, habits and harbourages.

Assessment Conditions

Suitable assessment of performance requires:

- equipment:
 - personal protective equipment (PPE) and access and inspection equipment as identified in the range of conditions, suitable for implementing pest management plans for timber pests
- materials:
 - as identified in the range of conditions, suitable for implementing pest management plans for timber pests
- specifications:
 - company procedures relevant to controlling timber pests
 - plain English guides to legislation, regulations, codes of practice and industry advisory standards that apply to controlling timber pests
 - safety data sheets (SDS)
 - work orders and inspection reports for controlling timber pests at premises specified in the performance evidence
- physical conditions:
 - suitable premises for controlling timber pest problems
 - site induction, as required
- relationships with team members and supervisor:
 - work may be conducted individually or as part of a team and must be supervised by a licensed pest manager
- relationship with client:
 - client consultation required
- timeframe:
 - according to work order.

Assessor requirements

As a minimum, assessors must satisfy the assessor requirements in the Standards for Registered Training Organisations (RTOs) current at the time of assessment.

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