

**STATE OF OHIO
DEPARTMENT OF TRANSPORTATION**

**SUPPLEMENT 1072
CERTIFICATION PROCEDURE FOR PRESSURE TREATED LUMBER
April 15, 2005**

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1072.01 Scope

Pressure treated lumber materials meeting the materials requirements of ODOT Construction and materials specifications, 710.12, 710.14, 711.26, 712.06 and/or 725.19, standards, or plans will be acceptable for direct shipment and immediate use in construction projects. Producer/suppliers conforming to this supplement are authorized to provide certified pressure treated lumber products. This supplement makes no changes or revisions to any ODOT, ASTM or AASHTO specifications for pressure treated lumber products. Producer/suppliers will direct ship pressure treated materials to ODOT projects. Certified materials are not transferable.

1072.02 Procedure

1. Request certification by:

Submitting a letter to the Department stating that the material proposed for certification will meet current Department specifications.

Warranting the Department against all costs in any corrective action required due to inclusion of non specification material in the work..

Including a statement your company representative read and understands the responsibilities required of a certified producer/supplier conforming to this supplement. Submitting the name of a quality control representative (QCR) as the Department's point of contact.

2. Provide a quality control plan (QCP) defining all procedures used to assure:

- a. Wood products meet the species, grading and strength requirements
- b. Preservative treatments meet AASHTO M133 materials requirements and retention requirements of 712.06, 713.19, M133 and the applicable AWWA specification
- c. Dimensional sizes of material supplied meet ODOT specifications
- d. All wood fabrication is completed before pressure treatment.
- e. Markings meet the requirements of M133

- f. Procedures for maintaining documentation of production control tests and the following information for at least three (3) years.
 - Type 710.11, 710.12, 710.14, 710.16, 711.26 or 712.06.
 - Date and type of pressure treatment.
 - Species
 - Diameter or sawed square size.
 - Length.
 - Quantity.
 - Retention in lbs per cu ft.
 - Project Destination.
 - Invoice numbers
 - Date shipped.
- g. Perform lumber core sampling at least three (3) times per year, or as required by the Office of Materials Management.
- h. Include certified test data of the last core tests in the documentation. [Copies of this certified test data for the core tests will be considered as suitable documentation for firms supplying wood components under as certified guardrail or fence programs.]
- i. Mark individual components with your manufacturer identification stamp.

1072.03 Quality Control Plan Acceptance

Submit a written Quality Control Plan (QCP) for approval. OMM will review the QCP within 30 days and accept, accept as noted or reject. Revise and resubmit rejected QCPs. Revise and forward accepted as noted QCPs for the record.

There is no standard quality control plan. Each producer/supplier will develop their plan. ODOT will not provide standard plans. Provide a QCP above the minimum to help assure a quality operation. ODOT will meet with any producer/supplier to help eliminate multiple submissions, misunderstandings and communication issues.

1072.04 Field inspection

The project engineer will perform visual inspections of delivered materials. Unacceptable materials will be rejected.

1072.05 Shipping of Certified Materials to a Project

Ship certified materials using the TE-24 electronic documentation program. Suppliers will be furnished sample ID numbers for each pressure treated lumber item being certified. When shipping certified materials also provide a bill of lading identifying all individual components incorporated in the shipment.

Lumber construction shipping items include:

- 1. WOODPOST (guardrail or fence) Each *
 - a. Guardrail
 - Blocks (if required) are incidental to posts and will show in bill of material
 - b. Fence

- Braces (if required) are incident to posts and will show in Bill of material
- | | |
|-------------------------------|------------------------------|
| 2. LUMBER (Dimensional) | Lineal feet (meter) * |
| a. Treated dimensional number | |
| 3. PLYWOOD | Square feet(meter) * |
| a. Treated plywood | |
| 4. TIMBER PILING | LF (meter) * |
| a. Round | |
| b. Square | |
| 5. NOISE BARRIER PANELS | Square feet (Square meter) * |
- * Use actual quantity of item

Producer/suppliers not currently on the TE-24 system can access the Department's web site for application information [<http://www.dot.state.oh.us/testlab/applists/vWarehouse/odotvw.htm>] or call OMM at 614-275-1300.

Properly complete a TE-24 for project shipment. Refer to the Department's web site for instructions. Correct TE-24s include:

1. State Project number
2. The correct construction item
3. The quantity of the construction item shipped
4. Correct reference number of the project item [for projects where there are multiple fence each reference number will have a separate entry on a correct TE-24]
5. The correct sample ID number

Delivery of Individual wood product construction material items may be by various certified producer/suppliers. Further breakdown of the materials components for certification is not an option. Producer/supplier's are responsible for acceptability of materials shipped under their TE-24.

Example info on a TE-24:

Typical certified TE-24 fence shipment might include the correct lines for EACH REFERENCE

- 1 Wood Posts - in comments incorporate size
- 2 Lumber - in comments incorporate size

Transfer of materials by TE-24 is not an alternative.

1072.06 Quality Assurance

Random inspections will be performed. ODOT quality assurance inspectors (QAI) will check testing procedures, QCP compliance, actual dimensions and coating thicknesses, and documentation at the certified producer/supplier. OMM may obtain random samples from the producer/supplier's stock or at the project. Random samples will be tested. For any non-specification materials, OMM will determine the cause.

Following the accepted QCP which documents specification compliance relieves the producer/supplier of responsibility for non-specification material. Failed samples may require modifying the current accepted

QCP. Not conforming with the accepted QCP makes the producer/supplier responsible for replacement of non-specification material and possible loss of certification under 1072.07.

1072.07 Loss of Certification

Producer/suppliers not conforming with their QCP and/or specification requirements may lose certification. Criteria for loss of certification is:

- 1 Three (3) non-compliance items in a single QA inspection of a lumber supplier.
- 2 Any single non-compliance item repeated three (3) times in any six(6) month period.
- 3 Two (2) non-compliance items in two (2) consecutive QA inspections.

Items 1 thru 3 defined by the QAI as non-critical or unusual may allow the producer supplier retention of certification but will require revising their QCP; providing additional training for their QCR; and/or re-demonstrating understanding of the QCP processes.

- 4 QAI validation of improper materials testing, incomplete test results or false test data will mean loss of certification.

Producer/suppliers will lose certification under four (4) and are responsible for replacement of all nonconformance materials.

Appeal Items 1 thru 3 to the Administrator of the Office of Materials Management. There is no of item 4. There will be no grace period for removal. Minimum removal period is 180 days.

1072.08 Re-certification

Producer/suppliers may re-apply for certification after their removal period.