

HEAT TREATMENT PROCEDURE

Treatment: T314-a Heat treatment: USDA-APHIS-PPQ Treatment Program Manual Protocol T 314-a (Hardwood and Firewood Treatment)

1. Heat treatment procedures may employ steam, hot water, kilns, or any other method that raises the temperature of the **center** of the wood to at least 160°F (71.1°C) and maintains the center temperature for at least 75 minutes.
2. A diagram of the treatment facility to include at a minimum: dimensions, capacity, circulation fans, heat input location, and door locations should be recorded, and made available to the Texas Department of Agriculture when requested.
3. The temperature monitoring equipment (thermocouples, temperature data loggers, etc.) must be accurate to within +/- 0.5 °C (0.9 °F) at the treatment temperature, capable of collecting temperature data at least once every five (5) minutes and recording or storing data for 30 days. The temperature monitoring equipment must be calibrated. In addition, if a permanent temperature recording system is used, the system must be recalibrated when any part or portion of the system is repaired or replaced.
4. Temperature monitoring equipment must be able to provide a record of the treatment that identifies each sensor and indicates time and temperature.
5. Internal wood product temperatures shall be obtained and verified by sensors located in the larger pieces of firewood, or piles, stacks or containers of wood chips or chunks at representative locations. The number of temperature sensing elements required per load will vary with the size of the load. The minimum requirement is four (4) sensors – one (1) for measuring air temperature and three (3) for measuring internal wood or wood product temperature. For loads greater than 5,000 ft³ (142 m³) of wood, a minimum of one additional sensor for measuring internal wood temperature must be provided for each additional 2,000 ft³. At least one sensor shall be placed in a large firewood piece or inserted into the stack of wood chip or wood chunk pile in a portion of the load furthest away from initial heat circulation. Sensors will be placed in pre-drilled holes to measure core wood temperature of firewood. Probes are to be sealed into each hole with putty (electricians putty is recommended) to prevent reading ambient air temperature. Other recording arrangements may be considered if approved by TDA.
6. Begin treatment when **all** the temperature sensors reach the threshold temperature of 160° F (71.1° C). Treatment will be complete when all temperature probe readings are at or above the threshold temperature for the entire 75 minutes.



TEXAS DEPARTMENT OF AGRICULTURE
COMMISSIONER SID MILLER
P. O. Box 12847 □ Austin, Texas □ (512) 463-7476
Internet Address: www.TexasAgriculture.gov
Hearing impaired: 1-800-735-2988 (voice)
Or 1-800-735-2989 (TDD/TT)

Firewood and Unprocessed Wood Products Permit
Texas-Florida Master Permit – FL-WP2013-06

This permit certifies that the quarantined articles contained in this shipment comply with the phytosanitary requirements of the Florida Administrative Code 5B-65.001 to 65.005, and 5B-26 (Oak wilt Disease)

Shipper: Boom Boom, LLC.

Address: 139 Lyons Road, Ennis, TX 75119

Compliance Agreement Permit No. TDA-294



TEXAS DEPARTMENT OF AGRICULTURE
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Firewood, Cooking and Smoking Woodchunks and Unprocessed Wood Chips Permit

This permit certifies that the regulated articles contained in this shipment were treated as prescribed under the USDA/APHIS Plant Protection and Quarantine Treatment Program Manual (Rev. 09/2008), Treatment Schedules T312 – Oak Logs and Lumber, and T314 – Logs and Firewood, to minimize the introduction or spread of serious plant pests known to be present in firewood or unprocessed wood products.

Shipper: _____

Address: _____

Compliance Agreement Permit No. **TDA -295**



TEXAS DEPARTMENT OF AGRICULTURE
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Or 1-800-735-2989 (TDD/TT)

Firewood and Unprocessed Wood Products Permit

This permit certifies that the quarantined articles contained in this shipment comply with the phytosanitary requirements of California Exterior Quarantine 3251 (Chestnut Bark Disease and Oak Wilt Disease)

Shipper: _____

Address: _____

Compliance Agreement Permit No. TDA -299



TEXAS DEPARTMENT OF AGRICULTURE
COMMISSIONER SID MILLER
P. O. Box 12847 □ Austin, Texas □ (512) 463-7476
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Or 1-800-735-2989 (TDD/TT)

Firewood and Unprocessed Wood Products Permit

This permit certifies that the quarantined articles contained in this shipment comply with the phytosanitary requirements of California Exterior Quarantine 3251 (Chestnut Bark Disease and Oak Wilt Disease)

Shipper: W W Wood Inc

Address: P.O. Box 398, 1799 Corgey Road, Pleasanton, TX 78064

Compliance Agreement Permit No. TDA-297

HEAT TREATMENT PROCEDURE

1. Heat treatment procedures may employ steam, hot water, kilns, or any other method that raises the temperature of the **center** of the wood to at least 160°F (71.1°C) and maintains the center temperature for at least 75 minutes.
2. A diagram of the treatment facility to include at a minimum: dimensions, capacity, circulation fans, heat input location, and door locations should be recorded, and made available to the Texas Department of Agriculture when requested.
3. The temperature monitoring equipment (thermocouples, temperature data loggers, etc.) must be accurate to within +/- 0.5 °C (0.9 °F) at the treatment temperature, capable of collecting temperature data at least once every five (5) minutes and recording or storing data for 30 days. The temperature monitoring equipment must be calibrated. In addition, if a permanent temperature recording system is used, the system must be recalibrated when any part or portion of the system is repaired or replaced.
4. Temperature monitoring equipment must be able to provide a record of the treatment that identifies each sensor and indicates time and temperature.
5. Internal wood product temperatures shall be obtained and verified by sensors located in the larger pieces of firewood, or piles, stacks or containers of wood chips or chunks at representative locations. The number of temperature sensing elements required per load will vary with the size of the load. The minimum requirement is four (4) sensors – one (1) for measuring air temperature and three (3) for measuring internal wood or wood product temperature. For loads greater than 5,000 ft³ (142 m³) of wood, a minimum of one additional sensor for measuring internal wood temperature must be provided for each additional 2,000 ft³. At least one sensor shall be placed in a large firewood piece or inserted into the stack of wood chip or wood chunk pile in a portion of the load furthest away from initial heat circulation. Sensors will be placed in pre-drilled holes to measure the core wood temperature of firewood. Probes are to be sealed into each hole with putty (electricians' putty is recommended) to prevent reading ambient air temperature. Other recording arrangements may be considered if approved by TDA.
6. Begin treatment when **all** the temperature sensors reach the threshold temperature of 160° F (71.1° C). Treatment will be complete when all temperature probe readings are at or above the threshold temperature for the entire 75 minutes.



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Internet Address: www.TexasAgriculture.gov
Hearing impaired: 1-800-735-2988 (voice)
Or 1-800-735-2989 (TDD/TT)

Firewood and Unprocessed Wood Products Permit
Texas-Florida Master Permit – FL-WP2019-06

This permit certifies that the quarantined articles contained in this shipment comply with the phytosanitary requirements of the Florida Administrative Code 5B-65.001 to 65.005, and 5B-26 (Oak wilt Disease)

Shipper: **WW Wood, Inc.**

Address: P.O. Box 398, 1799 Corgay Road, Pleasanton, TX 78064

Compliance Agreement Permit No. **TDA-291**



TEXAS DEPARTMENT OF AGRICULTURE
COMMISSIONER SID MILLER
P. O. Box 12847 □ Austin, Texas □ (512) 463-7476
Internet Address: www.TexasAgriculture.gov
Hearing impaired: 1-800-735-2988 (voice)
Or 1-800-735-2989 (TDD/TT)

**Firewood, Cooking and Smoking Woodchunks and
Unprocessed Wood Chips Permit**

**This permit certifies that the regulated articles contained in this shipment were heat-treated
as prescribed under the USDA-APHIS-PPQ Treatment Program Manual Protocol T 314-a**

Shipper: **WW Wood Inc**

Address: P.O. Box 398, 1799 Corgay Road, Pleasanton, TX 78064

Compliance Agreement Permit No. **TDA - 271**



Missouri Department of Agriculture
Plant Industries Division/Plant Pest Control Bureau
PO Box 630/1616 Missouri Blvd
Jefferson City, Missouri 65102
573-751-5505 mda.mo.gov

Firewood Compliance Agreement

Renewal of Compliance agreement # Firewood-25-001

1. NAME AND MAILING ADDRESS OF ESTABLISHMENT: Timberland Forest Products 3772 US Highway 160, West Plains, MO 65775		2. ADDRESS(S)/LOCATION(S) OF PROCESSING/SHIPMENT ORIGIN: Timberland Forest Products 3772 US Highway 160, West Plains, MO 65775	
3. E-MAIL ADDRESS:	4. OFFICE PHONE: CELL PHONE		5. STATE(S) SHIPPING OR EXPORTING TO: Florida
6. APPLICABLE REGULATIONS: Note: This compliance agreement does not pertain to international shipments. A. Florida Department of Agriculture and Consumer Services, Division of Plant Industry, Rule 5B-65, Firewood and Unprocessed Wood Products B. Missouri Plant Law RSMO 263.070.7			
7. THE FOLLOWING ARTICLES ARE REGULATED UNDER FLORIDA'S FIREWOOD AND UNPROCESSED WOOD PRODUCTS RULES, CHAPTER 5B-65, F.A.C.: Firewood or unprocessed wood products including palm products and cut Christmas trees. Firewood is defined as "cut wood products intended for burning." Unprocessed wood products include "bark, trunks, limbs, stumps or other woody plant material that results from yard waste, tree trimming, tree removal including wood, incorporated into the construction of furniture, handicrafts, planting containers or other products that have not been treated, processed or finished to eliminate plant disease pathogens, wood boring pests, and wood inhabiting pests as defined in subsections 5B-65.002(1)(f), (k) and (l), F.A.C.			
8. I/WE AGREE TO THE FOLLOWING: A. That in authorizing and participating in these treatments/requirements as a basis for the certification of regulated articles, no liability shall be attached either to the Missouri Department of Agriculture, to cooperating agencies, or to any of their employees in the event of injury to property or the regulated articles. B. To safeguard and use all permits and certificates in accordance with instructions and applicable state laws. C. To maintain and offer for inspection such records as may be required. D. All shipments of firewood or unprocessed wood products destined to Florida shall be accompanied by a certificate indicating compliance with Florida's Firewood and Unprocessed Wood Products rules, Chapter 5B-65, F.A.C. E. Affix certification bearing the grower name and compliance number to the shipping documents accompanying each shipment and to each individual package of firewood. F. Keep records of shipments going out under this compliance agreement for three (3) years. G. Any shipment of firewood or unprocessed wood products found to be infected or infested with pests or plant disease pathogens by the Florida Department of Agriculture as defined in Chapter 5B-65, F.A.C., shall be disposed of in accordance with 5B-65.005, F.A.C., and acceptance by Florida of further shipments of firewood or unprocessed wood products from the party in violation shall be suspended. The suspension shall remain in effect until the department of agriculture of the state of origin has notified the Division of Plant Industry in writing that the shipper is in compliance with all requirements for treatment of firewood or unprocessed wood products. H. That I have the authority to enter into this agreement with the Missouri Department of Agriculture (MDA). I. Only firewood will be shipped under this compliance agreement. J. Firewood destined to Florida under this compliance agreement must be treated in the following manner: a. USDA Treatment Schedule T314-c: 160°F (71.1°C) for 75 minutes.			
9. NAME OF OWNER OR MANAGER (PRINT) Evan Tucker		10. TITLE Plant Manager	11. DATE SIGNED 7-16-25
12. SIGNATURE OF OWNER OR MANAGER Evan Tucker			
This agreement becomes effective when signed and will remain in effect until December 31, 2025 unless rescinded for non-compliance or is modified or altered without the consent of the Missouri Department of Agriculture. This is a renewal of compliance agreement Firewood-16-001 originally established November 20, 2015.			
13. STATE ENTOMOLOGIST, MISSOURI DEPARTMENT OF AGRICULTURE Rosalee Knipp (PRINT) (SIGN) (DATE) 7/16/2025			