



Australian Government

Department of Agriculture

CANDIDATE ADVICE

PLANT EXPORT OPERATIONS BRANCH

TRE3001 PHYTOSANITARY TREATMENTS

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 for a phytosanitary treatment
- define the hazards and risks to workplace health and safety (WHS) and the environment
- comply with legal/statutory requirements, organisational protocols and industry standards and
- document and record phytosanitary treatment details.

Key Accountabilities:

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

eLearning requirements:

Core Modules (Course PE001)
Grain and Horticulture (Course PE003)
Horticulture (Course PE007)



Competency Standard	
1. Work effectively in an export environment	1.1 Follow relevant WHS standards and industry requirements
	1.2 Apply effective communication, conflict management and decision-making techniques
	1.3 Ensure all required export documentation has been completed and/or lodged.
2. Prepare for treatment	2.1 Receive and assess export documentation
	2.2 Check for and assess treatment requirements
	2.3 Obtain relevant instructional and reference material
	2.4 Check registration status of export registered establishment and entities
	2.5 Collect required tools/equipment
	2.6 Check site WHS and PPE requirements
3. Initiate treatment	3.1 Confirm readiness of product for treatment
	3.2 Verify treatment equipment
	3.3 Supervise treatment set-up
	3.4 Verify product security (if applicable)
	3.5 Complete the approved treatment records and distribute and retain as required
4. Monitor treatment	4.1 Analyse treatment data



Competency Standard

	4.2 Verify product security during treatment
	4.3 Complete the approved treatment records and distribute and retain as required
5. Verify treatment completion	5.1 Analyse treatment data
	5.2 Verify completion of treatment
	5.3 Verify product security post treatment
	5.4 Complete the approved treatment records and distribute and retain as required



Competency Standard

Required knowledge:

- Apply defensible decision making
- Follow WHS requirements
- Determine and interpret phytosanitary treatment requirements
- Be aware of product security standards
- Use effective communication skills & apply governance processes
- Apply conflict management techniques
- Complete documentation

Required skills:

- Verify treatment equipment
- Supervise treatment set-up
- Implement phytosanitary treatment requirements
- Analyse treatment data
- 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.

Required attitude:

- 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 - Question and Answer

Competency name TRE3001 Phytosanitary Treatments

The evidence required to demonstrate competency in this unit must 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:

- define the scope and criteria on which to base the phytosanitary treatment
- apply and follow WHS, risk management and environmental procedures associated with the treatment
- determine treatment requirements
- conduct required treatment tasks complying with the Department of Agriculture and importing country requirements
- document the results of required treatment tasks to defend the decision-making process.

Competency Criteria:	Question/Discussion
<ul style="list-style-type: none"> • Prepare for treatment • Initiate treatment • Monitor treatment • Verify treatment completion 	<ul style="list-style-type: none"> • Give me a summary of the process you would follow to prepare for/initiate/monitor or verify completion of the treatment you are being assessed in.



ATTACHMENT 1 IN-TRANSIT COLD TREATMENT

Competency Criteria:	Demonstration
Working effectively in an export environment	<ul style="list-style-type: none">• What WHS aspects should you consider when carrying out in-transit cold treatment?
Prepare for treatment	<ul style="list-style-type: none">• Outline the tasks you would need to undertake before proceeding with the treatment set-up.
	<ul style="list-style-type: none">• What instructional material do you need to be aware of and follow to carry out in-transit cold treatment tasks for the department.
	<ul style="list-style-type: none">• When the client gives you the RFP (NOI) what do you do with it?
Initiate treatment	<ul style="list-style-type: none">• Demonstrate how you would inspect the container and what you are looking for.• What information do you need to record from the container and where do you find this information?• How do you determine if there are mandatory pre-cooling requirements?• Why is it important to ensure fruit has been pre-cooled to the required temperature?• How do you determine if the fruit is down to the required temperature?• How would you ensure your thermometer is reading accurately?• What is your role in the calibration of the temperature sensors?• What are you looking for when you supervise the client?• When would you need to calculate a correction factor and how do you do this?



Competency Criteria:	Demonstration
	<ul style="list-style-type: none"> • How do you know how many sensors are required and where they must go in the container? • What would you do if the sensors had already been calibrated offsite by another Authorised Officer? • What would you need to ensure during the loading of the container? • Demonstrate how you would complete the <i>certificate of loading and calibration record</i> using an existing MICoR case and what you would do with it once it was complete. • What process would you follow if you were observing the calibration of sensors only?

Title: Candidate Advice TRE3001: Phytosanitary Treatments

Version Number	Date	Details of Amendment	Document Owner	Author
V1.0: TRE3001	02/04/2015	Release of Phytosanitary Treatments job function	Plant Export Operations Branch	Jacinta Copeland
V1.1: TRE3001	22/04/2015	Minor amendment to align with Work Instruction	Plant Export Operations Branch	Jacinta Copeland
V2.0: TRE3001	20/05/2015	Amendments to align with major policy changes in Work Instruction	Plant Export Operations Branch	Jacinta Copeland