



Michigan Department of Agriculture and Rural Development  
Pesticide and Plant Pest Management Division

EXTERIOR FIREWOOD QUARANTINE  
[DATE EFFECTIVE]

I. JUSTIFICATION

Over 140 plant pests and diseases can be moved with firewood, including Asian longhorned beetle, oak wilt, beech bark disease and spotted lanternfly, many of which are not known to exist in Michigan or are of limited distribution in the state. The transportation of firewood infested with invasive pests is the leading anthropogenic cause of new infestations of forest pests, however, firewood is not routinely inspected like other high-risk pathways such as nursery stock. Once a plant pest or disease becomes established it is difficult to eradicate and can cause severe economic hardship upon municipalities, counties, industry, and citizens that try to manage and control them. Agricultural and silvicultural resources and tourism provide significant economic and environmental benefits to Michigan and can be adversely affected by the spread of plant pests and diseases. **THEREFORE**, the Director of the Michigan Department of Agriculture and Rural Development, by authority of [Section 23 of Act No. 189, P.A. of 1931, as amended, MCL 286.223; Section 20 \(2\) and \(3\) of Act No. 189, MCL 286.220\(2\) and \(3\); and Michigan Administrative Code, Rule 285.620.1 et seq](#); does establish a quarantine to prevent the introduction into Michigan of pests and diseases associated with firewood and sets forth: regulated areas, regulated articles, shipping restrictions, and violations.

II. DEFINITIONS.

The following terms shall be construed to mean:

- (A) **CERTIFICATE** means a State Phytosanitary Certificate or Certificate of Quarantine Compliance, or equivalent certification document issued by an authorized state agricultural official.
- (B) **CERTIFIED FIREWOOD KILN** – means a kiln that has passed a rigorous inspection and testing process and has successfully demonstrated the ability to heat its firewood to a minimum core temperature of 60° Celsius (140° Fahrenheit) for 60 minutes.
- (C) **COMPLIANCE AGREEMENT** means a written agreement between the Director and a person moving or receiving regulated articles.
- (D) **DEPARTMENT** means the Michigan Department of Agriculture and Rural Development.
- (E) **DIRECTOR** means the Director of the Michigan Department of Agriculture and Rural Development or their authorized representative.
- (F) **FIREWOOD** means all wood of any species, cut or not cut, split or not split, which is: a) in a form and size appropriate for use as fuel, or b) which is destined for use as fuel.
- (G) **FUELWOOD** means locally sourced, downed wood, for personal home use and not intended for resale.

- (H) **INFESTATION** means the presence of a harmful pest or disease or the existence of circumstances that make it reasonable to believe that the pest or disease is present.
- (I) **INSPECTOR** means an employee of the Michigan Department of Agriculture and Rural Development authorized to enforce the provisions of this quarantine.
- (J) **MOVED (MOVE, MOVEMENT)** means shipped, held for shipment, received for shipment, transported, carried, or allowed to be moved or shipped.
- (K) **PERSON** means an individual, firm, association, partnership, corporation, governmental entity, or other legal entity.
- (L) **PROCESSING** means the treatments of forest products including, but not limited to, debarking, peeling, drying, cleaning, sorting, chipping, grinding, sawing, shaping, notching, biofuels conversion, or other similar methods.

### III. PESTS AND DISEASES

All phytophagous pests and plant pathogens including but not limited to Asian longhorned beetle, cedar longhorned beetle, spotted lanternfly, Sirex wood wasp, oak wilt, beech bark disease, white pine blister rust, pinewood nematode, balsam woolly adelgid, brown garden snails and spongy moth.

### IV. REGULATED AREAS

All states, territories, possessions and districts in the United States and all countries.

### V. REGULATED ARTICLES

Firewood originating from outside of the state of Michigan.

### VI. EXEMPTIONS

1. Kiln-dried dimensional lumber.
2. Wood that has been chipped to a maximum piece size that is no greater than one inch (2.54 cm.) in two dimensions.
3. Logs or wood from out-of-state sources being transported to or possessed by the following for immediate processing:
  - a. Sawmills for dimensional lumber
  - b. Veneer mills
  - c. Pulp and paper mills
  - d. Wood pellet manufacturers
  - e. Plywood manufacturers
  - f. Refineries or power plants utilizing wood biomass
  - g. Facilities producing re-constituted wood or wood composite products
4. Wood already processed into the above letters (a-g) before entering the state.

**VII. RESTRICTIONS**

1. All firewood is prohibited entry into Michigan from any regulated area, with the following exceptions:
  - a. Firewood treated in a certified kiln to achieve a minimum core temperature of 60°Celsius (140°Fahrenheit) for a minimum of 60 minutes; or
  - b. Firewood subjected to other treatments approved by the Director that achieve the specification in VII (a), e.g., steam, microwave, dielectric heat or hot water; or,
  - c. Firewood treated by other methods approved in writing by the Director which achieve comparable results.
2. Michigan facilities that process logs and similar raw wood from out-of-state sources into firewood are required to treat the firewood to the same specifications indicated above. This includes mills that sell or otherwise distribute slab wood as firewood where it is a byproduct of their operation. Said firewood treatment facilities are required to operate under a certified firewood kiln compliance agreement or equivalent utilizing a treatment method approved by the Director.

**VIII. CERTIFICATION AND SHIPPING REQUIREMENTS**

Certificates - Firewood meeting the requirements for entry into Michigan must be accompanied by a certificate issued by an authorized agricultural official. The certificate must indicate the origin and attest to the type of treatment indicated in VII. Restrictions.

**IX. RECORD KEEPING REQUIREMENTS**

Persons receiving firewood from out-of-state and international sources shall retain a copy of shipping records, invoices, waybills, bills of lading, certificates of quarantine compliance, phytosanitary certificates, or equivalent certification documents for a period of 36 months after receipt of the articles.

**X. VIOLATIONS**

1. Any violation of this quarantine is subject to the full authority of [Act No. 189, P.A. of 1931, as amended](#).
2. Common carriers or other carriers, persons, firms, or corporations who transport or move regulated articles in violation of this quarantine and these rules may be subject to the penalties described above.

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*Dr. Tim Boring, Director*  
 Michigan Dept. of Agriculture & Rural Development

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Date

This quarantine shall become effective on:

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Effective Date

History: Promulgated on \_\_\_\_\_, Effective \_\_\_\_\_