



Australian Government

Department of Education, Employment and Workplace Relations

RTE2707B Follow site quarantine procedures

Release: 1

RTE2707B Follow site quarantine procedures

Modification History

Not applicable.

Unit Descriptor

This unit of competency specifies the outcomes required to follow enterprise site quarantine procedures that are designed to reduce the likelihood of pathogenic organisms entering the site. Site quarantine procedures are followed as a routine part of ones own work and are applied to visitors to the site. Work is performed under supervision and according to established procedures and policies.

It may apply to work in all rural production and production horticultural enterprises.

Application of the Unit

Not applicable.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Not applicable.

Employability Skills Information

Not applicable.

Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a unit of competency.

Performance criteria describe the required performance needed to demonstrate achievement of the element. Where **bold italicised** text is used, further information is detailed in the required skills and knowledge and/or the range statement. Assessment of performance is to be consistent with the evidence guide.

Elements and Performance Criteria

Elements and Performance Criteria

Element	Performance Criteria
1 1 Prepare to work in quarantine site.	<ul style="list-style-type: none">1.1 Ensure personal and/or work vehicles are decontaminated before entering the quarantine site.1.2 Contact with potential contaminants is reported according to enterprise requirements.1.3 Hands are washed before livestock, feed, plant stock or other products are handled.1.4 Appropriate clothing and footwear is put on before commencing work and 'street clothing' is securely stored away from livestock, feed or other products.
2 2 Work in quarantine site.	<ul style="list-style-type: none">2.1 Chemicals and/or medications are handled and stored appropriately.2.2 Where relevant to the production activities of the enterprise, different feed mixes, soils and/or growing media and/or other products are kept separate and appropriately marked according to enterprise procedures.2.3 Any cases of pest or parasite infestation are identified and reported to supervisor.2.4 Any breaches of quarantine procedures are identified and reported to supervisor.2.5 Any OHS hazards are identified and appropriate action is taken according to enterprise policy and OHS legislation and codes.2.6 All waste product is disposed of according to enterprise procedures.2.7 All deceased livestock, unwanted biological material or damaged/infected plant stock and other items are disposed of according to enterprise procedures.2.8 Information relating to work in quarantine site is recorded as required by the enterprise procedures.

- 3 **3 Assist in maintaining site quarantine procedures.**
 - 3.1 All visitors are informed of the quarantine procedures and are provided with appropriate clothing and footwear, if required by enterprise procedures.
 - 3.2 Any observed breaches of quarantine procedures by visitors are noted and reported to supervisor.
 - 3.3 Gates and doors are kept locked where required by enterprise procedures and supervisor instructions.
 - 3.4 Where installed, security fencing is maintained according to supervisor instructions.
 - 3.5 Deliveries to site are checked to ensure that established procedures for vehicle decontamination, unloading and receipt and holding or storage of stock and/or supplies are followed.
- 4 **4 Respond to site quarantine breach or problem.**
 - 4.1 The specific problem and its location is identified and reported to supervisor.
 - 4.2 Problems are secured according to enterprise procedures.
 - 4.3 Quarantine site and location of breach is cleaned and disinfected as required according to the specific nature of the problem and enterprise procedures.
 - 4.4 Livestock, plant stock and other items suspected of being exposed to contaminants are isolated and monitored for evidence of contamination according to enterprise procedures.
 - 4.5 All contaminated stock/materials and other items are treated and/or disposed of according to enterprise procedures.
 - 4.6 Information about the breach or problem is recorded according to enterprise procedures.

Required Skills and Knowledge

This section describes the essential skills and knowledge and their level, required for this unit.

Required knowledge and understanding include:

Enterprise site quarantine policy and procedures

industry quality assurance requirements (where applicable) and documentation required to be kept

Reporting procedures for alleged breaches of site quarantine procedures

Consequences of breaching site quarantine procedures

Required skills include:

Read and/or interpret site quarantine procedures

Follow procedures

Communicate with visitors to the enterprise about site quarantine procedures.

Evidence Guide

The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, the range statement and the Assessment Guidelines for this Training Package.

What evidence is required to demonstrate competence for this unit as a whole?

Competence in following site quarantine procedures requires evidence that the person is able to understand and apply the specific procedures in place in an enterprise and to report any breaches of quarantine to supervisors.

The skills and knowledge required to follow site quarantine procedures must be **transferable** to a different work environment. For example, following site quarantine procedures in different types of enterprises or where quarantine is imposed in response to different circumstances on different occasions.

What processes should be applied to this unit of competency?

There are a number of processes that are learnt throughout work and life which are required in all jobs. They are fundamental processes and generally transferable to other work functions.

Some of these are covered by the **key competencies**, although others may be added. The questions below highlight how these processes are applied in this unit of competency.

Following each question a number in brackets indicates the level to which the key competency needs to be demonstrated where 0 = not required, 1 = perform the process, 2 = perform and administer the process and 3 = perform, administer and design the process.

- | | | |
|----|--|---|
| 1. | How can communication of ideas and information (1) be applied? | Discussing problems with maintaining the quarantine procedures. |
| 2. | How can information be collected, analysed and organised (1)? | Keeping records of visitors to the enterprise, and noting the requirements for exclusion periods from the quarantine site. |
| 3. | How are activities planned and organised (1)? | Scheduling locking of sheds, gates and storage areas. |
| 4. | How can team work (1) be applied? | Working as a team member to review and implement the required enterprise procedures and to deal with breaches of site quarantine. |
| 5. | How can the use of mathematical ideas and techniques (1) be applied? | Recording and calculating chemical application rates. |
| 6. | How can problem solving skills (1) be applied? | Identifying and investigating pest infestation mode of entry. |

- | | | |
|----|---|---|
| 7. | How can the use of technology (1) be applied? | Using alarms or other warning systems to notify of breaches of quarantine site. |
|----|---|---|

Range Statement

RANGE STATEMENT

The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. **Bold italicised** wording in the performance criteria is detailed below. Add any essential operating conditions that may be present with training and assessment depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts.

What might be included in a **quarantine site**?

The quarantine site may be the whole farm, an apiary, enterprise premises, or part of the premises or enterprise, such as an isolation area or sick bay. In some cases, the quarantine area may extend beyond the enterprise boundaries.

How might vehicle **decontamination** be carried out?

Vehicle decontamination may require that all vehicles are driven through a dip of treated solution before entering the site.

What may be **potential contaminants**?

Potential contaminants may include pathogens entering on clothing/footwear, equipment, vehicles or items being delivered to the enterprise. Potential contaminants may also enter in foodstuffs, including food for animal, bee or human consumption, vaccines, water or soil, or be brought on to the site by new livestock, bees or pests.

What may be included in **enterprise requirements**?

These may include standard operating procedures (SOPs), enterprise quality assurance manual, industry standards and quality assurance programs specific to biosecurity, production schedules, Material Safety Data Sheets, work notes, product labels, manufacturers specifications, operators manuals, enterprise policies and procedures (including waste disposal, recycling and re-use guidelines), OHS procedures, supervisors oral or written instructions, work and routine maintenance plans.

What is included in **livestock, feed, plant stock or other products**?

Livestock, feed, plant stock or other products include any animals, plants, prepared stock feed and stock feed ingredients, fish, all hive products and the beehive itself.

What type of **pest** infestations might occur?

Pests can include vertebrate and invertebrate pests, wild birds in sheds or housing, dogs,

What sort of **waste products** and **other items** might need to be disposed of?

cats, feral animals, wildlife, parasites of honeybees, or feral or managed bees carrying parasites.

Waste products might include feed spills, unused/expired vaccine, and biological matter, such as semen, embryos, tissue samples, plant cuttings, dead birds, manures, used beekeeping equipment, dead bees, and used chemicals and pest strips.

Other items may include beehives, materials and hive products.

Unit Sector(s)

Not applicable.