

---

**Test Procedure for****SAMPLING REINFORCING STEEL****TxDOT Designation: Tex-709-I****Effective Date: March 2008**

---

**1. SCOPE**

- 1.1 This test method outlines the procedure for sampling smooth and deformed reinforcing steel bars, cold drawn steel wire, and welded wire fabric.
- 

**2. SAMPLING**

- 2.1 An authorized Department representative must select samples from reinforcing steel furnished by producing mills approved by CST/M&P. Perform sampling at the discretion of the Engineer, when the quality of the material is questionable.
- 

**3. PROCEDURES****3.1** *Reinforcing Steel Bars:*

- 3.1.1 Sample reinforcing steel bars by lot. A lot consists of all material offered for delivery at the same time of the same nominal size, grade of steel, type of steel, and producing mill. Take one sample per lot per 10 tons, or fraction thereof, of material.

- 3.1.2 A sample consists of two 30-in. pieces taken from the same bar.

**3.2** *Cold Drawn Steel Wire:*

- 3.2.1 Sample cold drawn steel wire by lot. A lot consists of all material offered for delivery at the same time of the same nominal size, type of steel, and producing mill. Take one sample per lot per 10 tons of material, or fraction thereof.

- 3.2.2 A sample consists of two 30-in. pieces taken from the same length or coil of wire.

**3.3** *Welded Wire Fabric:*

- 3.3.1 Sample welded wire fabric by lot. A lot consists of all material of the same size from the same producing mill. Take one sample per lot per 75,000 ft.<sup>2</sup>, or fraction thereof, of material.

- 3.3.2 A sample consists of a piece of 2 ft. by the entire width of the sheet or roll. Cut the sample into convenient sizes for shipment if desired, but not less than 2 × 2 ft. in size. The cut pieces should be match-marked to indicate where the cuts were made.
-

---

**4. DOCUMENTATION**

- 4.1 Provide a mill test report with each sample. (Reference the Department's [Material Inspection Guide](#), "Buy America Documentation Program.")
- 

**5. TAGGING/LABELING, DOCUMENTING, AND SHIPPING**

- 5.1 Follow the procedures detailed in Test Method Tex-701-I.
- 5.2 Tag or label each sample to indicate the producing mill, specification, size, and grade.
- 5.3 Securely bundle the samples.
- 5.4 Wrap the bundle to prevent damage during transit.
- 

**6. ARCHIVED VERSIONS**

- 6.1 Archived versions are available.