

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

MATERIALS PROCEDURE

QUALITY CONTROL OF STEEL FENCE POST STUDDED TEE TYPE

- 1.0 PURPOSE
- 1.1 To provide acceptance procedures for certified and non-certified sources of studded tee type steel line fence posts for use with farm field fence.
- 2.0 SCOPE
- 2.1 This procedure is applicable to studded tee type steel fence posts.
- 3.0 GENERAL
- 3.1 To become certified (a Division approved source - Section 4.4), it is the manufacturer's responsibility to maintain a Quality Control System assuring only material meeting the governing specification is supplied.
- 3.2 When fence posts are obtained from a supplier rather than the producer, the responsibility for maintaining the Quality Control System is not relieved.
- 4.0 MANUFACTURER'S CERTIFICATION
- 4.1 A manufacturer that has demonstrated, via test data developed by the Division, the ability to supply specification fence posts on a regular basis will be considered for certification.

- 4.2 When a manufacturer has met the above criteria, personnel from the Division (or their representative) will visit and inspect the complete manufacturing process. At that time, the manufacturer will randomly sample and test at least one galvanized post. This sample will be taken and tested in the presence of the Division's representative. Additional samples may also be taken and tested by the Division as deemed necessary.
- 4.3 Tests to be conducted: AASHTO M 281 and M 111.
- 4.4 When the manufacturer's Quality Control Program is approved, a laboratory number will be issued for that manufacturer and placed on an approved source list.
 - 4.4.1 After certification (approval), the Division may request the manufacturer to submit randomly selected test data representing material shipped.
 - 4.4.2 Division representatives will visit the manufacturer at least once a year, at which time a sample will be chosen at random for a test. At the discretion of the Division this sample may be tested at the manufacturing site and observed by the Division, or the sample may be tested at the Division's facilities.
 - 4.4.3 Any deviation of test results from the specifications will require additional sampling and testing, and may be considered cause to remove the manufacturer from the certified status.
- 4.5 After certification, the manufacturer submits with each shipment to a project or supplier, a document identifying the manufacturer, the approved source laboratory number, length of posts, quantities, and project number. When a supplier receives fence posts from an approved source, the supplier must identify the manufacturer and the approved source laboratory number shipping documents to the project.

4.6 Upon receipt at the project, the project will record the following on Form HL-440:

Material - Studded Tee Posts with Accessories

Quantity - For each length

Name - Of certified source


Approved Source Laboratory Number - In effect when the material was received.

5.0 NON-CERTIFIED MANUFACTURERS

5.1 Non-certified manufacturers or other suppliers may supply studded tee posts to the Division from approved LOTs only. Each shipment must be sampled, tested, and identified in accordance with MP 700.00.01. A sample for each shipment will be randomly selected by the Division or their representative. In the event of failure, two samples will be selected and tested. Should one of these samples fail, the LOT will be rejected. Documentation for acceptable posts will be in accordance with MP 700.00.01.

6.0 DIVISION DOCUMENTATION

6.1 Project personnel will review all shipping documents to assure quantities are correct and all information is included. The posts must be inspected for damage. Damage Material will be rejected.



Gary L. Robson, Director
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