



Australian Government

FBPVIT2017 Operate nursery cold storage facilities

Release: 1

FBPVIT2017 Operate nursery cold storage facilities

Modification History

Release	Comments
Release 1	This version released with FBP Food, Beverage and Pharmaceutical Training Package Version 2.0.

Application

This unit of competency describes the skills and knowledge required to prepare, operate, monitor and maintain nursery cold storage facilities.

The unit applies to individuals who are required to follow workplace procedures in completing tasks associated with nursery cold storage facilities.

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

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

Pre-requisite Unit

Nil

Unit Sector

Viticulture (VIT)

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. Prepare cold room for storage	1.1 Confirm work instructions, relevant regulations and identify potential health and safety hazards and controls according to job requirements 1.2 Select and fit personal protective equipment 1.3 Clean and sanitise cold room facilities according to workplace

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	procedures 1.4 Set cold room environment specifications for temperature, humidity and air flow according to workplace procedures
2. Operate and monitor cold room storage	2.1 Move and store stock to minimise loss according to workplace procedures 2.2 Apply storage layout and stock movement to meet cold room plan according to workplace procedures 2.3 Operate manual and mechanical transport according to workplace procedures 2.4 Monitor environmental controls for non-conformances 2.5 Monitor stock for signs of dehydration and fungal infection 2.6 Identify and address non-conformances according to workplace procedures
3. Maintain cold room	3.1 Start up and shut down cold room to meet manufacturers specifications 3.2 Clean, sanitise and secure cold room to maintain required hygiene 3.3 Collect and dispose of waste to maintain work area and meet environmental guidelines 3.4 Record cold room information accurately to ensure data is up to date

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	Comprehend information from a variety of workplace documents
Numeracy	Calculate numerical information relating to measuring and adjusting equipment controls
Navigate the world of work	- Follow clear instructions within defined level of responsibility - Apply workplace procedures to own role and responsibilities

Skill	Description
Get the work done	Respond to routine problems by referring to workplace procedures

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FBPVIT2017 Operate nursery cold storage facilities	FDFWGG2021A Operate nursery cold storage facilities	Updated to meet Standards for Training Packages Code changed to reflect industry sector Minor changes to Elements and Performance Criteria for clarity	Equivalent unit

Links

Companion Volume Implementation Guides are found in VETNet: -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=78b15323-cd38-483e-aad7-1159b570a5c4>

Assessment Requirements for FBPVIT2017 Operate nursery cold storage facilities

Modification History

Release	Comments
Release 1	This version released with FBP Food, Beverage and Pharmaceutical Training Package Version 2.0.

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 safely and effectively operated, monitored and maintained nursery cold storage facilities at least once and demonstrated the following including:

- following health and safety procedures in the workplace
- applying workplace procedures to cold room operations
- selecting and fitting personal protective equipment (PPE)
- monitoring cold storage and stock conditions according to workplace procedures
- identifying and reporting on anomalies
- shutting down, cleaning, sanitising and securing cold storage facilities
- identifying and addressing non-conformances
- maintaining records according to workplace 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:

- health and safety hazards and controls when working in a cold room, including:
 - PPE
 - health and safety procedures
- accessing workplace information required to operate cold storage facilities
- principles and practices of cold room planning and operation, including:
 - purpose and components of a cold room
 - operating cold room equipment according to workplace procedures
- principles and practices of maintaining cold room performance including:
 - packing and monitoring a cold room including temperature, humidity and air flow
 - common non-conformances and the corrective action required

- effect of cold storage on cuttings
- post-storage treatment of cuttings
- applying cold room plan
- moving material in and out of cold room
- using manual and mechanical transfer methods
- monitoring the health of cuttings during storage and checking for signs of:
 - dehydration
 - fungal infection
- starting up and shutting down equipment
- cold room nursery hygiene, including:
 - workplace environmental procedures and regulations
 - cleaning and sanitising requirements
 - waste collection and disposal
 - maintaining work area according to workplace procedures
- types of workplace records.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - a plant nursery workplace or an environment that accurately represents workplace cool room conditions
- resources, equipment and materials:
 - PPE used for operating a cold storage facility
 - equipment, services and materials for use in a cold storage facility
 - manual and mechanical cold storage transport
 - system for recording information
- specifications:
 - workplace procedures, including advice on company practices and safe work practices
 - equipment instructions and operation specifications
 - quarantine regulations and relevant codes of practice
 - industry standard procedures for cold storage of grape vines
 - cold room storage plan.

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

Links

Companion Volume Implementation Guides are found in VETNet: -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=78b15323-cd38-483e-aad7-1159b570a5c4>

