



TRE3001.1: EXPORT PHYTOSANITARY TREATMENTS – IN TRANSIT 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

eLearning requirements:

- Plant Export Essentials
- Inspection of inspection of grain and plant products for export
- Inspection of horticulture products for export

Prerequisite requirements:

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



TRE3001.1: Export Phytosanitary Treatments – In transit 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 |



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| Competency Standard | | |
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| <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 |



TRE3001.1: Export Phytosanitary Treatments – In transit cold treatment

| Candidate Advice - Demonstration | |
|---|--|
| Competency name TRE3001.1: EXPORT PHYTOSANITARY TREATMENT – In Transit 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 initiating in-transit 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 initiation of treatment 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 initiating an in-transit cold treatment • Show me where you would find the in-transit cold treatment requirements for <insert country/commodity> • What instructional material do you need to be aware of and follow to carry out in-transit cold treatment tasks for the department? • When the client gives you the RFP what do you do with it? |
| 3. Initiate treatment | <ul style="list-style-type: none"> • Demonstrate how you would inspect the container and explain 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? |



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| Competency Criteria: | Demonstration |
|----------------------|---|
| | <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? • When would you need to calculate a correction factor and how do you do this? • 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 AO? • How do you supervise the loading of the container? • Complete the Certificate of loading and calibration record using a scenario provided and describe what you would do with it once it was complete • Describe the process you would follow if you were observing the calibration of sensors only |

| Title: Candidate Advice TRE3001.1: EXPORT PHYTOSANITARY TREATMENT – In Transit Cold Treatment | | | | |
|---|------------|---|--------------------------------|------------------|
| 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 |
| V3.0 TRE3001:1 | 10/04/2018 | Amendments to align with revised Work Instruction | Plant Export Operations Branch | IMT |
| V4.0 TRE3001:1 | 12/04/2021 | Amendments to align with the new Legislation | Plant Export Operations Branch | IMT |