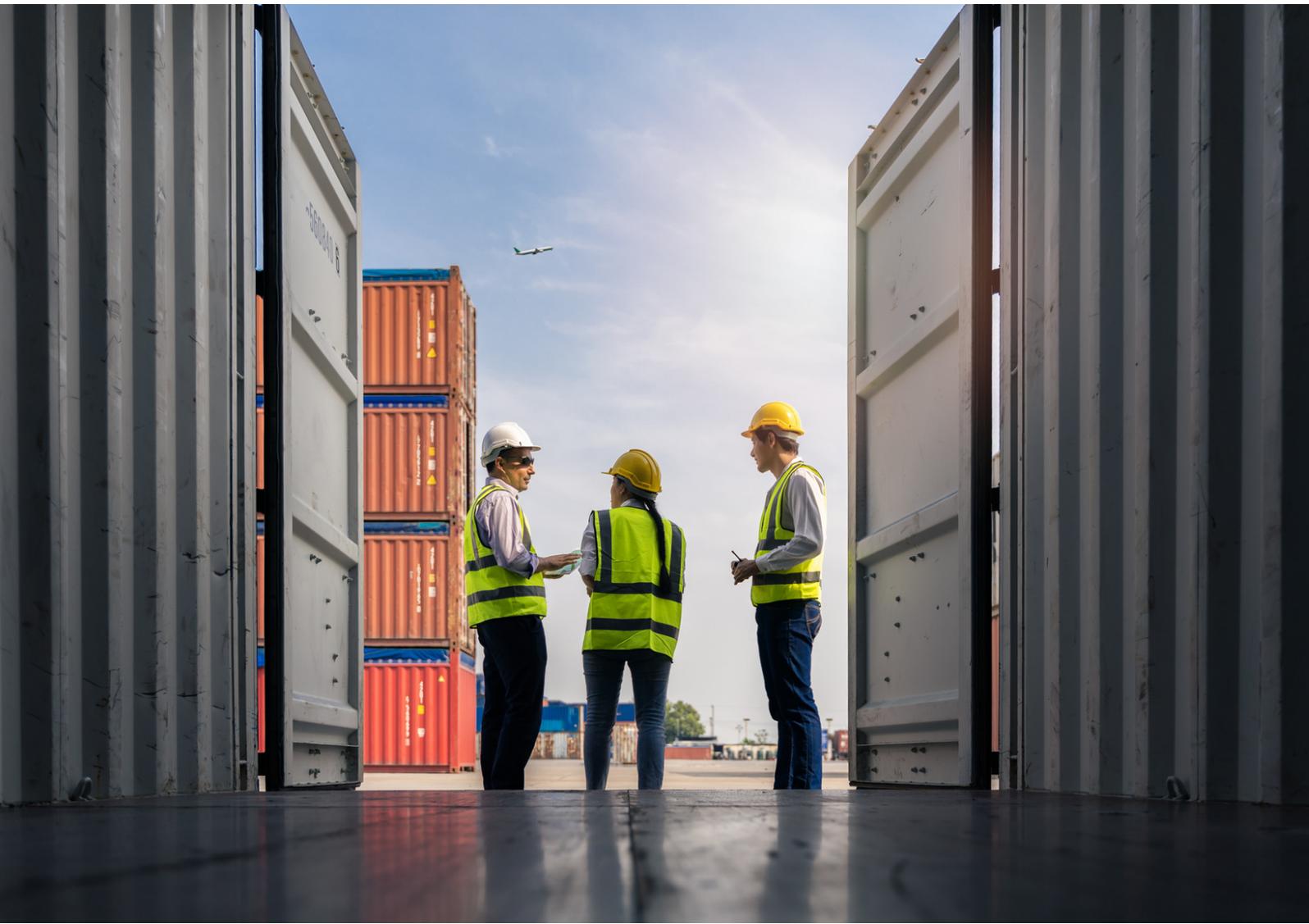




Your Guide to Heat Treatment Fact Sheet



TREATMENT FOR GENERAL COMMODITIES

To ensure adequate treatment and regulation of cargo into Australia, the following guidelines must be adhered to when completing heat treatments at origin.

Caution: Phytosanitary Certificates are required to validate treatment of commodities by Heat in most countries. This is different to heat treatment for BMSB. The incorrect treatment will result in the shipment needing to be retreated, inspected or, in certain cases re-exported.

Sulfuryl Fluoride – Under Caution

The dosage rates and document validation requirements for Sulfuryl Fluoride treatment vary for treatment of commodity, BMSB and for different countries.

The incorrect treatment will result in the shipment needing to be retreated, inspected or, in certain cases re-exported.

Methyl Bromide

Incorrect treatment will result in the shipment needing to be retreated, inspected or, in certain cases re-exported.

Heat Treatment

Incorrect treatment will result in the shipment needing to be retreated, inspected or, in certain cases re-exported.

A heat treatment certificate and supporting Phytosanitary certificate must be produced and clearly show:

- Evidence that the goods have been heated at a minimum temperature of 56 °C for 30 minutes, measured at the core of the goods.
- Oversize timber and logs (exceeding 200mm in all directions) need a Phytosanitary Certificate in all cases.

Heat treatments are only accepted when:

1. Performed by treatment providers accredited under a Department of Agriculture, Fisheries and Forestry and recognised government accreditation program and accompanied by an acceptable pre-shipment treatment certificate as outlined by region below.
or
2. In all other cases when endorsed by an Official Government Phytosanitary Certificate.
3. For shipments containing wooden commodities ex Italy, if Heat treatment is done and documented on a Phytosanitary certificate. An alternative option would be to treat the commodity with Permethrin.



CANADA

The certificate used for export to Australia is the Heat Treatment Certificate for Countries Other than European Union.



UNITED KINGDOM

Providers accredited under the United Kingdom Wood Marking Program administered by the Timber Packaging and Pallet Confederation (TIMCON).



USA

Providers accredited by the United States Department of Agriculture (USDA) authorised American Lumber Standard Committee (ALSC).



FRANCE

Providers accredited under the Programme for the Phytosanitary Conformity of Wood Packaging for Export Use (developed by the French Ministry of Agriculture, Food, Fisheries and Rural Affairs) which is administered regionally through the Regional Directorates of Agriculture and Forests / Regional Plant Protection Departments (DRAF/SRVP).

Note: A website containing a list of the registered companies is unavailable. Treatment certificates that include the name of the above recognised programme, registration number assigned to the provider and the appropriate treatment details are acceptable to the Department of Agriculture, Fisheries and Forestry.



NETHERLANDS

Providers accredited under the Netherlands Wood Packaging Marking Programme administered by Netherlands Foundation for Marking Wood Packaging Materials (SMHV). (Stichting Markering Houten Verpakkingen).

Note: The website is in Dutch only, to view registration numbers and providers please select 'Geregistreerden' then 'Overzicht geregistreerden op registratienummer'.

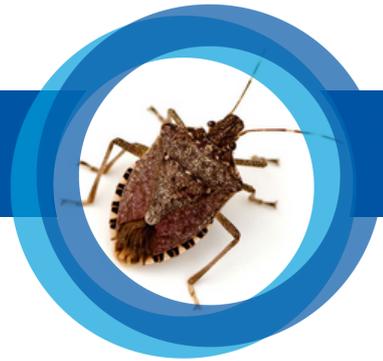
The treatment certificate and Phytosanitary Certificate must contain a statement that the 56°C temperature for 30 minutes was measured at the core of the goods to be valid. It is also advisable that the thickness of the timber be noted on the certificate or Phytosanitary Certificate, particularly for oversize timber.

Alternative treatment options include:

- Methyl Bromide
- Sulfuryl Fluoride
- Kiln Drying
- Permethrin

All treatments must be performed within 6 calendar months of the date of export.

HEAT TREATMENT FOR BMSB ONLY



Heat treatment by BMSB approved treatment providers can still be done at 56°C or higher at the coldest surface of the goods, for a minimum of 30 minutes. BMSB treatment does not need to be supported by a Phytosanitary Certificate.

Alternative option for Heat Treatment of Break Bulk for BMSB:

- Alternative option for individual goods weighing less than 3000 kg shipped as break bulk only;
- 60°C or higher at the coldest surface of the goods, for a minimum of 10 minutes.

Note: Individual goods shipped as break bulk weighing less than 3000kg treated at 60°C for 10 minutes require evidence within shipping documentation that they are less than 3000kg for these treatments to be accepted.

