

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

MATERIALS PROCEDURE

---

ACCEPTANCE CRITERIA TO DESIGNATE A PRODUCTION MILL AS AN APPROVED  
SOURCE OF PLAIN REINFORCING STEEL BAR

---

**1. PURPOSE**

- 1.1 To establish a procedure for the qualification of producing mills that supply plain reinforcing steel bar.
- 

**2. SCOPE**

- 2.1 This procedure shall apply to all producing mills that supply plain reinforcing steel bar for the West Virginia Division of Highways (WVDOH).
- 

**3. REFERENCED DOCUMENTS**

3.1 *AASHTO Standards:*

- AASHTO M 31M, Deformed and Plain Carbon-Steel Bars for Concrete Reinforcement
  - AASHTO R 53, Qualification of Deformed and Plain Reinforcing Steel Bar, Welded Wire, and Wire Producing Mills
- 

**4. PLAIN REINFORCING STEEL BARS**

- 4.1 Producing mills will be identified as either certified or noncertified.
- 4.2 Certified Producing Mills
- 4.2.1 A producing mill shall provide the following documents and agree to the following condition:
- 4.2.1.1 National Transportation Product Evaluation Program (NTPEP) certificate of compliance,
- 4.2.1.2 A letter stating the following and signed by a representative who has the authority to bind the company:
- 4.2.1.2.1 All plain reinforcing steel bars shipped for WVDOH use conform to WVDOH specifications.



- 4.2.1.2.2 All plain reinforcing steel bars shipped for WVDOH use is a domestic steel product as per Section 106.1.1.6 of the WVDOH Standard Specifications.
- 4.2.1.3 Provide access to the producing mill for an in depth inspection by the Division. This inspection may include sampling and testing of plain black reinforcing steel bars on site.
- 4.2.2 Upon successful completion of the above, the Division will assign the producing mill a laboratory number. This number will be used as identification on all documents provided the Division.
- 4.3 Noncertified Producing Mills
  - 4.3.1 Producing mills who do not meet the requirements of Section 4.2.1 or who do not want to become qualified may provide material to the WVDOH under the flowing condition:
    - 4.3.1.1 The Division, or an inspection agency acceptable to the Division, will sample and test plain reinforcing steel bars on a lot to lot basis. The applicable test results shall 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 plain reinforcing steel bar meets specification requirements, a laboratory number will be assigned to the lot of material.

---

**5. ACCEPTANCE PROCEDURE FOR CERTIFIED PRODUCING MILLS**

- 5.1 A producing mill who requests to be designated as a WVDOH approved source for plain reinforcing steel bar shall participate in NTPEP and have a current NTPEP certificate of compliance.

---

**6. SHIPPING DOCUMENTATION (CERTIFIED OR NONCERTIFIED)**

- 6.1 The producing mill shall furnish to the project or Division (when purchase order material is shipped) a shipping document. This document should include the following information:
  - 1. Date of shipment,
  - 2. Project or purchase order number,
  - 3. Description and quantity of black reinforcing steel bars shipped, and
  - 4. Producing mill's approval laboratory number or laboratory number assign to the lot of material

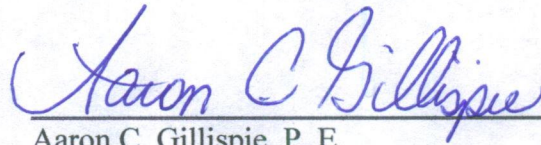
---

**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.



---

Aaron C. Gillispie, P. E.

Director

Materials Control, Soils & Testing Division