



TRE3001.3 EXPORT PHYTOSANITARY TREATMENTS – VAPOUR HEAT TREATMENT

Competency Standard

Purpose:

This unit describes the process for supervising and documenting the vapour heat treatment of plants and plant products for export.

This unit defines the standard required to:

- Define the scope and criteria to conduct an inspection
- Define the hazards and risks to work, health and safety
- Comply with legislative requirements, departmental policies and importing country requirements
- Document and record vapour heat treatment details

Key Accountabilities:

- Work effectively in an export environment
- Prepare for treatment
- Initiate treatment
- Verify treatment completion
- Record results

eLearning requirements:

- Plant Export Essentials

Prerequisite requirements:

- HOR3002 Export inspection of fruit and vegetables (any attachment)



TRE3001.3: Export Phytosanitary Treatments – Vapour Heat treatment

Competency standard	Competency criteria
1. Work effectively in an export environment	1.1 Complies with: <ul style="list-style-type: none"> • Export legislation • APS Values and Code of Conduct • Departmental instructional material • Work Health & Safety (WHS) requirements
	1.2 Apply effective communication, conflict management and decision-making techniques
	1.3 Ensures all required export documentation has been completed and/or lodged
2. Prepare for treatment	2.1 Receive and validate export documentation
	2.2 Check for and assess treatment requirements
	2.3 Ensure roles and responsibilities are in order and tasks are distinguished
	2.4 Verify the treatment chamber and facility is fit for purpose
	2.5 Verify sensor calibration measures are adhered to
	2.6 Check calibration tools are fit for purpose
	2.7 Supervise placement of temperature sensors
	2.8 Verify previous sensor calibration
3. Initiate treatment	3.1 Confirms readiness of product for treatment
	3.2 Confirms treatment chamber has been sealed correctly
	3.3 Completes the approved treatment records and distributes and retains as required
4. Verify treatment completion	4.1 Carry out treatment failure procedure (if required)



TRE3001.3: Export Phytosanitary Treatments – Vapour Heat treatment

Competency standard	Competency criteria
	4.2 Verify post treatment phytosanitary measures are performed
	4.3 Make decisions based on treatment data
	4.4 Verify completion of treatment
	4.5 Completes the Vapour Heat Treatment (VHT) record



TRE3001.3: Export Phytosanitary Treatments – Vapour Heat treatment

Competency Standard		
<p>Required knowledge:</p> <ul style="list-style-type: none"> • Plant export legislation • Good decision making • WHS requirements • Phytosanitary treatment requirements • Product security standards • Effective communication skills • Governance processes • Conflict management techniques • Export documentation 	<p>Required skills:</p> <ul style="list-style-type: none"> • Determine and interpret phytosanitary treatment requirements • Verify treatment equipment • Supervise treatment set-up • Implement phytosanitary treatment requirements • Monitor product security standards • Completion of treatment documentation • Use literacy skills to read, interpret and follow organisational policies, procedures, instructions • Record accurately and legibly information collected • Select and apply procedures for a range of tasks • Use communication skills to fulfil job role including questioning techniques, active listening, clarifying information, consulting with supervisors, dealing with conflict and using technology • Use numeracy skills to estimate, calculate and record routine workplace measures • Use interpersonal skills to work with and relate to people from a range of cultural, social and religious backgrounds 	<p>Required attitude:</p> <ul style="list-style-type: none"> • Behave honestly and with integrity • Act with care and diligence • Treat everyone with respect and courtesy, and without harassment • Comply with all applicable Australian laws • Comply with any lawful and reasonable direction given by someone in the employee’s Agency who has authority to give the direction • Disclose, and take reasonable steps to avoid any conflict of interest (real or apparent) • At all times behave in a way that upholds the APS Values and the integrity and good reputation of the APS • Perform function in an impartial and professional manner • Be openly accountable for your actions • Be responsive to the Government in providing frank, honest, comprehensive, accurate and timely advice and in implementing the Government’s policies and programs



Candidate Advice - Demonstration	
Competency name TRE3001.3: EXPORT PHYTOSANITARY TREATMENTS – Vapour Heat Treatment	
<p>The evidence required to demonstrate competency in this unit is to be relevant to workplace operations and satisfy holistically all of the requirements of the competency criteria and required skills, knowledge and attitude and include achievement of the following:</p> <ul style="list-style-type: none"> • Define the scope and criteria for supervising vapour treatments in line with department and importing country requirements • Apply and follow WHS requirements associated with the treatment • Determine treatment requirements • Ensure treatment tasks are performed in accordance with the department and importing country requirements • Document the results of vapour heat treatment tasks to defend the decision-making requirements 	

Competency Criteria:	Demonstration
1. Work effectively in an export environment	<ul style="list-style-type: none"> • Name at least 2 pieces of legislation that govern your role as an AO • Name at least 3 behaviours that are in accordance with the APS Code of Conduct/APS Values • What can you do to avoid unnecessary workplace incidents or accidents? • If you find yourself in a conflict situation how would you manage it? • How do you ensure that you make the best defensible decision? • What are the potential consequences for making an incorrect decision?
2. Prepare for treatment	<ul style="list-style-type: none"> • Outline and perform the tasks undertaken to prepare for supervising a vapour heat treatment • Outline the responsibilities of the authorised officer • Outline the responsibilities and expectations of the client • Describe the requirements of a fit for purpose treatment chamber • How would you verify previous sensor calibration? • How would you verify previous treatment has occurred? • How would you verify the validity of a reference thermometer? • What actions are you looking to verify when supervising the calibration of temperature sensors? • Describe how you would ensure valid placement of sensors.



TRE3001.3: Export Phytosanitary Treatments – Vapour Heat treatment

Competency Criteria:	Demonstration
3. Initiate treatment	<ul style="list-style-type: none"> • How do you determine product is ready for treatment? • Describe the process for checking and recording treatment chamber sealing. • Demonstrate how to complete the Vapour Heat Treatment Record. • Outline the role of the authorised officer after treatment.
4. Verify treatment completion	<ul style="list-style-type: none"> • Discuss when you would consider failing a treatment. • List the requirements to successfully pass treatment. • What actions are required of the authorised officer post treatment?

Title: Candidate Advice TRE3001.3: Export Phytosanitary Treatments – Vapour Heat Treatment				
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