



Rovin Corporation

FHAT Fumigation / Heat Treatment Service

What is FHAT?

FHAT means **Forced Hot Air Treatment**. It is a controlled heat-treatment process used for wooden pallets, boxes, crates, dunnage and other wood packaging material used in export shipments.

In this process, wood packaging is placed inside a treatment chamber where hot air is circulated until the wood core reaches the required temperature for the required time. Under ISPM 15, heat treatment is an approved phytosanitary measure for wood packaging material.

ISPM 15 approved heat-treatment method



Why it is mandatory

Many countries require ISPM 15 compliance for wood packaging used in international trade because untreated wood can carry insects, larvae, fungi and other quarantine pests from one country to another. The purpose of FHAT or other approved treatment is to kill these pests and reduce the biosecurity risk associated with export packaging.

When wood packaging does not meet the importing country's rules, shipments may face delay, detention, rejection, re-export, destruction or additional treatment at destination. For exporters, compliant treatment protects both cargo movement and customer credibility.

How FHAT works

- Wood packaging is loaded into the treatment chamber.
- Forced hot air circulates evenly around the load.
- Temperature sensors monitor the wood core.
- The treatment cycle continues until the required standard is achieved.
- After successful treatment, compliant marking is applied as per the approved system.

ISPM 15 requirement

ISPM 15 recognizes heat treatment for wood packaging, generally requiring the wood core to reach at least **56°C for a minimum of 30 minutes**. The packaging must also carry the approved compliance mark.

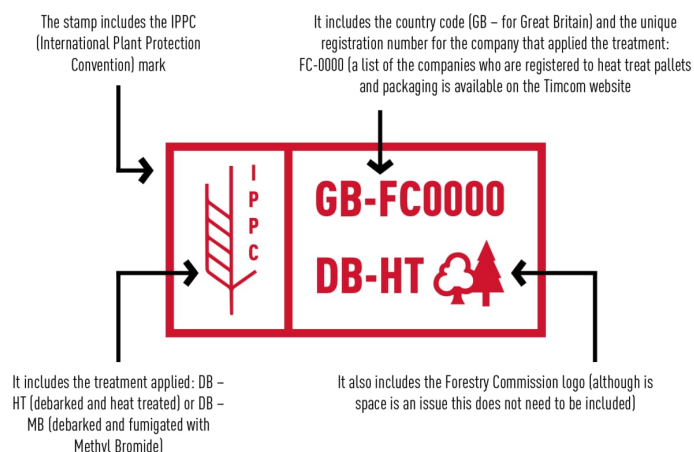
Heat treatment and official marking together are what make wood packaging recognizable as compliant in international trade.

What the client should look for

Point	What it means
ISPM 15 compliant treatment	The wood packaging has been processed using an approved phytosanitary treatment method for export use.

Visible IPPC / HT mark	The pallet or box should carry the recognized mark that shows country code, facility code and treatment code.
Proper traceability	The treatment provider should maintain treatment records, operating controls and batch traceability.
Clean packaging condition	Packaging should be dry, structurally sound and free from bark, live infestation and contamination.

ISPM15: HEAT TREATED PALLET / WOODEN PACKAGING



Understanding the mark

An ISPM 15 mark on the pallet or wooden box is the most important visual sign of compliance. It usually includes the IPPC symbol, country code, treatment code such as HT, and a facility identification number.

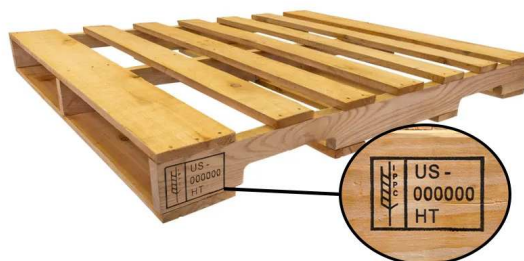
In many markets, a certificate alone is not enough if the wood packaging itself is not properly marked. Buyers and exporters should therefore verify the physical mark before dispatch.

Benefits of FHAT service

- Helps exporters comply with import regulations for wooden pallets and packaging.
- Reduces the risk of shipment rejection, quarantine action and border delays.
- Supports cleaner, more professional export packaging presentation.
- Provides a practical alternative to chemical fumigation for many applications.
- Suitable for pallets, crates, boxes, dunnage and other solid wood packaging used in export logistics.

Typical industries served

- Engineering and industrial machinery exports.
- Auto parts and metal component shipments.
- Pharma, chemicals and manufacturing goods.
- Food-processing equipment and general export cargo.
- Any exporter using wooden pallets, crates or boxes for overseas dispatch.



Website-ready client message

Rovin Corporation offers FHAT treatment support for export wood packaging so that businesses can move cargo with better compliance confidence. If your shipment uses wooden pallets, boxes, crates or dunnage, proper heat treatment and compliant marking are essential before export dispatch.

For export-ready packaging support, clients should confirm treatment scope, batch planning, marking requirements and destination-market compliance before shipment.

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