



**Australian Government**

# **Assessment Requirements for AHCBAAC406 Maintain grain quality in storage**

**Release: 1**

# Assessment Requirements for AHCBA406 Maintain grain quality in storage

## Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

## Performance Evidence

The candidate must be assessed on their ability to integrate and apply the performance requirements of this unit in a workplace setting. Performance must be demonstrated consistently over time and in a suitable range of contexts.

The candidate must provide evidence that they can:

- setup and operate fumigation and pesticide application equipment
- sample loads and grain in storage, and conduct a simple analysis
- create, maintain, use and keep clear and trackable records
- use a range of communication equipment, including in emergency situations
- inspect and test silos
- identify insects, pests and other factors that affect grain quality
- set up and operate inert atmosphere equipment
- handle and mix chemicals for baiting, fumigation, spraying, and other forms of application
- interpret monitored information on pests
- plan and schedule weed, pest and disease control including amending plans during the operations
- calculate mass and volumes of grain and grain storages
- implement pre-determined integrated pest management strategies
- monitor and maintain hygiene
- monitor and control pests and contaminants
- investigate and recommend options for technology, systems or practices that will improve grain quality
- implement work health and safety policies in the context of the work team
- implement enterprise biosecurity policies in the context of the work team.

## Knowledge Evidence

The candidate must demonstrate knowledge of:

- types, levels and control methods for a range of pests and contaminants
- silo and temporary storage configuration and operation

- chemical handling and dangerous goods requirements
- range of applicable pesticides, their uses, application methods and handling requirements
- grain commodity types, varieties and grades, marketing requirements and options for grain growers
- handling requirements for gas cylinders
- insect life cycles and optimum conditions for development
- Integrated Pest Management (IPM) principles and the procedures used within the organisation
- legislative requirements, codes of practice and enterprise procedures relating to the purchase, transport, storage, use and disposal of pesticides and fumigants, work health and safety and environment
- client's sampling and classification requirements
- common grain pests and their general control methods
- equipment used in grain storage facilities
- site hazards and sound management practices and processes to minimise noise, odours, and debris from grain storage operations
- chemical handling and dangerous goods requirements
- developments and options available for maintaining or improving the quality of grain during storage
- enterprise biosecurity policies.

## Assessment Conditions

Competency is to be assessed in the workplace or simulated environment that accurately reflects performance in a real workplace setting.

Assessors must satisfy current standards for RTOs.

## Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>