



TRANSFER OF GRAPE MUST AND UNFILTERED JUICE FROM A PHYLLOXERA INFESTED AREA (PIZ) OR A PHYLLOXERA RISK AREA (PRZ) FOR WINEMAKING IN A PHYLLOXERA FREE AREA (PEZ)

REVISION REGISTER

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Ver 1	16 Mar 2000	All Pages	
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Ver 4	28 Feb 2006	Amend definition of 'filtered' and 6.6 (remove .05% solids).	To make consistent with National Protocol.

Authorised:

Leader, Market Access & Certification
State Quarantine Services

Controlled:



Uncontrolled:



A Business that is accredited for this Operational Procedure, will be issued with a copy of any revision to this procedure. Holders of uncontrolled copies of this document will not be automatically advised of any amendments or revisions. To check for any changes to this document, contact the Department of Primary Industries and Resources South Australia.

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1.0 PURPOSE

The purpose of this procedure is to describe -

- (a) the principles of operation and standards required for processing grapes in PIZ or PRZ into an approved product (grape must or unfiltered juice), the secure transport to a PEZ and the procedures required for receipt at the PEZ winery to avoid the escape of any live Phylloxera crawlers that may be present; and
- (b) the responsibilities and practices of personnel that apply to the procedures and responsibilities involved with an Interstate Certification Assurance (ICA) Arrangement covering the following:
 - primary processing facility (crusher) in a Phylloxera Infested Zone (PIZ) or Phylloxera Risk Zone (PRZ) undertaking, crushing, pressing, filtration, centrifuging, or sedimentation;
 - transport (carrier); and
 - secondary processing facility (Winery) in a Phylloxera Exclusion Zone (PEZ) for processing, through fermentation, into wine.

2.0 SCOPE

The scope of this Operational Procedure covers only nominated Businesses.

This Operational Procedure cannot be extended to Businesses without the permission of the Relevant Accrediting Authority in the importing State. This Operational Procedure can be applied to situations where the PIZ or PRZ and PEZ are all in the one State or are located in different States. However, each business must be accredited by the Accrediting Authority of the State in which the business is located.

It is the responsibility of each Business to lodge a completed application to the Accrediting Authority in the importing state. The winery must assume overall responsibility for the effective movement of product.

3.0 REFERENCES

National Phylloxera Management Protocol
Phylloxera Management Zone Maps

4.0 DEFINITIONS

Accredit	to accredit persons to issue Plant Health Assurance Certificates to meet interstate plant health requirements
Accrediting Authority	<ul style="list-style-type: none"> ▪ for South Australia, Department of Primary Industries and Resources South Australia, ▪ for New South Wales; NSW Department of Primary Industries, ▪ for Victoria; Department of Primary Industries Victoria, ▪ for Queensland; the Department of Primary Industries Queensland.
Accredited Businesses	<p>May Include:</p> <ul style="list-style-type: none"> ▪ primary processors in a Phylloxera Infested Zone (PIZ) or Phylloxera Risk Zone (PRZ); or ▪ transport companies in Phylloxera Infested Zone (PIZ), Phylloxera Risk Zone (PRZ) or Phylloxera Exclusion Zone (PEZ); or ▪ wineries in a Phylloxera Exclusion Zone (PEZ).
Accredited Winery	a winery, in a Phylloxera Exclusion Zone (PEZ), accredited to operate under the arrangements of ICA-22
Application for Accreditation	an Application for Accreditation by a Business for an <i>Interstate Certification Assurance (ICA) Arrangement</i>
Approved Products	commercial consignments of grape must or unfiltered juice.
Approved Destination	Wineries accredited by the <i>Relevant Accreditation Authority</i> to receive grape must and unfiltered juice.
Audit	an examination of the accredited operational system by Auditors in, or authorised by, the relevant Accrediting Authority to ensure compliance with the Arrangement, all Business will be audited on a regular basis.
Authorised Signatory	means a person who holds responsibility and authority to sign declarations on behalf of the accredited Business.
Business	the legal entity responsible for the ICA arrangement as detailed on the <i>Application for Accreditation</i> .
Carrier	mode of transporting applicable product to a winery.
Certification or Certificate	Means a valid Product Movement Declaration (PMD).
Certification Controller	the person who is nominated by the winery and has the overall responsibility for the effective operation of the procedures and movements by all participating businesses, as stated in this Operational Procedure.

4.0 DEFINITIONS (continued)

Consignment	a tanker load of grape must or unfiltered juice.
Crusher	a primary processing facility in the Phylloxera Infested Zone (PIZ) or Phylloxera Risk Zone (PRZ) which can undertake one or a number of processes including crushing, pressing grapes, settling, centrifuging or filtering, to produce grape must or fresh juice.
Filtered Juice	fresh juice processed through a filter that removes all particles larger than 50 microns.
Fresh Juice / Unfiltered Juice	the liquid fraction from must, excluding skins, seeds and other large solids, but may contain some suspended solids and for the purposes of this procedure includes clarified juice not filtered (at 50 microns).
ICA / Interstate Certification Assurance	means a national system of certification assurance developed to meet the requirements of State and Territory governments for plant health certification of produce for interstate and intrastate quarantine purposes.
Interstate Certification Assurance (ICA) Arrangement	an agreement between an accrediting ICA Authority and a Business, to accredit the Business, under specific conditions, to issue assurance certificates for a specified quarantine requirement or requirements.
Marc	the solids residue from pressing of must or of wine fermented on skins; contains skins, seeds, and possibly stems. Marc may contain grape sugar ('sweet' marc) or be fermented ('dry' marc).
Must	the total product of crushing grape berries, includes juice, skins, seeds, pulp and possibly some stems and leaves. In the context of this ICA, must can also include unclarified juice.
Nonconformance	a non-fulfilment of a specified requirement.
PEZ Phylloxera Exclusion Zone	a known and gazetted phylloxera free area, protected by regulation, including all of South Australia, Western Australia, Northern Territory and Tasmania, and other areas such as the Vine Protected Areas of north western Victoria and the Hunter-Mudgee-Central Tablelands and the MIA-Sunraysia-Mid Murray phylloxera free areas of New South Wales.
Phylloxera	all stages of the species <i>Daktulosphaira vitifolii</i>
PIRSA	the Department of Primary Industries and Resources South Australia

4.0 DEFINITIONS (continued)

PIZ Phylloxera Infested Zone	includes the declared Vine Disease Districts of Victoria and Phylloxera Infested Areas of New South Wales
PRZ Phylloxera Risk Zone	all areas other than a Phylloxera Exclusion Zone (PEZ) or a Phylloxera Infested Zone (PIZ)
PMD / Produce Movement Declaration	A declaration form used to verify the details and origin of the consignment of product from a Phylloxera Infested Zone (PIZ) or a Phylloxera Risk Zone (PRZ) to a Phylloxera Exclusion Zone (PEZ), which must accompany the consignment and be provided to the Transport Controller upon arrival.
Unfiltered Juice	the liquid fraction from must, excluding skins, seeds and other large solids, but may contain some suspended solids and for the purposes of this procedure includes clarified juice not filtered (at 50 microns).
Relevant Accrediting Authority	the Accrediting Authority in the state where the business is located
Tanker	any vehicle which is used to carry a consignment of product from a Phylloxera Infested Zone (PIZ) or a Phylloxera Risk Zone (PRZ) to a Phylloxera Exclusion Zone (PEZ)
Transport Controller	the person in the transport company with overall responsibility for ensuring the effective and safe transport of product from the Phylloxera Infested Zone (PIZ) or a Phylloxera Risk Zone (PRZ) to the Phylloxera Exclusion Zone (PEZ)
Transport Driver	the driver of the tanker carrying the product from the Phylloxera Infested Zone (PIZ) or a Phylloxera Risk Zone (PRZ) to the Phylloxera Exclusion Zone (PEZ). The driver is responsible for: <ul style="list-style-type: none"> • the completion of the transport details on the product movement declaration; and • fulfilling certain requirements (as detailed in this operational procedure) if a spillage occurs.
Winery	a secondary processing facility

5.0 RESPONSIBILITY

5.1 Accrediting Authorities

The following groups are recognised and authorised in their own State, as Accrediting Authorities under this Operational Procedure for ICA-22.

- South Australia
Primary Industries and Resources South Australia
- Victoria
Department of Primary Industries
- New South Wales
Department of Primary Industries
- Queensland
Department of Primary Industries Queensland

5.2 'Relevant' Accrediting Authority

'Relevant' Accrediting Authority means the Accrediting Authority in the state where the business is located. This Accrediting Authority is responsible for the accreditation of a business in that State. For example the crusher and transport company may be accredited by the Victorian Accrediting Authority and the Winery by the South Australian Accrediting Authority.

5.3 Responsibilities of the Businesses and the Staff of each Business

Please Note - The position titles used below, are suggested titles and have been selected to reflect the responsibilities of staff under this ICA arrangement. The actual positions may not be present in all Businesses. Different titles may be used for the staff who are responsible for the (following) listed tasks and in some Businesses one person may carry out the responsibilities of more than one position.

5.3.1 Winery (secondary processing facility)

The **Certification Controller** is responsible for:

- representing the Business during audits and other matters relevant to ICA accreditation;
- ensuring the Business has current accreditation for an ICA arrangement under this Operational Procedure;
- ensuring all (relevant) staff at the winery are trained to perform duties associated with handling the product, discharge of, and safe disposal of, product through spillage or as a by-product in the production of wine;
- ensuring the Business and its staff comply with their responsibilities and duties to enable the effective operation of all aspects of ICA-22;
- liaison with the relevant Accrediting Authority, including providing notification of any changes to details on the current application for accreditation and ensuring accreditation is renewed (annually);
- notifying the accrediting authority in the importing state of any problems;
- ensuring copies of the product movement declaration and process record, are filed securely;
- to ensure that the ICA operation manual is maintained current at each location;

- ensuring that inspection and cleaning equipment is available and operating effectively, at all appropriate locations;
- ensuring that tankers are inspected on arrival, for cleanliness and the sealing of valves and other openings;
- overseeing the ICA Arrangement and periodically conducting an internal audit, or in the event of a critical non-conformity, a detailed review of all aspects of the ICA procedures and implement any necessary corrective action.

The **Authorised Signatory**, reports to the Certification Controller and is responsible for:

- becoming conversant with the requirements of this Operational Procedure by attending training sessions and workshops;
- ensuring that all operations at the crusher are conducted effectively;
- ensuring that records on the origin of the grapes in each load, processing details and a copy of the product movement declaration (Appendix 1), are securely filed;
- ensuring the tanker is included under the accreditation of the carrier;
- inspecting tankers before signing the product movement declaration and only issue a declaration if the valves on the tanker are sealed and the exterior of the tanker is free of soil or plant residues;
- recording results of inspection on the product movement declaration;
- completing a product movement declaration for each consignment;
- checking the accuracy of details in the declaration;
- ensuring the original of the product movement declaration is handed to the tanker driver (after loading and cleaning of the truck), and a copy of the declaration is filed with other records; and

5.3.3 Transport (transport of product to the Winery)

The **Transport Controller** is responsible for:

- becoming conversant with the requirements of this Operational Procedure;
- ensuring all tanker drivers involved in the transport of product are aware of their responsibilities;
- ensuring that the transport operation is conducted effectively;
- ensuring that only vehicles which meet specification are used to transport product;
- ensuring that records for each consignment of the transport of product from a PIZ or PRZ to a PEZ are filed with a copy of the produce movement declaration;
- ensuring the effective containment and safe disposal of any spillage of product that occurs during transport, as per spillage protocol; and
- ensuring the accreditation of the business is current.

The **Tanker Driver** is responsible for:

- ensuring compliance with relevant specifications for the transport of produce;
- carrying, at all times of movement, a folder containing:
 - the Product Movement Declaration (PMD)
 - spillage protocols, ie what to do if a spillage occurs;
 - maps of phylloxera management zones;
 - contact details for the relevant personnel in the Crusher, Winery and Accreditation Authorities.
- travelling only by the approved route between the PIZ or PRZ and PEZ, or obtain prior approval from the transport coordinator and indicate the change and the reason for not following the approved route, on the product movement declaration;

- reporting all instances of spillage, on route, on the produce movement declaration, with immediate notification to the transport coordinator and the contact officer in the Accrediting Authority of any major spillage;
- fully and accurately completing the transport section of the product movement declaration and handing the produce movement declaration to an authorised officer at the Winery; and
- providing a copy of the Product Movement Declaration to the Transport Controller.

5.3.2 Crusher Plant (primary processing facility)

The **Certification Controller**, is responsible for:

- representing the Business during audits and other matters relevant to ICA accreditation;
- ensuring the Business has current accreditation for an ICA arrangement under this Operational Procedure;
- training staff, in particular the authorised signatory and transport controller, in their duties and responsibilities under this Operational Procedure and ensuring all (relevant) staff at the winery are trained to perform duties associated with discharge of, and safe disposal of, product through spillage or as a by-product in the production of wine;
- ensuring the Business and its staff comply with their responsibilities and duties to enable the effective operation of all aspects of ICA-22;
- liaison with the relevant Accrediting Authority, including providing notification of any changes to details on the current application for accreditation and ensuring accreditation is renewed (annually);
- notifying the accrediting authority in the importing state of any problems;
- ensuring copies of the product movement declaration and process record, are filed securely;
- ensuring the ICA operation manual is maintained current at each location;
- ensuring that inspection and cleaning equipment is available and operating effectively, at all appropriate locations;
- ensuring that tankers are inspected on arrival, for cleanliness and the sealing of valves and other openings;
- overseeing the ICA Arrangement and periodically conducting an internal audit, or in the event of a critical non-conformity, a detailed review of all aspects of the ICA procedures and implement any necessary corrective action.

The **Authorised Signatory**, reports to the Certification Controller and is responsible for:

- becoming conversant with the requirements of this Operational Procedure by attending training sessions and workshops;
- ensuring all relevant staff at the crusher are trained to perform duties particularly those associated with loading tankers and cleaning and safe disposal of spillage or residues;
- ensuring that all operations at the crusher are conducted effectively;
- ensuring that records on the origin of the grapes in each load, processing details and a copy of the product movement declaration (Appendix 1), are securely filed;
- ensuring the tanker is included under the accreditation of the carrier;
- inspecting tankers before signing the product movement declaration and only issue a declaration if the valves on the tanker are sealed and the exterior of the tanker is free of soil or plant residues;
- recording results of inspection on the product movement declaration;

- completing a product movement declaration for each consignment;
- checking the accuracy of details in the declaration;
- ensuring the original of the product movement declaration is handed to the tanker driver (after loading and cleaning of the truck), and a copy of the declaration is filed with other records.

6.0 PROCEDURE

6.1 Accreditation

6.1.1 Application for Accreditation

A Business seeking accreditation under this ICA arrangement can obtain an application and a copy of the Operational Procedure for ICA-22 (ie. this document) from the Relevant Accrediting Authority.

To be considered for accreditation, the business must provide the Accrediting Authority with a completed application which provides details of the business including details of persons nominated to act as certification controllers, transport coordinators, and authorised signatories, along with the necessary documents indicated below.

1. Authorised Signatory (crusher)

a plan of the crusher in the PIZ or PRZ showing the production flow from the entry of grapes into the establishment to the exit of loaded tankers.

The location of cleaning facilities for tankers must be indicated.

2. Transport coordinator (carrier)

specifications of the tankers used to transport the product with details of the proposed route;

3. Certification Controller (winery)

a plan of the winery in the PEZ showing the production flow from the receipt of the tanker to the disposal of residues from spillage of product from the tanker during discharge, or derived from the production process. The facilities used for cleaning trucks after discharge need to be shown.

Copies of (1) and (2) above.

The application from the business will be desk audited by the relevant Accrediting Authority to ensure it is complete. A training program will then be arranged prior to the preparation of an operational procedures manual by the Business that will indicate how the Business will operate to meet the requirements of the Interstate Certification Assurance(ICA) arrangement. The relevant Accrediting Authority will advise the applicant of any deficiencies in the operational procedures manual and any changes necessary to conform to the requirements.

The relevant Accrediting Authority will carry out an initial on-site audit/s of businesses in their state to ensure the operation is in accordance with procedures documented in the protocol. The on site audit of the winery will not be undertaken until the crusher and carrier have been accredited.

The accrediting authority will provide the carrier and/or crusher with a copy of the approved application form(s). The accredited carrier and/or crusher must send a copy of this with a copy of an approved plan of the crusher, or specifications of the vehicles to the certification controller at the accredited winery. This will be used by the

certification controller to compile the ICA operational procedures manual, which will also include the winery information specified above. The winery will submit this information to the Accrediting Authority, in their state, for desk and site audits.

At an on site audit, the auditor will interview staff and examine facilities, documents and other material to ensure that the system is in place and will operate effectively. If correct, accreditation will be approved by the Accrediting Authority and a unique Interstate Product Number (IPN) allocated. Prior to approving new applicants the Accrediting Authority must be assured that the certification controller, authorised signatory and transport coordinator, their deputies, and tanker drivers are familiar with the requirements of the protocol.

Prior to granting approval the ICA operations manual must be completed by the certification controller and approved by the Accrediting Authority in the importing state and controlled copies of the manual sent to the authorised signatory (crusher) and transport coordinator (carrier).

The relevant Accrediting Authority will undertake a program of regular audits of the businesses they have accredited. If a third party is authorised to conduct all, or part of these audits the relevant Accrediting Authority will audit provision of this service annually.

Where non-conformities are detected in any part of the protocol the relevant Accrediting Authority will implement corrective action and where necessary, provide a report to the Accrediting Authority in the importing state. A copy of this report will be sent to the certification controller by the Accrediting Authority in the importing state with instructions on the steps that need to be taken to correct the problems.

Relevant Accrediting Authorities will undertake, or participate with industry in conducting training of industry staff involved in this ICA Arrangement.

6.1.2 Renewal of Accreditation

Each business requires annual accreditation of this Operational Procedure by the relevant Accrediting Authority and it is the responsibility of the business to ensure they maintain current accreditation.

It is the responsibility of a business wishing to maintain/renew accreditation to resubmit their application annually, detailing any changes in responsibilities, or operation. However, before a winery seeks renewal it must determine that the crusher and carrier have recently renewed their accreditation and obtain copies of their approved application. A copy of these renewals should be included with the winery application.

6.2 Auditing / Auditor Responsibilities

The relevant Accrediting Authority will conduct audits according to ICA Procedures as indicated below to ensure compliance with ICA requirements;

Desk Audit and Initial Site Audit

Audits will be undertaken by an officer of the relevant Accrediting Authority.

Annual Compliance Audits

Compliance audits of accredited businesses will be undertaken each year. The auditor will contact the business prior to the date of the audit to arrange a suitable time. The authorised auditor will request that the certification controller, authorised signatory transport coordinator and their deputies, are present for the audit.

Unannounced Audits

If problems are suspected the Accrediting Authority may arrange for an auditor to undertake an unannounced audit of all, or part of ICA.

6.3 Auditing Procedure

At the audit the auditor will check that:

- the business has a current copy of the application for accreditation and the ICA manual;
- the business has allocated responsibilities and trained staff to understand and perform their responsibilities;
- the key staff, especially the certification controller, authorised signatory, and transport coordinator and their deputies, have a good knowledge of their responsibilities, product control and certification requirements;
- staff understand the risks phylloxera risks associated with the product and the reasons for the action that is required
- details on the application for the certification controller, authorised signatory and transport coordinator and their deputies, are current;
- the business has kept records for each consignment of processing in the PIZ or PRZ, transport and process in the winery.
- the ICA is being operated effectively.

Following each audit an audit report will be provided by the relevant Accrediting Authority to the business and other Accrediting Authorities involved in the protocol . The report will detail the nonconformity's, the corrective action required and the time frame for this action. The crusher and carrier will receive audit reports conducted on their businesses while a copy of all audit reports will be given to the winery by the Accrediting Authority in the importing state.

“Nonconformity” means the non compliance or non fulfilment of specific requirements. A critical nonconformity has the potential to seriously compromise the system, a major nonconformity can result in eventual system breakdown whilst a minor nonconformity is unlikely to cause problems unless there has been a change of circumstances.

6.4. Interstate Certification Assurance Arrangement

6.4.1 Purpose

This section will become a major component of the Operation Manual as it documents the procedures and responsibilities required of the winery, crusher and carrier accredited under this ICA arrangement. The winery will assume overall responsibility to ensure the effective day to day operation of procedures but individual businesses will be required to correct any non conformities identified by an Accrediting Authority. However, failure to do so could lead to the withdrawal of the ICA until the problems are corrected.

6.4.2 Scope

This ICA covers grape must (Red must, unclarified and sweet white juice) and clarified or unfiltered juice (unless previously filtered to exclude solids of 50 microns or greater), which originates from grapes grown in a PIZ or PRZ, which is processed in an accredited crusher in the PIZ or PRZ and transported in an approved manner and route by an accredited transport company, to an accredited winery in a PEZ.

The phylloxera infested zones (PIZ's) or phylloxera risk zones (PRZ) can be within a state, or in different states.

The arrangement cannot be extended to other products, or another business without the approval of the Accrediting Authority in the importing state.

6.4.3 Accreditation Procedures

A business wishing to consign approved product under this ICA arrangement must make application for accreditation to the relevant Accrediting Authority and provide:

(1) For the crusher(Appendix 1)

- a completed application which provides business details, nominates persons to act as an authorised signatory at the crusher, to makes declaration and assure the effective operation of the ICA. Deputies should also be nominated to provide a backup service for this position; and
- a plan of the crusher showing the product flow from the arrival of the grapes to the departure of the produce in the tanker. This needs to indicate the entry and exits and particularly the location of the tanker wash facility;

(2) For the Carrier(Appendix 2)

- a completed application which provides business details, nominates persons to act as a transport coordinator at the transport company, to assure the effective operation of the ICA arrangement. Deputies should be nominated to provide a backup service for this position; and
- details of the transport company and specifications of tankers and route.

(3) For the winery(Appendix 3)

- a completed application which provides business details, nominates persons to act as a certification controller, to assure the effective operation of the ICA arrangement. Deputies should also be nominated to provide a backup service for this position; and

- a plan of the winery showing the product flow from the receipt of the tanker to the disposal of residues from spillage of product from the tanker during discharge, or derived from the production process.
- Each business will be accredited by the relevant Accrediting Authority for a period of 1 year and issued with an Interstate Product Number. A copy of the approved application will be returned to the business.
- Should there be a need to nominate new a certification controller, authorised signatory, or transport coordinators, or their deputies, during the accreditation period, the business must supply the names and specimen signatures to the relevant Accrediting Authority and the certification controller. If there is a change of ownership, or a change in businesses providing any part of the system, then the relevant Accrediting Authority and the certification controller must be given prior notification and approval granted by both, prior to the movement of product under any new arrangements.
- An ICA operational manual covering all parts of the ICA will be compiled by the certification controller and a controlled copy issued to the crusher and carrier. The operations manual will consist of the information given in this section (section 6.4) and the information provided by businesses (Appendices 1, 2 & 3).
The certification controller will be responsible for notifying the transport coordinator and authorised signatory, with each officer responsible for updating their copy of the manual.

6.5 Requirements and Specifications

Product Specifications

Products covered by these procedures are must and clarified/unfiltered juice.

1 Specifications for Operations at the Crusher

- All systems will be evaluated on an individual basis.
- The crusher shall provide, as well as normal grape processing and cooling equipment:
 - a) a hard stand tanker-truck cleaning and inspection area, with sealed surface and wash down and drainage.
 - b) a dedicated tanker loading area, with a hard stand (sealed) surface.
- A multi purpose loading, cleaning and inspection area is acceptable. It is desirable that roadways for tankers be sealed (or at least properly formed with a hard surface) and be separated from roadways adjacent to vineyards and roadways used for carrying grapes from vineyards to the crusher.
- The grape receiving and processing area must be separated from the loading - dispatch point.
- Attention must be given to appropriate signs and notices to ensure proper use of designated areas, applicable speed limits and restricted access areas etc.
- Emphasis must be on containment and prevention of cross contamination.

2 Specifications for Carrier of Product

- Tanker - trucks must be in good condition, thoroughly clean and readily cleanable inside and out.
- Tankers must be able to be sealed effectively to prevent leakage or spillage of must or juice.
- Valves should enable tankers to drain dry after emptying and cleaning.
- Trucks shall be equipped with an effective means of mobile communication such as CB radio or mobile phone and should carry an alert folder or a sign indicating that they are carrying material potentially infested with a serious grape pest.

3 Specifications for Operations at the Winery

- The winery should have a dedicated unloading area, separated from traffic to and from local vineyards (eg path of trucks delivering grapes to the winery). The unloading area should have a sealed, hard surface with wash down cleaning facilities and drainage to a safe area (ie with no risk of infesting vineyards).
- Appropriate signs should be used to indicate designated areas and roadways, and controlled no-entry areas.
- Wineries receiving juice or must from a PIZ or PRZ must dispose of waste, including waste water, in a manner to promote containment and prevention of cross-contamination. Waster water systems must comply with EPA installation and operational guidelines for prevention of accidental spillage. A retention time of 72 hours minimum is required. Systems will be assessed on an individual bases by ICA accrediting authorities and will include examination, (if required), of underground delivery of waste water. Waste

material, other than water, must be to an area at least 500 m from any vines and remote from any traffic routes to and from vineyards or an equivalent secure disposal system. Engineered systems with design and operational measures to retain solids would allow for dispensation from the distance specifications.

- The winery is required to maintain adequate security of vessels to prevent accidental or malicious spillage of imported juice and must.

6.6 Process Control

1 At the Crusher

- Grapes grown in the PIZ or PRZ must be transferred directly to the crusher and are to be processed as follows:
 - 1) where it is intended to transfer whole must (eg from black grapes destined for red wine) , the grapes are crushed and destemmed.
 - 2) where it is intended to transfer juice, grapes may be crushed with or without de-stemming.
 - 3) where juice may not be fermented immediately by the purchaser, the juice must be clarified by centrifugation and/or filtration so that no particles larger than 50 microns are present.
- Must used for juice preparation is screened and pressed. The separated juice is settled, and may be centrifuged and/or filtered to produce clarified juice. Juice may be recovered from solids after cold settling, for example by filtration through a plate and frame lees filter or a rotary drum earth filter.
- Must and/or juice is loaded onto the transport tanker or bulk container in the designated loading area.
- The exterior of the tanker-truck must be cleaned by the tanker driver and be free of soil or plant residues, and is inspected and cleared by the authorised signatory before departure.
- The authorised signatory must also inspect to see that the valves of the tanker are sealed.
- The authorised signatory must complete a product movement declaration for each tanker load of product that leaves the crusher for a PEZ giving the original copy and a transport copy to the tanker driver to accompany the consignment.
- A copy of the product movement declaration must be filed with records on origin of grapes, their processing, loading and dispatch.

2 Transport

- Tankers entering the processor premises must travel by the specified roadways observing a 15 km speed limit, unless otherwise specified.
- Tankers are parked initially on the dedicated cleaning - inspection bay and both the inside and outside of tankers and trucks are thoroughly cleaned, using high pressure water and/or steam, and are then inspected. Special attention is given to ensure that the undersides, suspension, mudguards etc of tankers are totally free of soil and plant residues.
- Drivers must not enter vineyards or grape processing areas.
- Must, or juice is pumped onto the tanker. Any spillage or overflow is washed off to the disposal system.

- All tanks are effectively closed and sealed.
- The tanker is cleaned thoroughly.
- The tanker must be inspected by the authorised signatory for sealing of valves and other openings and cleanliness before departure. If it fails the inspection the driver must correct the problem to the satisfaction of the authorised signatory
- The driver will follow the approved route to the destination outside the PIZ or PRZ, but if this is not possible will indicate the variation to the route and the reasons for departure on the transport section of the product movement declaration. (The route should be as direct as possible, confined to hard surfaced (preferably sealed) roads and must totally avoid entry to vineyards or their immediate surrounds and be approved by the transport coordinator).
- The tanker must travel to the destination along the predetermined route.
- In the event of an accident and spillage of product en route;
 - 1) if the spillage is minor the driver must indicate this on the product movement declaration however,
 - 2) if the spillage is major and particularly on a roadway adjacent to vines, the driver is to contact the transport coordinator and the contact officer of the Accrediting Authority immediately to arrange containment and safe disposal, for example by absorbing spilled wine with sand and then removing to a disposal area at least 500 m from any vine.
- Drivers must use the specified roadway when entering the winery.

3 At the Winery

- Tankers entering the winery must travel by the specified roadways, to the dedicated unloading area, not exceeding 15 kph, or other specified speed limit.
- The tanker must be inspected for cleanliness (especially for any plant residues and soil) and adequate sealing of the tanks immediately upon arrival.
- Before unloading is commenced, the driver will complete the product movement declaration and give it to the certification controller, or an authorised employee, of the receiving winery to verify that the document is accurate and complete. The completed copy of the declaration should be retained and returned with any other documents related to the consignment to the transport coordinator.
- Discharge will vary depending on the product:
 - 1) Clarified juice is pumped from tanker to closed receiving vessels, or
 - 2) Unclarified juice is pumped to a closed fermentation vessel, or a heat concentrator
 - 3) Must is pumped directly to a closed fermentation vessel, or a heat concentrator
- Must from a PIZ or PRZ may not be separated into juice and sweet marc at the receiving winery.
- Any spillage is washed down into the waste disposal system
- The juice or must is fermented in closed vessels, with fermentation initiated within four hours of unloading.
- Where must is imported, it must be fermented:

- 1) for at least 4 days before separation of new wine from marc, or
 - 2) for at least 2 days before separation of new wine and marc, in which case the partially fermented marc must be kept separate from other marc and the press is emptied and cleaned before further use.
- The separated marc is fermented to dryness before removal either:
 - 1) for further processing by steam extraction and distillation or
 - 2) composting in a site at least 500 m from any vine.
 - The tanker must be cleaned inside and out with high pressure hoses and disinfested with hot water, or steam before it leaves the winery.
 -
 - Records on the origin of all must and juice, from a PIZ or PRZ, processing details, and disposal of marc must be retained and filed with the Product Movement Declaration for each tanker consignment of product.

6.7 Corrective Action

If minor operational problems are detected with these procedures, they should be directed by the authorised signatory or transport coordinator to the certification controller who must investigate the problem and take corrective action. If the problem is major, ie it is likely to compromise the effectiveness of the procedure it must be reported by the authorised controller, transport coordinator or certification controller, to the respective Accrediting Authority. If this is done by the authorised signatory or the transport coordinator then they should also inform the certification controller. The respective Accrediting Authority will investigate the circumstances and take corrective action in liaison with other Accrediting Authorities included in the ICA. If a critical non conformity is found no product must be moved from the PIZ or PRZ under the ICA until the problem is rectified.

Each Accrediting Authority will undertake a program of auditing, and report on corrective action that needs to be taken. Copies of the audit and follow up reports must be sent to the other Accrediting Authorities and the certification controller informed by the Accrediting Authority in the importing state. If any of the business involved in the ICA fail to take corrective action the entire arrangement will be suspended until the winery can demonstrate that they have re established effective procedures.

6.8 In-process Identification and Traceability

The original, or a copy, of an uniquely numbered Product Movement Declaration should be filed with relevant processing, transport and receipt documents held by the crusher, transport company and winery. An adequate filing system should be established and maintained by the crusher, transport company and winery to allow ease of traceback or traceforward.

6.9 Documentation Control

The crusher must retain:

- a copy of the current operational manual; and

- records on the origin of fruit in a consignment and its processing prior to dispatch; and
- copies of the product movement declarations.

The transport company must retain:

- a copy of the current operational manual; and
- records on the transport of each consignment; and
- copies of the product movement declarations.

The winery must retain:

- a copy of the current operational manual; and
- records on the receipt, processing and disposal of residues from consignments; and
- copies of the product movement declarations.

The copies of all these records must be kept in a secure location for a period of not less than two (2) years for audit purposes.

6.10 Training

The certification controller, transport coordinator and authorised signatory and deputies nominated on the Application for Accreditation must receive instructions on ICA procedures and responsibilities from a relevant Accrediting Authority, or an approved provider.

The certification controller, transport coordinator and authorised signatory must ensure that key staff are aware of their responsibilities and purpose of the procedures used in the ICA.

The accredited business must include a training register in their ICA manual detailing staff training related to the operation of the ICA.

6.11 Auditing Procedures

All participants will be subject to compliance audits by the relevant Accrediting Authority, or persons authorised by the Accrediting Authority, each year. Participants will be contacted prior to the date of the audit to arrange a suitable audit time. The certification controller, transport coordinator and authorised signatory and their deputies must be present at the audit.

However, any detection of problems with declarations, or produce can result in the consignment being detained pending processing re export back to a PIZ or PRZ, or destruction. These incidents would require a follow up audit of the winery and/or the transport pathway and crusher.

At the audit the auditor will check that:

- the business has a current copy of the application for accreditation and the ICA manual;
- the business has allocated responsibilities and trained staff to understand and perform their responsibilities;
- the key staff, especially the certification controller, transport coordinator and authorised signatory and their deputies, have a good knowledge of their responsibilities, product control and certification requirements;

- staff understand the phylloxera risks associated with the product and the reasons for the action that is required;
- details on the application for the certification controllers transport and authorised signatory are current;
- the relevant business has kept records for each consignment of product processed in the PIZ or PRZ, it's transport and processing in the winery;
- the ICA is being operated effectively.

Following each audit, an audit report will be provided to either the authorised signatory, transport coordinator or certification controller. This report will detail the nonconformity, the corrective action required and the time frame for corrective action. If the audit was on the crusher or the carrier, a copy of this report must be sent by either the authorised signatory or transport coordinator to the certification controller.

The relevant Accrediting Authority will provide other Accrediting Authorities in the ICA with audit and follow up reports and liaise with them in implementing corrective action. The Accrediting Authority in the importing state will liaise with the certification coordinator on corrective action.

6.12 Sanction Policy

If a business seriously fails an audit, or fails to carry out corrective action then the business will have its accreditation suspended by the relevant Accrediting Authority and the movement of product under the ICA arrangement will be suspended by the relevant Accrediting Authority. Accreditation will not be reinstated until the winery can demonstrate effective procedures are in place.

The action that is followed will depend on whether the non-conformities that are detected are critical, major or minor in nature:

- 1) a critical non-conformity, such as incorrectly manifested product, product from a non accredited business, inadequate control of spillage, or residues, or failure to adequately clean/disinfest tankers and discharge areas, will lead to immediate suspension of accreditation of the offending business and movement of product under the ICA.
- 2) a major non-conformity such as inadequate control of processing, or unauthorised departure from an approved route, will lead to a Corrective Action Request being issued and a major audit scheduled within 7 days. Failure to correct the problem will result in suspension of accreditation of the offending business and movement of product under the ICA.
- 3) a minor non-conformity such as incomplete records, will lead to the issue of Correction Action Request, but if the business fails to correct within a nominated period then the certification controller must be informed of the problem by the Accrediting Authority in the importing state and requested to correct the problem. If this fails the offending business will have its accreditation withdrawn and movement of product will be suspended until the winery can demonstrate that effective procedures are in place to operate the ICA.

6.13 Notices of Suspension or Withdrawal of Accreditation

Notices of any suspensions or cancellations of accreditation will be given in writing to the businesses by the relevant Accrediting Authority, stating the reasons and the procedures for appealing the decision.

Each Accrediting Authority will establish appeal provisions to consider suspension of a business. In the first instance the business should contact the relevant Accrediting Authority to establish what they need to do to have the decision reconsidered.

Since the ICA is a voluntary arrangement a business can withdraw at any time, by writing to the relevant Accrediting Authority.

6.14 Charging Policy

Charges determined by the relevant Accrediting Authority will be levied for the provision of services under this ICA. Businesses should contact their local State Accrediting Authority to determine the charges that would apply.

PIRSA ICA contacts are as follows;
Phone (08) 81685 200
Correspondence to 46, Prospect Rd, Prospect 5082
ICA web site www.pir.sa.gov.au/ica
Email cox.gary@saugov.sa.gov.au

APPENDIX 2

DOCUMENTATION FOR CARRIER

CARRIER DETAILS

Specifications

The Transport Company that carries the product from the PIZ or PRZ to the PEZ must meet, or provide equivalent specifications, to those listed below. The capability of the business and its vehicles to meet these specifications should be clearly indicated.

Tanker - trucks must be in good condition, and readily cleanable inside and out.

Tankers must be able to be sealed effectively to prevent leakage or spillage of must or juice.

Valves should enable tankers to drain dry after emptying and cleaning.

Trucks shall be equipped with an effective means of mobile communication such as CB radio or mobile phone and should carry a sign indicating that they are carrying material potentially infested with a serious grape pest.

The following equipment owned by.....will be used to carry product between the crusher and winery.

Prime Mover Registration	Method of Communication	Tanker Identification	Meet specifications
			Yes/No
			Yes/No
			Yes/No
			Yes/No
			Yes/No
			Yes/No

APPLICATION FOR ACCREDITATION OF A BUSINESS FOR AN INTERSTATE CERTIFICATION ASSURANCE (ICA) ARRANGEMENT

Complete this Application and return to Plant Health Operations, 46 Prospect Rd, Prospect SA, 5082 along with a completed Property Approval Form for your facility site and each property that will supply produce to be certified under this arrangement.

Type of application being made (Tick one box) : **Renewal** **New** **Amendment**

NOTE: This application can only cover one Operational Procedure (ICA arrangement) at one Facility

Has Business previously been registered for interstate movement of produce? Yes No
If yes, provide the Business's Interstate Produce (IP) Number

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Operational Procedure / Arrangement

Reference Number Title of Operational Procedure

ICA	2	2	Transfer of Grape Must and Unfiltered Juice From a PIZ or PRZ for Winemaking in a Phylloxera Exclusion Zone (PEZ).			
Tick part(s) for which accreditation is sought (if applicable)			Crusher	Transport	Winery ✓	

Business Name / Trading Name(s) of Business (Names or brands shown on produce packaging)

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Type of Ownership of Business. (Tick one box)

Individual **Partnership** **Incorporated Company** **Cooperative Association**
Other (specify)

Names of Applicant(s)

Print your full name and names of any partners in usual order. For incorporated companies and co-operatives print the full name of the legal entity.	
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Australian Business Number (ABN),
Aust Company Number (ACN), or
Aust Registered Body Number (ARBN)

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Companies must provide their Australian Company Number (ACN) or Australian Registered Business Number (ARBN) and attach a copy of the Certificate of Incorporation to this application

copy of *Certification of Incorporation* attached.

A Co-operative Association must provide Certificate or Registration as appropriate proof of registration

copy of *Certificate of Registration* attached.

Postal address of the Business (where all correspondence will be sent)

	Mobile
Postcode	Telephone (.....)
Email:	Facsimile (.....)

Location of the Business Facility (Street address, lot number or section number)

	Mobile
Postcode	Telephone (.....)
Section Hundred	Facsimile (.....)
Email Address	

Section/Hundred numbers are available from your council rate notice

Authorised Signatories for signing Assurance Certificates

	Family Name	Given Name(s)	Specimen Signature
Certification Controller			
Back-up Certification Controller			
Additional Authorised Signatories			



APPLICATION FOR ACCREDITATION OF A BUSINESS FOR AN INTERSTATE
CERTIFICATION ASSURANCE (ICA) ARRANGEMENT

Plants, Produce or Associated Equipment to be treated under this ICA Arrangement

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Certification Assurance System Records

To verify that the business is carrying out the necessary responsibilities and duties, records must be maintained in accordance with the examples within the Operational Procedure, unless you apply to use alternative or additional records/method below and are granted permission.

I hereby apply for permission to use the following alternative or additional records, as listed below.

Accreditation Conditions

For the purposes of this agreement the following definitions shall apply:

Applicant the person, cooperation or other legal entity who is accredited under this agreement

Inspector an inspector appointed under the Fruit and *Plant Protection Act 1992*

Department Primary Industries and Resources South Australia

Interstate Certification

Assurance (ICA) system the processes, equipment, personnel & resources used to implement the Operational Procedure

For the purposes of this agreement the following conditions shall apply:

The applicant must maintain and operate the interstate certification assurance system in accordance with the Operational Procedures and must maintain the relevant records.

The applicant will, upon request, allow an inspector to enter any premises where product certified under the agreement is treated or dispatched, or where any product, equipment, chemicals, documents or records are stored.

The inspector may inspect or take samples of any relevant item present on the premises at the time of this search.

The applicant must take all steps to assist an inspector in the conduct of audits, including allowing the inspector to interview any employee of the applicant in relation to the implementation of the interstate certification assurance system.

The applicant authorises the persons listed as Authorised Signatories on this application to issue certificates on his or her behalf.

The applicant agrees to pay to the Chief Executive of the Department any costs associated with the conduct of audits by an inspector. The applicant will be notified of these costs at the time of accreditation.

The applicant agrees to relinquish unused Plant Health Assurance Certificate books (or parts thereof) to the ICA Contact Officer on withdraw, suspension or cancellation of accreditation.

The applicant hereby agrees to abide by the accreditation conditions listed above and acknowledges that any accreditation is granted subject to those conditions and certifies that all of the information contained in this application is true and correct.

Name in Full (please print)	Partner / Director etc	Signature	Date
			/ /
			/ /
			/ /
			/ /

Note: Where applicants are members of a partnership, each partner must sign the application.

For Corporations/Associations with more than one Director, two Directors must sign or a Director and Company Secretary.

You, All Partners, or 2 Directors have signed above. Certification of Incorporation / Registration attached ABN provided

Authorised Signatories have signed page 1. Type of ownership indicated

Office Use Only

DESK AUDIT	Passed	Not Passed because
.....		
Alternate record-keeping granted	Yes	No
..... / /
Name of Desk Auditor (please print)	Signature of Officer	Date

ACCREDITATION EXPIRES ON

PIRSA STAMP

SAMPLE PMD

Original (white) Receiving Winery - Duplicate (Yellow) Transport Company - Triplicate (Blue) Crushing Operator

PRODUCT MOVEMENT DECLARATION FOR PRODUCT PROCESSED AND TRANSPORTED FROM A PIZ & PRZ FOR WINEMAKING IN A PEZ	Certificate Number:
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Certification Details:

1.0 Primary Processor (Crusher): To be completed by the authorised signatory

Name, address and IPN of Crusher Consigning Produce:	
IPN:	

1.1 Details of Carrier and Receiving Winery

Carrier Name and Tanker Registration	Name and Address of Receiving Winery
IPN:	IPN:

1.2. Consignment Description

Product Type (please tick appropriate box)	Quantity
<input type="checkbox"/> Must <input type="checkbox"/> Fresh Juice <input type="checkbox"/> Clarified Juice <input type="checkbox"/> Filtered Juice <input type="checkbox"/> Wine <input type="checkbox"/> Grape Marc	

1.3 Declaration - Crusher

I, as an Authorised Signatory of accredited business that processed the grapes hereby declare that the grapes were grown in the Vine Disease District of..... and processed into red must white must Fresh Juice Clarified Juice Filtered Juice Wine (please tick appropriate box) and that I have inspected the tanker and it's valves are sealed and the exterior of the vehicle is free of soil, and plant residues.

Name of Authorised Signatory	Signature	Date
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2.0 Carrier

2.1 Deviation from Approved Route

Specify Departure from Route	Reasons
Approved by Transport Coordinator Yes / No	Date:

2.2 Spillage Report

Specify Details of any Spillage on Route	Follow up Action

2.3 Declaration - Transport Company

I, as an Authorised Driver of the accredited business that carried this consignment, Number..... hereby declare that I either travelled by the approved route between the crusher and the winery, or by a modified route as indicated in section 2.1 and either no spillage occurred, or if it did details have been entered in section 2.2

Truck registration no: Trailer(s) registration no:

Name of Authorised Driver	Signature	Date
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2.4 Declaration - Receiving Winery

I, as an Authorised Signatory of the accredited business that received this consignment of red must white must Fresh Juice Clarified Juice Filtered Juice Wine (please tick appropriate box) hereby declare that the consignment was processed accordingly as stipulated in the operational procedure.

Name of Authorised Signatory	Signature	Date
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