



CANADIAN FOOD INSPECTION AGENCY 59 Camelot Drive Ottawa, (Ontario), Canada K1A 0Y9 (Tel: 613-225-2342; FAX: 613-773-7204)	<b>D-03-02</b>
	<b>Effective Date</b>  <b>April 1, 2011</b> <b>(5<sup>th</sup> Revision)</b>
<b>Title: Canadian Heat Treated Wood Products Certification Program (CHTWPCP)</b>	

**Subject:**

The *Canadian Heat Treated Wood Products Certification Program (CHTWPCP)* is a phytosanitary certification program administered by the Canadian Food Inspection Agency (CFIA). The CHTWPCP is an officially recognized industry certification program for the export of wood products from Canada. This program was originally designed to meet the specific phytosanitary import requirements of the European Union, as a result of the known presence of pine wood nematode, *Bursaphelenchus xylophilus* in Canada. The program is now accepted by a growing number of countries to meet their import requirements for heat treated wood products to prevent the movement of plant quarantine pests.

The CHTWPCP establishes the requirements needed to develop a quality management system under which registered facilities must operate to produce and/or handle heat treated wood products as well as meet the documentation requirements for export purposes. Facilities participating in the CHTWPCP must operate under the provisions of the QSM-02: *Quality System Requirements for Facility Registration under the Canadian Wood Packaging Certification Program (CWPCP) or the Canadian Heat Treated Wood Products Certification Program (CHTWPCP)*.

The CHTWPCP also establishes the responsibilities of service providers in performing the audit function of the program. Currently, the principal oversight body for the CHTWPCP is the Canadian Lumber Standards Accreditation Board (CLSAB). The CLSAB via their accredited Lumber Grading Agencies deliver the audit function for their registered facilities in assuring compliance to the phytosanitary certification requirements as outlined in this policy.

Wood products heat treated in accordance with the requirements of the CHTWPCP are also eligible for use in the production of ISPM No. 15 compliant wood packaging material under the provisions specified in the CFIA's policy directive D-01-05 (CWPCP). ISPM No. 15 refers to the International Standard for Phytosanitary Measures: *Regulation of Wood Packaging Material in International Trade*, FAO.

***This Directive has been revised to permit that all facilities that are producing wood packaging material (i.e. wooden crates, pallets, boxes, etc.) to meet the ISPM No. 15 standard, the option to register either under the CHTWPCP or the CWPCP.***

***In addition, this directive has been revised to clarify the roles of the service providers and to recognize the CLSAB as an oversight body for the delivery of the CHTWPCP.***

*The directive has been edited to remove some procedural information already described in other CFIA documents, to which the appropriate linkages have been provided in this document.*

*This document has been reworded and reformatted to make it easier for CFIA staff and industry to follow the provisions of this directive, and to ensure adherence to the requirements. The content of this directive has not changed other than as stated above.*

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**Review**

This directive shall be reviewed every 2 years or unless otherwise needed. For further information or clarification, please contact the CFIA.

**Endorsement**

Approved by:

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Chief Plant Health Officer

**Amendment Record**

Amendments to this directive shall be dated and distributed as outlined in the distribution below.

**Distribution**

Directive mail list  
Provincial Government  
Industry via National Industry Organizations (CLSAB, CWPCA and others)  
Listserv  
CFIA website

**Introduction**

Since the early 1990's, there has been a global emphasis on the international movement of wood products that are heat treated to a minimum temperature of 56°C throughout the profile of the wood (including at its core) for a minimum of 30 minutes. This internationally accepted treatment is used to kill pests that may be associated with the wood product.

International Standards for Phytosanitary Measures (ISPM) No.15: *Regulation of Wood Packaging Material in International Trade* sets guidelines for the regulatory control of wood packaging.

**Scope**

This directive is intended for use by facilities that are required to register or are registering under the Canadian Heat Treated Wood Products Certification Program (CHTWPCP), exporters of Canadian wood products, authorized parties involved in the evaluation of heat chambers, CLSAB and their accredited Grading Agencies, other Service Providers, custom brokers, freight forwarders and CFIA inspection staff.

## References

- ISPM No. 5 Glossary of Phytosanitary Terms, FAO, Rome.
- ISO Guide 8402, Quality Systems Terminology.
- ISPM No. 15 Regulation of Wood Packaging Material in International Trade, 2010 FAO, Rome
- ISPM No. 7 Export certification system, FAO, Rome
- QSM 02, The Quality System Requirements the Canadian Wood Packaging Certification Program (CWPCP) or the Canadian Heat Treated Wood Products Certification Program (CHTWPCP)
- QSM 04, The Quality System Requirements for Service Providers under the CHTWPCP
- QSM 05, Quality System Requirements for CLSAB and CLSAB Accredited Agencies Approved under the CHTWPCP
- CFIA PI-07, The Technical Heat Treatment Guidelines and Operating Conditions Manual
- Canadian Lumber Standards Accreditation Board Regulations

**This directive supersedes the following policy documents: “Agriculture Canada Program for Producers of Heat Treated Lumber - Participant Requirements and Procedures” “Kiln-dried (KD) Lumber Program” Dated September 1993.**

## Definitions, abbreviations and acronyms

Definitions for terms used in the present document can be found in the Plant Health Glossary of Terms at [www.inspection.gc.ca/english/plaveg/protect/dir/glosterme.shtml](http://www.inspection.gc.ca/english/plaveg/protect/dir/glosterme.shtml)

### 1.0 General Requirements

#### 1.1 Legislative Authority

*The Plant Protection Act, S.C. 1990, ch. 22*

*The Plant Protection Regulations, SOR/95-212*

*Canadian Food Inspection Agency Fees Notice, Canada Gazette, Part 1 (as amended from time to time)*

*Canadian Food Inspection Agency Act, S.C. 1997, ch. 6*

#### 1.2 Fees

The CFIA will be charging fees in accordance with the *Canadian Food Inspection Agency Fees Notice*. Exporters requiring more information on fee schedules may contact any CFIA Regional office or visit our Fees Notice Web Site:

<http://www.inspection.gc.ca/english/reg/cfiaacia/feesfrais/feesfraise.shtml> .

The CFIA’s recognized Service Providers may also charge fees for registration and audit service provided under this program. Facilities are encouraged to communicate with the Service Providers for information on these service fees.

### 1.3 Regulated Commodities

The CFIA's *Plant Protection Act* and *Regulations* requires anything exported from Canada to conform to the importing country's phytosanitary requirements. This applies to the export of lumber and other forestry products that are required to be heat treated to a minimum temperature of 56°C throughout the profile of the wood (including at its core) for a minimum of 30 minutes.

Failure to meet the phytosanitary import requirements of a foreign importing country may result in enforcement action being taken by the foreign government against the non-compliant shipment that could result in delays at the port of entry and as a consequence refusal of entry. The export of non-compliant forestry products may also be subject to enforcement by the CFIA, as it is also a violation of the Canadian law, specifically the *Plant Protection Act* and *Regulations*, to export anything from Canada unless it meets the importing country's phytosanitary requirement.

Since foreign import requirements are subject to change, exporters should consult with a CFIA Regional inspection office, prior to export, on the specific phytosanitary requirements of the foreign country. A list of the CFIA Regional inspection offices can be found at <http://www.inspection.gc.ca/english/directory/offbure.shtml>

### 1.4 Commodities Exempt

For specific country exemptions, contact your CFIA Regional office.

## 2.0 Program Requirements

### 2.1 Heat Treatment

Certain foreign countries, to which Canada exports wood products, have import regulations requiring that these products undergo heat treatment prior to import. This is because wood products have been frequently identified as a potential pathway for the spread of regulated pests through their movement in trade.

In order to comply with these foreign requirements, the CHTWPCP has been developed using quality system principles to allow for the export certification of heat treated forestry products to countries that have adopted heat treatment standards in their import regulations.

Wood products certified under this program are required to be heat treated to a minimum temperature of 56°C throughout the profile of the wood (including at its core) for a minimum of 30 minutes, (referred herein as the heat treatment standard). A number of processing methods are recognized to achieve this heat treatment standard and are described in the CFIA's Technical Heat Treatment Guidelines and Operating Conditions Manual (referred to as PI-07). It provides information regarding heat treatment chamber operating conditions that are required to achieve the heat treatment standard. PI-07 is maintained on the CFIA Forestry web site at: <http://www.inspection.gc.ca/english/plaveg/for/cwpc/htreate.shtml>

In addition to the above, registered facilities may also be able to achieve the heat treatment standard through a processing method which has been approved by a Recognized Heat Treatment Evaluator. A Recognized Heat Treatment Evaluator is an organization, company or person that has been authorized by the CFIA to conduct a scientific analysis pertaining to treatment of wood products. Site specific kiln (heat chamber) operating schedules must be identified in the registered facility's Quality Management Systems Manual (referred herein as the Manual). A list of Recognized Heat Treatment Evaluators can be found at The Canadian Heat Treatment Wood Products Certification Program (CHTWPCP) CFIA Forestry web site.: [www.inspection.gc.ca/english/plaveg/for/cwpc/chtwpcpbe.shtml](http://www.inspection.gc.ca/english/plaveg/for/cwpc/chtwpcpbe.shtml)

## 2.2 Certification

Depending on the importing country's phytosanitary import requirements, export shipments of qualifying wood products may be certified as conforming to the importing country's requirements through the issuance of a Heat Treatment Certificate (described in 2.2.2) by facilities registered under this program or issuance of a phytosanitary certificate (described in 2.2.3) by the CFIA. **Where the heat treatment certificate is accepted by the importing country in lieu of a Phytosanitary Certificate, a Phytosanitary Certificate will not be issued by the CFIA.**

Wood packaging material used in the transport of goods to foreign markets may require to be marked with the internationally recognized ISPM No.15 mark. For more information on the production of ISPM No. 15 compliant wood packaging material, refer to section 2.2.4 of this directive.

### 2.2.1 The CHTWPCP Recognized Certification Mark

Where a Heat Treatment Certificate is issued for the export of wood products, the CHTWPCP recognized certification mark must appear on each wood bundle, bundle tag or on the bundle wrapper. The CHTWPCP mark consists of:

- the mark (CA), (Where CA= Canada); **and**
- a series of numbers and/or letters which identifies the Registered Facility (i.e. the CLSAB Accredited Grading Agency's logo and the mill number, or the facility's CFIA issued 5 digit registration number); **and**
- the treatment applied (HT or KD-HT).

For pre-manufactured homes which do not bear marks as prescribed above, a method described in the facility's Manual which will allow identification and traceability of the wood products to the required heat treatment process, will be used to support the Heat Treatment Certificate, Phytosanitary Certificate or other certification options required by the importing country.

### 2.2.2 Heat Treatment Certificates

A Heat Treatment Certificate is issued by registered facilities under the authority of the CFIA in accordance with the specifications of the CHTWPCP. The certificate provides verification that

the wood products have been heat treated to the heat treatment standard as specified in Section 2.1 of this Directive.

All Registered participants consolidating treated lots may issue a single Heat Treatment Certificate to cover the entire consignment. The consolidated certificate must provide the relevant documentation to allow for traceability to a registered facility.

The conditions under which Heat Treatment certificates are issued are specified on the back of the certificate. To ensure conformity and consistency to the format of the industry issued heat treatment certificates, the service provider for the CHTWPCP will provide registered facilities with an electronic or hard copy version of the officially recognized heat treatment certificates as described in the following sub-sections.

#### **2.2.2.1 Heat Treatment Certificates for the European Union (EU) Countries**

The Heat Treatment Certificate referred to in Appendix 1 is to certify material specifically destined to the European Union. It contains the following specific declaration:

*“The coniferous lumber to which this certificate applies has been heat treated, and during the process, has achieved thermal death times for Pinewood Nematode (PWN) and its vector”.*

#### **2.2.2.2 Heat Treatment Certificates for Countries other than the European Union.**

The Heat Treatment Certificate referred to in Appendix 1 is intended for countries other than the European Union member countries **that accept industry issued heat treatment certificates**. The following declaration appears on the certificate:

*“The sawn wood in this shipment has been treated at a CFIA registered facility to achieve a minimum wood core temperature of 56°C for a minimum of 30 minutes”.*

#### **2.2.3 Phytosanitary Certificates**

The Phytosanitary Certificate is an official document issued by the CFIA to the National Plant Protection Organization (NPPO) of the importing country to stipulate that the shipment it describes conforms to the importing country’s phytosanitary import requirements.

Where countries require Phytosanitary Certificates to accompany shipments of heat treated wood products, an exporter must provide to the CFIA:

A copy of the Heat Treatment Certificate(s) issued for the consignment; **or**  
The lot must bear the CHTWPCP recognized certification mark as described in section 2.2.1; **or**  
Each piece of lumber must display the CLSAB accredited grading agency logo, the facility registration number and the HT or KD-HT mark, which is recognized by the CFIA and appears on the CFIA website.



## 2.2.4 Wood Packaging Material and the ISPM No. 15 mark

In March of 2002, the International Plant Protection Convention (IPPC) adopted a wood packaging standard, revised in 2009; *Regulation of Wood Packaging Material in International Trade*, (ISPM No. 15). This recognizes the plant health risks associated with wood packaging material and outlines approved phytosanitary measures. To mitigate the plant health risk associated with wood packaging material, the standard recommends that all wood packaging material (including dunnage) should be heat treated to a minimum temperature of 56°C throughout the profile of the wood (including its core) for a minimum of 30 minutes (see section 2.1). To facilitate trade, treated wood packaging material should be marked in a manner to identify the approved treatment and to provide traceability to the country of origin and the producer/treatment provider. Prior to export, exporters should consult with a CFIA Regional office on the specific phytosanitary certification requirements, since some importing countries may prescribe additional import requirements to be met.

**All wood packaging facilities registered under the CHTWPCP must adhere to the CFIA's requirements for the production of ISPM No. 15 compliant wood packaging material which are specified in the CFIA's Policy Directive D-01-05: the Canadian Wood Packaging Certification Program (CWPCP) and QSM-02.**

## 2.3 Domestic Movement of Treated Wood Products Destined for Export

The Domestic Heat Treatment Certificate (Appendix 1), can also be an integral part of providing verification of treatment during custody changes of heat treated wood products between registered facilities prior to export.

The following declaration appears on the domestic heat treatment certificate:

***“The sawn wood in this shipment has been treated at a CFIA registered facility to achieve a minimum wood core temperature of 56°C for a minimum of 30 minutes”.***

Heat treated wood products moving in the domestic market, ultimately intended for export markets and requiring to be heat treated to a minimum temperature of 56°C throughout the profile of the wood [including at its core] for a minimum of 30 minutes and destined for facilities registered under the CWPCP and the CHTWPCP must:

1. Display a CHTWPCP recognized certification mark as described in 2.2.1, on each wood bundle, bundle tag or on the bundle wrapper, **or**
2. Display the CLSAB accredited mark on each piece of lumber consisting of the grading agency logo, the mill number, the HT or KD-HT mark, **or**
3. Be identified in a manner prescribed in the facility's Manual and accompanied by a Domestic Heat Treatment Certificate.

### 3.0 Facility Registration

Eligible applicants include those Canadian facilities handling or heat treating wood products ultimately destined for export to countries having specific phytosanitary certification requirements. These include heat treatment facilities, wood packaging heat treatment facilities, wood packaging facilities, custom kilns, sawmills, pre-manufactured home producers, planer mills, re-manufacturing facilities, brokers, shippers, and facilities consolidating heat treated wood products for export purposes.

The facility seeking registration must be located in Canada and, the applicant must be:

1. a Canadian citizen or permanent resident, **or**
2. a person authorized under the laws of Canada to reside in Canada for a period of six months or more and who will have possession, care or control of the thing to be treated or processed, distributed, **or**
3. a corporation with a place of business in Canada, as long as the applicant is an agent or officer of the corporation who resides in Canada.

Facilities who wish to be registered under the CHTWPCP must meet the requirements as described in QSM-02: *Quality System Requirements for Facility Registration under the Canadian Wood Packaging Certification Program (CWPCP) or the Canadian Heat Treated Wood Products Certification Program (CHTWPCP)*.

A list of facilities registered under the CHTWPCP can be found on the CFIA website “Canadian Heat Treated Wood Products Certification Program (CHTWPCP)” at:  
<http://www.inspection.gc.ca/english/plaveg/for/cwpc/chtwpcpce.shtml>

### 4.0 Service Providers

An organization, company or person which has extensive knowledge of the CHTWPCP and can conform to CFIA requirements, may apply for recognition as a Service Provider under this program. Each Service Provider must have a specific arrangement or negotiated agreement in place with the registered facilities to permit the delivery of audits and other activities as required under this policy directive.

The responsibilities of service providers are outlined in the CFIA document QSM-04 titled “*The Quality System Requirements for Service Providers Approved Under the CHTWPCP.*”

The current list of Service Providers recognized by CFIA, along with an application form, can be found at the CFIA Website “Canadian Heat Treated Wood Products Certification Program (CHTWPCP)” at [www.inspection.gc.ca/english/plaveg/for/cwpc/chtwpcpce.shtml](http://www.inspection.gc.ca/english/plaveg/for/cwpc/chtwpcpce.shtml).

## **5.0 Recognition of the CLSAB and its Accredited Grading Agencies**

The CFIA recognizes CLSAB as an oversight body for the delivery of the CHTWPCP. Their regulatory regime provides for the oversight role of their Accredited Grading Agencies in assuring registered facilities' compliance to the phytosanitary certification requirements as outlined in the CLSAB Regulations. The CFIA has recognized CLSAB's approved Grade Stamp and Heat Treated (HT) designation for registered facilities HT designation is one component of the National Lumber Grading Authority's rule as approved by CLSAB.

## **6.0 Non-Compliance**

The CFIA may audit the CLSAB or Service Providers for the delivery of the CHTWPCP.

An audit of the CLSAB may include CFIA accompanying the CLSAB on a random sample survey conducted by CLSAB of the facilities registered under the CHTWPCP, as well as Agencies accredited by the CLSAB. Should the CFIA identify that the CLSAB is not in compliance with the requirements of the program or fail to maintain compliance with the program, the CFIA may upon giving written notice to the CLSAB, cancel or suspend the recognition of the CLSAB as an oversight body.

Similarly, should the CFIA identify that service providers or CHTWPCP registered facilities registered under them are not in compliance with the requirements of the program or are unable to maintain compliance, the CFIA may upon giving written notice to the service provider, cancel the recognition of the service provider as an oversight body.

The standards specified do not limit the regulatory actions which may be taken by CFIA in response to violations of the *Plant Protection Act* or *Plant Protection Regulations*.

## **7.0 Appendices**

Appendix 1: Heat Treatment Certificates

Appendix 2: ISPM No. 15 Wood Packaging Recognized Certification Mark

## **Appendix 1 Heat Treatment Certificates**

Heat Treatment Certificate for European Union only

Please reference PDF “Heat Treatment Certificate Using Kiln Facility” at the following link or contact your Service Provider:

[http://www.inspection.gc.ca/english/plaveg/for/cwpc/htcert\\_eue.pdf](http://www.inspection.gc.ca/english/plaveg/for/cwpc/htcert_eue.pdf)

Heat Treatment Certificate for non-EU countries

Please reference PDF “Heat Treatment Certificate for countries other than EU” at the following link or contact your Service Provider:

[http://www.inspection.gc.ca/english/plaveg/for/cwpc/htcert\\_non-eue.pdf](http://www.inspection.gc.ca/english/plaveg/for/cwpc/htcert_non-eue.pdf)

Domestic Heat Treatment Certificate

Please reference PDF “Domestic Heat Treatment Certificate” at the following link or contact your Service Provider:

[http://www.inspection.gc.ca/english/plaveg/for/cwpc/domestic\\_ht\\_certe.pdf](http://www.inspection.gc.ca/english/plaveg/for/cwpc/domestic_ht_certe.pdf)

## Appendix 2 ISPM No. 15 Wood Packaging Recognized and Certification Mark

The wood packaging mark shown below (Fig. 1) shall certify that the wood packaging and/or loose wood dunnage material and/or any non-processed wooden articles, that bears these marks have been subjected to approved treatment measures. The mark will comprised of the following required components:

**IPPC Recognized Symbol:** the design of the symbol must closely resemble that of the examples below and be placed to the left side of all other components.

**Country Code:** must be the International Organization for Standards (ISO) two-letter country code (indicated as “XX” in Fig. 1) and must be separated by a hyphen from the producer/treatment provider code.

**Producer/Treatment Provider Code:** this is a unique code provided by CFIA (indicated as “00000” in Fig.1). The code is five digits in length including “0” at the beginning. This code identifies the facility as a registered facility under the CWPCP or CHTWPCP.

**Treatment Code:** the abbreviation for the specific treatment used (indicated as “YY” in Fig. 1). HT is the code for materials that are heat treated to a minimum temperature of 56° C throughout the profile of the wood (including at its core) for a minimum of 30 minutes. Other treatment types are not approved under the CHTWPCP or the CWPCP.

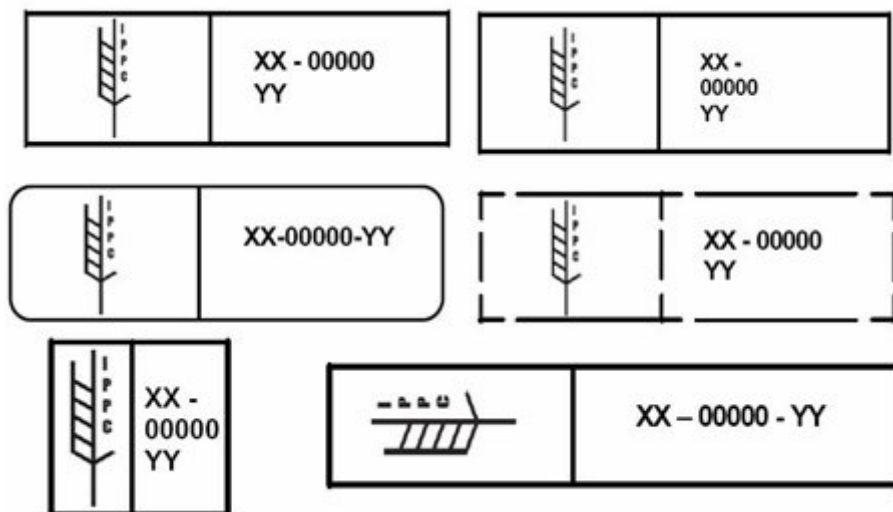


Figure 1: The above are examples of wood packaging recognized mark formats.

The size shape and position of the mark may vary from facility to facility but each mark must be:

1. legible;
2. permanent and not transferable;
3. placed in a visible location and on at least 2 opposite sides of the article being certified;
4. rectangular or square in shape
5. border line must be clear and divided by a vertical line separating the IPPC recognized symbol from the other components of the mark
6. for dunnage material, the mark must be visible on each individual piece.

**The mark must not be hand drawn and red or orange must not be used because these colours are used in the labelling of dangerous goods.**

No other information (such as producer trademark, logo of authorizing body, date of treatment or marking to identify dunnage material) may be contained within the wood packaging certification mark.

National Plant Protection Organizations of the importing countries may at their discretion request control numbers or other information used for identifying specific lots provided it is not confusing, misleading or deceptive.

The wood packaging certification mark may only be applied by wood packaging facilities or treatment facilities approved by the CFIA and operating under the CWPCP or the CHTWPCP.