



**Australian Government**

# **AMPQUA410 Manage the collection, monitoring and interpretation of animal health data**

**Release: 1**

# AMPQUA410 Manage the collection, monitoring and interpretation of animal health data

## Modification History

| Release   | Comments                                                                                |
|-----------|-----------------------------------------------------------------------------------------|
| Release 1 | This version released with AMP Australian Meat Processing Training Package Version 8.0. |

## Application

This unit of competency describes the skills and knowledge required to manage the collection, monitoring and reporting of animal health data from a meat processing premises. Data may be collected in the lairage or on the processing floor. The data may be recorded manually on paper forms or using electronic technological aids such as touch screens or voice recognition.

The data collected can be provided as feedback to animal owners, producers and harvesters, as well as monitored and reported by the meat processor. In some cases, the data will be supplied in part or whole to a third party such as a state regulator or a national database for further analysis to support extension, research or market access needs.

This unit applies to individuals who:

- have a working knowledge of the major animal pathological diseases and conditions that impact animal production
- manage the collection of animal health data
- organise uploading and monitoring of animal health data in a database
- interpret animal health data in terms of the impact of the relevant pathological diseases on yield.

All work must be carried out to comply with workplace procedures, according to state/territory health and safety, food and meat safety regulations, legislation and standards that apply to the workplace.

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

## Pre-requisite Unit

Nil

## Unit Sector

Quality Assurance (QUA)

## 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. Identify the relevant animal diseases for data collection | 1.1 Identify endemic diseases and conditions to be recorded relevant to the workplace and species<br>1.2 Identify the standard to be applied to the recording of diseases and conditions at ante- and/or post-mortem<br>1.3 Identify the impact of the relevant diseases and conditions on yield and potential impact on carcase weights<br>1.4 Identify sources of information, including veterinary advice, available to producers on strategies to reduce the incidence of diseases and conditions                                                                    |
| 2. Manage the collection and recording of animal health data | 2.1 Identify the animal diseases and conditions to be monitored at a specific premises<br>2.2 Maintain and validate ante- and post-mortem data collection and recording procedures for the premises<br>2.3 Oversee and verify the collection and recording of animal health data according to premises requirements<br>2.4 Establish and implement the procedures for verifying the accuracy of the data collected                                                                                                                                                       |
| 3. Oversee the uploading of records to a database            | 3.1 Establish the fields to be recorded in the database<br>3.2 List the sources of information to populate the database<br>3.3 Document the procedures for the uploading and verifying of the animal health data into the database<br>3.4 Check the uploading of animal health data to a database to ensure compliance with database requirements                                                                                                                                                                                                                        |
| 4. Monitor and analyse animal health data                    | 4.1 Establish the purpose of monitoring animal health data at a premises and national level<br>4.2 Monitor the animal health data relevant to the premises and individual producers with a view to improving the quality of incoming animals<br>4.3 Monitor the animal health data against individual Property Identification Codes, local government areas and methods of animal purchase, with a view to improving the quality of incoming animals and informing animal purchasing strategies<br>4.4 Investigate anomalies in data to establish the cause, and consult |

| Elements                                         | Performance Criteria                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Elements describe the essential outcomes.</i> | <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>                                                                                                                                                                                                                                                                                                       |
|                                                  | <p>with relevant parties</p> <p>4.5 Establish the relevant parameters for assessing animal health data, including premises and supplier averages</p> <p>4.6 Estimate the impact of individual diseases and conditions on the processor</p>                                                                                                                                                                   |
| 5. Report animal health data to relevant parties | <p>5.1 Identify national standards for reporting animal health data</p> <p>5.2 Establish a format for the reporting of animal health data to relevant premises personnel, producers and other third parties</p> <p>5.3 Manage the reporting of animal health data to ensure reporting and data standards are complied with</p> <p>5.4 Provide feedback to enquires from relevant individuals and parties</p> |

## 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  | <ul style="list-style-type: none"> <li>Interpret and analyse information</li> </ul>                                            |
| Writing  | <ul style="list-style-type: none"> <li>Produce reports using structure, format and language appropriate for purpose</li> </ul> |
| Numeracy | <ul style="list-style-type: none"> <li>Interpret numbers and statistics as part of collecting and reporting data</li> </ul>    |

## Unit Mapping Information

| Code and title current version                                       | Code and title previous version                                   | Comments                                                      | Equivalence status |
|----------------------------------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------------------|--------------------|
| AMPQUA410<br>Manage the collection, monitoring and interpretation of | AMPA414 Manage the collection, monitoring and reporting of animal | Unit sector code and title updated<br>Assessment Requirements | Equivalent         |

| Code and title<br>current version | Code and title<br>previous version          | Comments             | Equivalence status |
|-----------------------------------|---------------------------------------------|----------------------|--------------------|
| animal health data                | health data from a<br>meat processing plant | reworded for clarity |                    |

## Links

Companion Volumes, including Implementation Guides, are available at VETNet: -  
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=5e2e56b7-698f-4822-84bb-25adbb8443a7>

# Assessment Requirements for AMPQUA410 Manage the collection, monitoring and interpretation of animal health data

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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 managed the collection, monitoring and reporting of animal health data from a meat processing premises on at least one occasion.

## 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:

- the common diseases and conditions that are to be recorded relevant to the species and premises
- the signs of the relevant endemic diseases and conditions to be recorded at ante- and post-mortem
- the costs associated with common endemic animal diseases and conditions (to be recorded) for processors and producers through condemnns and partial condemnns
- the source for advice on the ways the incidence of these diseases and conditions can be reduced
- the ante- and post-mortem data collection and recording procedures for the premises
- the procedures for verification of the accuracy of the data collected
- the fields in the database
- how data are uploaded to a database
- the nature of abnormalities in data that require investigation to establish the cause and potential impact on producers and processors
- how to format animal health data reports to address the needs of the range of parties receiving the data
- how to ensure control of privacy relating to data collected for individual animal owners.

## Assessment Conditions

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

- physical conditions:
  - skills must be demonstrated in a meat processing workplace or an environment that accurately represents workplace conditions
- resources, equipment and materials:
  - animal health data
  - working database and record-keeping system
- specifications:
  - use of specific workplace documents such as policies, procedures, processes and forms
  - access to specific legislation/codes of practice
- relationships:
  - clients and stakeholders
  - team members.

Assessment for this unit must include at least three forms of evidence.

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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