



Australian Government

Assessment Requirements for FBPVIT2016

Carry out hot water treatment

Release: 1

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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 prepared hot water treatments, treated cuttings and carried out the post-treatment procedures on at least two separate occasions and demonstrated the following:

- identifying health and safety hazards and controls in the workplace
- selecting, fitting and using personal protective equipment according to job requirements
- applying current viticulture industry standards to heat treatment of cuttings
- handling and treating cuttings according to workplace procedures
- monitoring treatment processes and responding according to workplace procedures
- disposing of waste according to instructions and workplace procedures
- maintaining records according to industry and workplace requirements.

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:

- purpose and process of hot water treatment
- how to set up equipment for hot water treatment according to workplace procedures
- how to prepare cuttings for treatment or re-hydration
- how to prepare water for cool down, hot water treatment and hydration:
 - testing and adjusting chlorination levels
 - checking and adjusting temperature levels
- current industry standards, legislation and workplace specifications for hot water treatments
- reasons for using different specifications for hot water treatments
- how to monitor the dipping process to ensure compliance according to workplace procedures including:

- monitoring critical control points for compliance with specifications
- analysing readouts from data logging devices
- maintaining level of agitation in the tanks
- maintaining chlorine level
- recalibrating thermometers
- procedures for storing treated cuttings:
 - separating from untreated cuttings to prevent contamination
 - covering with clean covers
 - placing cuttings in vented plastic bags to prevent dehydration
 - placing cuttings in the cold room
- workplace health and safety hazards and controls when undertaking hot water treatments
- principles of nursery hygiene
- cleaning requirements and procedures for work area and equipment
- environmental issues and controls:
 - identifying, rectifying and reporting environmental non-compliance
 - waste disposal requirements and procedures
- reporting and recording workplace procedures.

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 conditions
- resources, equipment and materials:
 - personal protective equipment used for heat treatment of vines
 - equipment, services and corresponding information
 - products and materials to be treated
 - equipment cleaning procedures and materials
 - system for recording requirements and procedures
- specifications:
 - work procedures, including advice on company practices, safe work practices and environmental requirements
 - legislative and local quarantine regulations and codes of practice and industry standards for heat treatment of grape vines
 - work instructions and schedules.

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>