

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
MATERIALS CONTROL, SOILS AND TESTING DIVISION

MATERIALS PROCEDURE

ACCEPTANCE CRITERIA TO DESIGNATE A WOOD TREATMENT PLANT AS AN
APPROVED SOURCE OF WOOD PRODUCTS

1. PURPOSE

- 1.1 To provide the procedures for the quality assurance of wood products and for the certification of wood treatment plants.
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2. SCOPE

- 2.1 This procedure shall apply to all treated and untreated wood products purchased by the West Virginia Division of Highways (WVDOH).
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3. REFERENCED DOCUMENTS

3.1 *AASHTO Standards:*

- AASHTO M 168
- ASHTO M 133

3.2 *ASTM Standards:*

- ASTM D 25

3.3 *Other Standards:*

- American Wood Protection Association (AWPA) Book of Standards
 - Southern Pine Inspection Bureau Grading Rules
 - U.S. Department of Commerce Standard PS-1
 - U.S. Department of Commerce Standard PS-20
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4. TREATED WOOD PRODUCTS

- 4.1 Wood treaters will be identified as either certified or noncertified.

4.2 Certified Wood Treatment Plants

- 4.2.1 Certified wood treaters will provide the following information about their plant and agree to the following condition.

4.2.1.1 Grading rules,

4.2.1.2 Drying process,

- 4.2.1.3 Treatment process,
- 4.2.1.4 Method of sampling,
- 4.2.1.5 Method of testing preservative and retention,
- 4.2.1.6 Name of person responsible for each above item,
- 4.2.1.7 Method of documentation, and
- 4.2.1.8 Provide documents that indicate the plant complies with the requirements of the AWWA Book of Standards, and AASHTO M 133 when producing wood products for Division purchase.
- 4.2.1.9 Provide access to their plant for an in depth inspection by Division personnel. This inspection will include sampling and testing of material on site.
- 4.2.2 Upon successful completion of the above, the Division will assign the wood treater a laboratory number. This number will be used as identification on all documents provided the Division.
- 4.3 Noncertified Wood Treatment Plants
 - 4.3.1 Treatment plants who do not meet the requirements of Section 4.2 or who do not want to become certified may provide material to the Division under the following conditions:
 - 4.3.1.1 Material will be graded, sampled, and tested on a lot to lot basis by an inspection agency acceptable to the Division. Applicable test results must be submitted to Materials Control, Soils and Testing Division.
 - 4.3.2 The Division will review the data provided in Section 4.3.1.1. If the material meets specification requirements, a laboratory number will be assigned to the lot of material.

5. ACCEPTANCE PROCEDURE FOR CERTIFIED TREATERS

- 5.1 At least once a year, the Division or its representative will perform an inspection of the wood treatment's plant. The inspection may consist of the following:
 - 5.1.1 An in depth review of the wood treater's quality control procedures to assure compliance with the approved quality control plan.
 - 5.1.2 Random samples will be selected of materials supplied by the wood treater. These samples need not to be taken from materials being supplied to the Division, but must be of similar specification requirement. These samples will be tested by the Division.

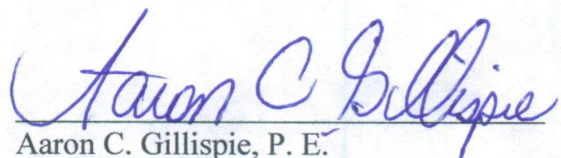
- 5.2 If the quality control documentation, or random sampling, and testing reveal noncompliance with the specification, the wood treater may be removed from the approved list.
- 5.3 Approval may be reinstated at the discretion of the Division, after the corrections of all deficiencies can be documented and the wood treater has reestablished their quality control to the satisfaction of the Division.

6. SHIPPING DOCUMENTATION (CERTIFIED OR NONCERTIFIED)

- 6.1 The wood treater shall furnish to the project or the Division (when purchase order material is shipped) a shipping document. This document must include the following information:
1. Date of shipment,
 2. Project or purchase order number,
 3. Description and quantity of material shipped, and
 4. Wood treater's approval laboratory number or laboratory number assigned to the lot of material by the Division.

7. PROCEDURE AT DELIVERY SITE

- 7.1 Division personnel will visually inspect each shipment and review information on the shipping document in accordance with Section 6.1.
- 7.2 All shipments that are damaged, incomplete, or otherwise considered to be in noncompliance with the specifications shall be rejected.



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