



TRE3001.2: EXPORT PHYTOSANITARY TREATMENTS – ONSHORE COLD TREATMENT

Competency Standard

Purpose:

This unit describes the process for supervising and documenting the phytosanitary 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 occupational safety and the environment
- Comply with legislative requirements, departmental policies and importing country requirements
- Document and record the phytosanitary treatment details

Key Accountabilities:

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

eLearning requirements:

- Plant Export Essentials

Prerequisite requirements:

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



TRE3001.2: Export Phytosanitary Treatments – Onshore cold 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 Receives and validates export documentation
	2.2 Checks for and assesses treatment requirements
	2.3 Obtains relevant instructional material
	2.4 Collects required tools/equipment
	2.5 Checks site WHS and PPE requirements
3. Initiate treatment	3.1 Confirms readiness of product for treatment
	3.2 Verifies treatment equipment
	3.3 Supervises treatment set-up
	3.4 Verifies product security (if applicable)
	3.5 Completes the approved treatment records and distribute and retain as required
4. Verify treatment completion	4.1 Verifies treatment equipment
	4.2 Analyses treatment data



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Competency standard	Competency criteria
	4.3 Verifies completion of treatment
	4.4 Verifies product security post treatment
	4.5 Completes the approved treatment records and distributes and retains as required



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 TRE3001.2: EXPORT PHYTOSANITARY TREATMENTS – Onshore Cold 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 onshore cold treatment in line with department and importing country requirements • Apply and follow WHS requirements associated with the treatment • Determine treatment requirements • Conduct required treatment tasks complying with the department and importing country requirements • Document the results of required onshore cold treatment tasks to defend the decision-making process 	

Competency Criteria:	Demonstration
1. Work effectively in an export environment	<ul style="list-style-type: none"> • What can you do to avoid unnecessary workplace incidents or accidents?
2. Prepare for treatment	<ul style="list-style-type: none"> • Outline all the tasks you would undertake to prepare for supervising an onshore cold treatment • Show me how you would access online the onshore cold treatment requirements for <insert country/commodity> • What instructional material do you need to be aware of and follow to supervise the onshore cold treatment tasks for the department?
3. Initiate treatment	<ul style="list-style-type: none"> • What is your role in the calibration of the temperature sensors? • What are you looking for when you supervise the client calibrating the temperature sensors? • When would you need to calculate a correction factor and how do you do this? • How do you determine if there are mandatory pre-cooling requirements? • How do you determine if the fruit is pre-cooled to the required temperature? • How would you ensure your thermometer is reading accurately? • How do you supervise the placement of temperature sensors? • What time do you record as the treatment start time on the OSCT record?



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Competency Criteria:	Demonstration
	<ul style="list-style-type: none"> Complete the onshore cold treatment record for initial sensor calibration and treatment start using a scenario provided and describe what you would do with the record once it is complete?
Verify treatment completion	<ul style="list-style-type: none"> What are you looking for when you supervise the client re-calibrating the sensors? When will you need to adjust the treatment temperature readings upward? How would you verify the treatment completion? How would you determine if the treatment was completed successfully or failed? What would you do to maintain product security if the product is not loaded for export immediately after treatment completion? How would you inspect the container and explain what you are looking for? Why and how do you supervise the loading of the consignment? Complete the onshore cold treatment record using a scenario provided and describe what you would do with the record once it is complete?

Title: Candidate Advice TRE3001.2: Export Phytosanitary Treatments – Onshore Cold Treatment

Version Number	Date	Details of Amendment	Document Owner	Author
1.0	31/05/2018	Job function release	Plant Export Operations Branch	IMT
2.0	24/03/2021	Legislation Updates	Plant Export Operations Branch	IMT