D-01-12: Phytosanitary requirements for the import and domestic movement of firewood and logs destined for the production of firewood.

Effective Date:

(3rd Revision)

Subject

This directive outlines the phytosanitary import requirements for firewood from all areas of the world into Canada. It also contains domestic phytosanitary requirements for firewood movement.

This directive has been revised to strengthen the phytosanitary requirements for firewood originating in the continental United States (U.S.), and regulate logs destined for the production of firewood.

Firewood and logs destined for the production of firewood of all species from all areas of the world including the continental United States (U.S.) may require prior approval from the Canadian food inspection agency (CFIA), an import permit, an approved treatment as outlined in Appendix 2 of this directive, a phytosanitary certificate issued by the United States Department of Agriculture-Animal and Plant Health Inspection Service (USDA-APHIS), or a treatment certificate from a USDA-APHIS-approved facility prior to entry into Canada.

This directive supersedes D-01-12 (2nd Revision) and the import requirements pertaining to firewood in other pest specific plant protection directives including D-97-07, D-98-02, D-98-09, D-98-02, D94-22, D-97-10, D-99-03, D-00-08, D-01-01, D-00-08, D-07-02, D-07-05, D-11-05.

Logs imported for purposes other than the production of firewood are regulated under the above mentioned pest specific policy directives.

The phytosanitary import requirements for non-processed wood and other wooden products, bamboo and bamboo products, originating from all areas other than the continental United States are outlined in Directive D-02-12.
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Review

This directive will be reviewed as needed.

Amendment Record

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

Distribution

Directive mail list (Regions, PHRA, USDA)

Provincial Government, Industry (determined by Author)

National Industry Organizations (determined by Author)

Internet

Introduction

Canada has a vast resource of deciduous and coniferous forest tree species that are susceptible to foreign invasive pests. Firewood can include a wide variety of tree species originating from many different geographic and climatic areas of the world. Therefore, the number of potential and unknown invasive pests associated with firewood is high.

Typically, firewood may originate from the thinning of wood lots, salvaged from forestry slash piles, the culling of undesirable or damaged species, removal of dead or dying trees, or the management of firewood production areas. When firewood is harvested or collected from forested areas or cities it may be infested with various pests (for example: bark beetles, deep wood boring insects or root stain diseases). Consequently, the transportation of firewood creates a pathway for the spread of pests.

Scope

This directive is intended for use by the Canadian Food Inspection Agency (CFIA) inspection staff, Canada Border Services Agency (CBSA) staff, Canadian customs brokers, Canadian importers and exporters of wood products, recreation organizations, campers and National Plant Protection Organizations (NPPOs).
References

ISPM No. 5, Glossary of Phytosanitary Terms. FAO, Rome. (updated annually)

ISPM No. 4, Requirements for the Establishment of Pest Free Areas. 1996. FAO, Rome.


Definitions, Abbreviations and Acronyms

Definitions for terms used in this document can be found in the Plant Health Glossary of Terms.

The Continental United States includes all US states except for Hawai'i.

For the purposes of this directive firewood is defined as:

Untreated, raw solid wood material usually with bark attached, cut in billets, in logs, in twigs, in faggots or in similar forms or lengths and includes mill-ends, stumps, slabs, dockings, off-cuts, edging and dunnage that may be handled manually, is suitable for burning and is used for heat production.

Logs of all tree species destined for the production of firewood are considered a form of firewood and are regulated under this policy directive.

1.0 General Requirements

1.1 Legislative Authority

The Plant Protection Act, S.C. 1990, c.22

The Plant Protection Regulations. SOR 95/212

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

1.2 Fees

The CFIA is charging fees in accordance with the Canadian Food Inspection Agency Fees Notice. For information regarding fees associated with imported product, please contact the Import Service Centre (ISC). Anyone requiring other information regarding fees may contact any local CFIA office or visit our Fees Notice Website.
1.3 Regulated Pests

The List of pests regulated by Canada can be found at:


The CFIA may take action on material that is infested with pests of potential quarantine concern even if those pests are not yet included on this list.

1.4 Regulated Commodities

Firewood of all species originating from any area of the world.

Logs of all tree species destined for the production of firewood.

Note: The import requirements for wood chips, wood mulch, smoker chips and mesquite chips are contained in policy directive D-02-12.

1.5 Exempt Commodities

Exempt commodities include processed fuel logs, and fuel wood pellets. See definitions in Plant Health Glossary of Terms

1.6 Regulated Areas

All areas of the world outside of Canada; and

All areas of Canada regulated for pests identified on the list of "Pests regulated by Canada" including but not limited to Dutch elm disease, European larch canker, balsam woolly adelgid, hemlock woolly adelgid, gypsy moth, and emerald ash borer.

2.0 Specific Requirements

2.1 Prohibitions

The import of firewood from all areas of the world except the continental United States (U.S.) is prohibited, unless the exporting country can clearly demonstrate that the conditions specified in Section 2.2.1, below, have been met.

2.2 Import Requirements

2.2.1 Import requirements for all species of firewood and logs for the production of firewood from all areas of the world except the continental U.S.
• Prior approval from the CFIA is required prior to importation of this product from outside the continental U.S.
• Technical verification by CFIA approved kiln evaluators will be required.
• A review of the National Plant Protection Organization's (NPPO) system oversight by the CFIA or a CFIA approved agency in the country of origin will be required.
• A Permit to import will be required.

Note: The Canadian importer will be responsible for all costs associated with the verification process and will need to meet all the conditions prescribed under an Import Permit, including heat treatment of the wood to a core temperature of 60 degrees Celsius (°C) for a minimum of 60 minutes and debarking to specification of ISPM 15.

2.2.2 Import requirements for all species of firewood originating in the continental U.S.

• A Permit to Import is required.

• A Phytosanitary Certificate issued by the United States Department of Agriculture-Animal and Plant Health Inspection Service (USDA-APHIS) must accompany the shipment. Treatment details must be on the phytosanitary certificate.

OR

• Treatment certificate by a facility that is recognized by USDA-APHIS. The treatment process must be verified by the USDA, in accordance with the USDA-ALSC Heat Treatment Program for Export.

And

• Firewood must be heat treated to reach a minimum core temperature of 60°C throughout the profile (including its core) for a minimum of 60 minutes.

2.2.3 Import requirements for Logs of all tree species destined for the production firewood from the continental US:

• A Permit to Import is required.

• A Phytosanitary Certificate issued by the (USDA-APHIS) must accompany the shipment. Treatment details must be on the phytosanitary certificate. Logs must be heat treated to reach a minimum core temperature of 60°C throughout the profile (including its core) for a minimum of 60 minutes.

OR
• A Phytosanitary Certificate issued by the (USDA-APHIS) must accompany the shipment. It must state that the logs originate in an area free from pests regulated in Canada. The origin must be clearly stated on the phytosanitary certificate.

OR

• Treatment certificate by a facility that is recognized by USDA-APHIS. The treatment process must be verified by the USDA, in accordance with the USDA-ALSC Heat Treatment Program for Export. Firewood must be heat treated to reach a minimum core temperature of 60°C throughout the profile (including its core) for a minimum of 60 minutes.

2.3 Domestic Requirements

2.3.1 The movement of firewood from non-regulated areas of Canada to other areas of Canada.

• A Movement Certificate and CFIA inspection are not required. Firewood may be moved without restriction.

2.3.2 The movement of firewood from regulated areas of Canada to regulated areas of identical pest distribution of Canada.

• A Movement Certificate and CFIA inspection are not required
• If wood is moved through a non-regulated area, it must be moved without undue delay and must be securely covered to avoid contamination by any pests during transit.

2.3.3 The movement of firewood from regulated areas of Canada to non-regulated areas of Canada.

• Prior approval by the CFIA is required.
• Firewood of all species may move under a movement certificate if it meets the following requirements:

  - Firewood must be heat treated to reach minimum core temperature of 60°C throughout the profile (including its core) for a minimum of 60 minutes. Or

  - Moving under an approved compliance program, such as the Emerald Ash Borer Compliance program under D-03-08 (see also QSM 07).

http://inspection.gc.ca/plants/plant-pests-invasive-species/directives/forestry/d-03-08/qsm-07/eng/1347553733814/1355879699357

Contact a local CFIA office or consult the CFIA Forestry Website for additional information.

http://inspection.gc.ca/about-the-cfia/offices/eng/1313255382836/1313256130232
3.0 Inspection Requirements

All shipments of firewood transported within Canada or imported into Canada are subject to inspection and/or sampling for regulated pests. Pursuant to the operational work plan, CFIA inspectors will inspect and ensure that:

- a valid Permit to import issued under the authority of the CFIA accompanies the imported shipment
- a valid Phytosanitary Certificate or a treatment certificate issued under the authority of the NPPO of the exporting country accompanies the consignment and certifies that the consignment meets the import conditions of this directive; and
- a valid Movement Certificate is issued under the authority of the CFIA to accompany the consignment to meet the Canadian phytosanitary requirements for movement from regulated areas within Canada.

4.0 Non-Compliance

Imported shipments not meeting the import requirements of this directive will be refused entry, returned to origin or disposed of at the importer's expense.

Domestic shipments not meeting the movement requirements for regulated areas of Canada and this directive will be destroyed, disposed of, or returned to origin at the consignee's expense.

In cases where a CFIA inspector has determined that it is both practical and does not constitute a biological risk to introducing a pest, the inspector may order the non-compliant imported or domestic consignment to be treated in a manner approved by the CFIA. Any costs incurred are the responsibility of the importer.

CFIA-approved methods of disposal are defined in appendix 1.
5.0 Appendices

Appendix 1: Canadian Food Inspection Agency Approved Disposal Methods

The CFIA may permit the movement of non-compliant wood and wood products to be disposed of or treated in the following ways:

• incineration;
• deep burial to a minimum depth of 1.8 metres in an approved landfill;
• mechanical chipping to a size of 2.5 cm or less in any two dimensions to produce wood by products such as wood dust, wood mulch or wood fuel. Raw wood by products must either undergo a sanitation process (e.g. steam, heat, compost) to render them free of potential regulated pests or be contained and used for secondary processing;
• secondary processing to produce wood by products such as paper, finish mulch, recycled fibre board and oriented strand board;
• Other methods may be approved by the CFIA on a case by case basis.

Non-compliant wood and wood products must be disposed of under the direct oversight of the CFIA within two (2) business days of detection of non-compliance. However, under exceptional circumstances the CFIA may permit short-term storage, while waiting for disposal. In order to permit short term storage, the non-compliant material must be contained in a manner that would preclude the escape of pests. The method of short-term storage must be approved in writing by a CFIA inspector. Additionally, the CFIA inspector can order additional treatments or containment of the non-compliant products if required.

The movement of non-compliant material must be authorized by the CFIA. During transportation for disposal, non-compliant material must be carried in a sealed container or be enclosed by a tarpaulin to provide assurance that soil contaminants and pests cannot be lost or freed while on route to the disposal area.
Appendix 2: Canadian Food Inspection Agency Approved Treatments

Heat treatment standard

Firewood with bark must reach a minimum core temperature of 60°C throughout the profile (including its core) for a minimum of 60 minutes.

A list of recognized heat treatment evaluators is maintained on the CFIA Forestry website at: http://www.inspection.gc.ca/plants/forestry/exports/ht-program/evaluators/eng/1363272837791/1363272916541

All costs for the development of specific schedules are the responsibility of the treatment facility.
Appendix 3: Summary of phytosanitary requirements for import of firewood and logs destined for the production of firewood into Canada:

<table>
<thead>
<tr>
<th>Origin: All areas of the world other than the continental USA</th>
<th>Regulated article</th>
<th>Import permit</th>
<th>Phytosanitary certificate (PC)</th>
<th>Comment/reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>Firewood of all tree species and logs destined for the production of firewood</td>
<td>yes</td>
<td>yes</td>
<td>Prior approval from the CFIA is required before importation of this product from outside the continental United States. Section: 2.2.1</td>
<td></td>
</tr>
</tbody>
</table>

| Origin: Continental USA | Firewood of all tree species | yes | yes | Firewood must be heat treated to a minimum core temperature of 60°C throughout the profile (including its core) for a minimum of 60 minutes. Treatment details must be on the PC. Note: a treatment certificate from an approved facility under the USDA-APHIS is also acceptable in lieu of a PC. Section: 2.2.2. |

| Logs of all tree species destined for the production of firewood | yes | yes | Logs must be heat treated to reach a minimum core temperature of 60°C throughout the profile (including its core) for a minimum of 60 minutes. Treatment details must be on the PC. Note: a treatment certificate by a facility that is recognized by USDA-APHIS is acceptable in lieu of a PC. OR A Phytosanitary Certificate issued by USDA-APHIS is required and must state that the logs originate in an area free from pests regulated in Canada. The origin must be clearly stated on the phytosanitary certificate. Section 2.2.3 |

See pest specific policy directives at: http://www.inspection.gc.ca/plants/plant-pests-invasive-species/directives/forestry/eng/1312234775640/1312234987259