

The phytosanitary certification of Heat Treated (HT) and Kiln Dried (KD) wood has been inconsistent due to a variety of practices applied to the export certification of such products. For example, KD/HT treatments have previously been verified based on: the MOU established between PPQ and the American Lumber Standard Committee (ALSC); Mill Certification Programs; affidavits; or other documentation provided by the exporter. The purpose of this document is to clearly outline options for phytosanitary certification, provide appendixes illustrating examples of KD and HT Inspection Company Marks, and ultimately to eliminate inconsistencies with addressing HT/KD information on phytosanitary certificates.

The following procedures are acceptable for issuing phytosanitary certificates and recording the HT/KD treatment in the Disinfestation and/or Disinfection Treatment section of the phytosanitary certificate:

KD Verification:

1. Hardwood

- a. An ACO will conduct a visual inspection, verify the KD marks on the wood, and measure the moisture content to ensure it is below 20%. The marks must be from companies listed in Appendix 1.

OR

- b. A facility operates under the MOU PPQ has with the National Hardwood Lumber Association (NHLA); Phytosanitary certification is based on the treatment certificate provided by the facility (See Appendix 2). Shipments are subject to random phytosanitary inspection.

OR

- c. An ACO verifies the treatment meets the required temperature and duration at the facility. The facility must provide a copy of a kiln certification performed in the previous year and validation of low moisture content. Phytosanitary certification is based on the treatment certificate, the ACO's verification of treatment, recorded results, and the provided validation of moisture content.

2. Softwood

- a. An ACO will conduct a visual inspection, verify KD marks on the wood, and measure the moisture content to ensure it is below 20%. The marks must be from companies listed in Appendix 1.

OR

- b. An ACO verifies the treatment meets the required temperature and duration at the facility. The facility must provide a copy of a kiln certification performed in the previous year and validation of low moisture content. Phytosanitary certification is based on the treatment certificate, the ACO's verification of treatment, recorded results, and the provided validation of moisture content.

Example of the Disinfestation and/or Disinfection Treatment section on the PC:

DISINFESTATION AND/OR DISINFECTION TREATMENT	
1. DATE (1) N/A	2. TREATMENT Kiln dried
3. CHEMICAL (active ingredient) *****	4. DURATION AND TEMPERATURE 4-45 Days 100-180 °F
5. CONCENTRATION *****	6. ADDITIONAL INFORMATION < 20% moisture

HT Verification:

1. Hardwood

- a. A facility operates under the MOU PPQ has with the National Hardwood Lumber Association (NHLA); Phytosanitary certification is based the treatment certificate provided by the facility; stipulating the heat treatment (See Appendix 2). Shipments are subject to random phytosanitary inspection.

OR

- b. An ACO verifies the treatment meets the required temperature and duration at the facility. The facility must provide a copy of a kiln certification performed in the previous year and validation of low moisture content. Phytosanitary certification is based on the treatment certificate, the ACO’s verification of the treatment and recorded results.

2. Softwood

- a. An ACO will conduct a visual inspection and verify the HT marks on the wood. The marks must be from companies listed in Appendix 4.

OR

- b. A facility operates under the MOU PPQ has with the lumber grading agencies (See Appendix 3); Phytosanitary certification is based the treatment certificate provided by the facility (See Appendix 5). Shipments are subject to random phytosanitary inspection.

OR

- c. An ACO verifies the treatment meets the required temperature and duration at the facility. The facility must provide a copy of a kiln certification performed in the previous year and validation of low moisture content. Phytosanitary certification is based on the treatment certificate, the ACO's verification of the treatment and recorded results.

Example of the Disinfestation and/or Disinfection Treatment section on the PC:

DISINFESTATION AND/OR DISINFECTION TREATMENT	
1. DATE (1) N/A	2. TREATMENT Heat treatment
3. CHEMICAL (active ingredient) *****	4. DURATION AND TEMPERATURE 30-240 Minutes 56-75 C
5. CONCENTRATION *****	6. ADDITIONAL INFORMATION *****

Appendix 1 – KD Inspection Company Marks



American Institute of Timber Construction

CONTINENTAL
INSPECTION
AGENCY

Continental Inspection Agency, LLC (CI)



Northeastern Lumber Manufacturers Association (NeLMA) (2 trademarks)

OR

NELMA®



Northern Softwood Lumber Bureau (NSLB)



Pacific Lumber Inspection Bureau (PLIB)



Redwood Inspection Service (RIS)

NOTE: On lumber expect letters to be inked instead of background.



Renewable Resource Associates, Inc. (RRA)



Southern Pine Inspection Bureau (SPIB)

(Note: Underline may not appear)

SIWP

Stafford Inspection and Consulting, LLC (SIWP)

TP

Timber Products Inspection (TP)



West Coast Lumber Inspection Bureau (WCLIB)



Western Wood Products Association (WWPA)

Appendix 2 – Kiln Dried Treatment Certificate Example

CERTIFICATE OF KILN DRYING



SAWN HARDWOOD LUMBER

Lumber Kiln Dried By: _____ Order #: _____ Certificate #: _____
 Name of Company: _____ Invoice #: _____ **K 0026**
 Address: _____
 City: _____ State: _____ Zip: _____
 Date Kiln Process Completed: _____ Phone: _____ Fax: _____

(This certifies that the lumber described below has been kiln dried resulting in all parts of the lumber having a moisture content of less than 20% at the conclusion of the kiln drying process.)

DESCRIPTION OF CONSIGNMENT

List specie, thickness, grade of various items contained in shipment: _____

BUNDLE NUMBERS	CLIP ID NUMBERS	MOISTURE CONTENT READINGS	BOARD FOOTAGE	CUBIC METERS

(This document is issued under a program officially approved by the Animal, Plant, Health, and Inspection Service of the U.S Department of Agriculture. The products covered by this document are subject to pre-shipment inspection by that Agency. No liability shall be attached to the U.S. Department of Agriculture or any representatives of the Department with respect to this certificate.)

Authorized Person Responsible for Certification –
I certify that the products described above do satisfy the Kiln Drying requirement of less than 20% moisture content.

Name (Print): _____ Title: _____
 Signature: _____ Date: _____

NHLA Validation

Name (Print): _____ Title: _____
 Signature: _____ Date: _____

Appendix 3 – List of Lumber Grading Agencies

Lumber Grading Agency	Lumber Grading Agency Contact
Northeastern Lumber Manufacturers Association (NeLMA) 272 Tuttle Rd., P.O. Box 87A Cumberland Center, ME 04021	Jeff Easterling Executive Vice President Phone: 207-829-6901 FAX: 207-829-4293
Pacific Lumber Inspection Bureau Inc. 1010 S 336th Street, Suite 300 Federal Way, WA 98003	Jeff Fantozzi Secretary/General Manager Phone: 253-835-3344 FAX: 253-746-5522
Southern Pine Inspection Bureau 4709 Scenic Highway Pensacola, FL 32504-9094	Sandra Colbert, Lumber Program Manager Phone:850-434-2611 FAX:850-433-5594
Timber Products Inspection, Inc. P.O. Box 919 Conyers, GA 30012	David Conner Lumber Division Phone: 770- 922-8000 FAX: 770- 922-1290
West Coast Lumber Inspection Bureau P.O. Box 23145 Portland, OR 97281-3145	Skeet Rominger Executive Vice President Phone: 503-639-0651 FAX: 503-684-8928
Western Wood Products Association 522 SW Fifth Avenue, Suite 500 Portland, OR 97204-2122	Jim Matthews Assistant Director of Quality Standards Phone: 503-224-3930 FAX: 503-224-3934

Appendix 4 - Heat Treatment Inspection Company Marks



American Institute of Timber Construction

CONTINENTAL
INSPECTION
AGENCY

Continental Inspection Agency, LLC (CI)



Northeastern Lumber Manufacturers Association (NeLMA) (2 trademarks)

OR

NELMA®



Northern Softwood Lumber Bureau (NSLB)



Pacific Lumber Inspection Bureau (PLIB)



Redwood Inspection Service (RIS)

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(Note: Underline may not appear)

SIWP

Stafford Inspection and Consulting, LLC (SIWP)

TP

Timber Products Inspection (TP)



West Coast Lumber Inspection Bureau (WCLIB)



Western Wood Products Association (WWPA)

A
WIS

American Wood Inspection Services (AWIS)



Carolina Inspection Services



Conway & Robison LLC



Export Wood Packaging Inspection Service

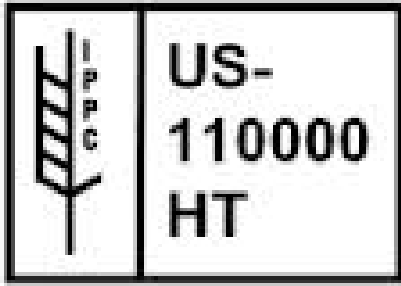
LIWP

Lee Inspection & Consulting Services, Inc. (LIWP)

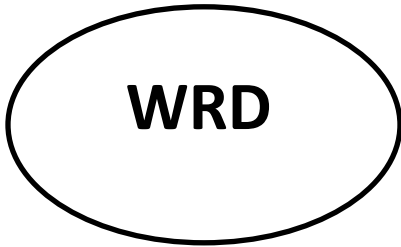
MFPA



Missouri Forest Products Association (3 options, the 2 pictured and a combination; the graphic above only (no words) and the acronym below directly underneath the graphic)



Packaging Research Laboratory



Wood Research and Development

Appendix 5 - Heat Treatment Certificate Example

<h2>Mill Certificate of Kiln Drying</h2>		CERTIFICATE NUMBER
		NAME AND ADDRESS OF SUPPLYING MILL (or as indicated in DESCRIPTION OF CONSIGNMENT)
The lumber described below is certified to have undergone an appropriate heat treatment to achieve a minimum wood core temperature of 56 degrees C for 30 minutes.		
DESCRIPTION OF CONSIGNMENT	VOLUME	
INDICATE SPECIES, GRADE MARKS, OR OTHER IDENTIFYING MARKS. ALSO, INDICATE NUMBER OF PACKAGES AND BOARD FEET/CUBIC METERS BY LOT.		
This document issued under a program officially approved by the Animal and Plant Health Inspection Service, U.S. Department of Agriculture. The products covered by this document are subject to pre shipment inspection by that Agency. No financial liability shall be attached to the U.S. Department of Agriculture or to any officer or representative of the Department with respect to this certificate.		
AUTHORIZED PERSON RESPONSIBLE FOR CERTIFICATION		
NAME (PRINT)	SIGNATURE	DATE
AGENCY VALIDATION		
SIGNATURE		DATE