International Plant Protection Convention
International Standard for Phytosanitary Measures 15 (ISPM 15)

Guidelines for Regulating the Wood Packaging Material (WPM) Standard in the Transport of Commodities

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International Plant Protection Convention (IPPC)

- A multilateral international treaty dealing with preventing the spread and introduction of plant pests
- 184 Signatory governments
- Food and Agriculture Organization (FAO) of the United Nations
- Harmonizes the requirements between signatory countries
- Each member country is responsible for their own regulation and implementation
ISPM 15 REVISIONS

• **2006 CPM 1** -- modifications to MB fumigation schedule

• **2009 CPM 4** -- inclusion of debarking requirements; change in MB presentation tables; removal of extraneous information from the mark

• **2013 CPM 8** – revision of debarking tolerances, MB fumigation temperature ranges and, and DH treatment requirements were set

• **2018 CPM 13** -- inclusion SF fumigation and revision of DH section
Specific Components of the ISPM15 Standard

Methyl Bromide (MB) treatment requires official program with official marks and oversight by the NPPO

<table>
<thead>
<tr>
<th>Temperature</th>
<th>Dosage rate</th>
<th>2 hrs</th>
<th>4 hrs</th>
<th>12 hrs</th>
<th>24 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>21°C or above</td>
<td>48</td>
<td>36</td>
<td>31</td>
<td>28</td>
<td>24</td>
</tr>
<tr>
<td>16°C or above</td>
<td>56</td>
<td>42</td>
<td>36</td>
<td>32</td>
<td>28</td>
</tr>
<tr>
<td>10 °C or above</td>
<td>64</td>
<td>48</td>
<td>42</td>
<td>36</td>
<td>32</td>
</tr>
</tbody>
</table>
Specific Components of the ISPM15 Standard cont'd

HEAT TREATMENT:

- Wood Packaging Material heated to a minimum wood core temperature of 56°C for minimum of 30 minutes.

- Required by the standard to be an official program with official marks and official oversight by the NPPO
Import Permit

HEAT-TREATED LUMBER

- Heat treat in accordance with HT treatment T314-c -- to 71.1 degrees Celsius, minimum core temperature, and maintained for a minimum of 75 minutes;

OR

- Heat treat with moisture reduction to 71.1 degrees Celsius, minimum core temperature, and maintained for a minimum of 75 minutes, with moisture reduced below 20%.
Basic Concerns

- Treatment Failure
- Poor Repair or Remanufacture Procedures
- Fraud
- Untreated
Compliant WPM

- Valid and legible IPPC logo
- No presence of WPM pests
- Bark within the approved limits
INDUSTRY OUTREACH

Partnering with industry to highlight concerns and perform webinar outreach:

• Marking
• Bark limits
• Pest damage
• Improving compliance
• Information Resources
Examples of Compliant IPPC Logos

Stamp

Stencil

Brand
Examples of Non–Compliant IPPC Logos

Inappropriately marked WPM
Examples of Non–Compliant WPM

Bark
Indicators of WPM Pest Presence

- Exit Holes
- Frass
- Feeding Damage
- Exit Holes
Indicators of WPM Pest Presence (Continued)

Frass
Non–Compliant WPM

Infested with pests
What can you do to comply with ISPM 15?

• Ask your WPM provider if they are ISPM 15 compliant and accredited. Review the certification provided by the National Plant Protection Organization (NPPO).

• Provide information on the ISPM 15 standard.

• Provide websites and contact information regarding how to become compliant. The NPPO will have information on the local program.

• Require ISPM 15 compliance in the contract.

• Inspect the WPM for signs of pest when delivered or before use.

• Do a cost benefit analysis if considering alternatives to WPM.

• Realize there is a $ cost $ for noncompliance (penalties, demurrage, re-export costs, and production delays.)
Resources

Wood Import Issues

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ISPM 15 web address

• ISPM_15_2018_En_WoodPackaging_Post-CPM13_Rev_Anne
   x1and2_Fixed_2019-02-01.pdf (ippc.int)

USDA; APHIS WPM information

• USDA APHIS | Wood Packaging Material

NPPO contact information by country. Select the country of interest to display the contact information

• Countries List: Countries - International Plant Protection Convention (ippc.int)
For additional questions, please email: 
john.t.jones@usda.gov

Thank you!