Test Procedure for

SAMPLING MULTIPLE PIECE TIE BARS

TxDOT Designation: Tex-711-I

Effective Dates: March 2008–December 2016.

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1. SCOPE

1.1 This test method outlines the procedure for sampling multiple piece tie bars.

2. SAMPLING INFORMATION

2.1 An authorized Department representative must select samples.

2.2 Perform sampling at the discretion of the Engineer, by production lot, or by shipping lot.

3. PROCEDURES

3.1 *Production Lots:*

3.1.1 Perform production lot sampling when material is sampled at the producer's facility.

- Couplers in a production lot must be of the same manufacture, size, and type.
- Tie bar units in a production lot must be of the same nominal size, length, and grade, and sampled at the rate listed in Table 1.

Table 1—Samples of Tie Bar Units in Production Lot

Units in Production Lot	Units to be Sampled
3,200 or less	3
3,201 to 10,000	8
10,001 and over	13

3.2 *Shipping Lots:*

3.2.1 Perform shipping lot sampling for lots that do not qualify as production lots, and for all tie bars sampled at the jobsite. All materials in a shipping lot must be from the same tie bar producer and of the same nominal size, length, and grade.

- Couplers in a shipping lot must be of the same manufacturer, size, and type.
- Sample tie bar units in a shipping lot at the rate listed in Table 2.

Table 2—Samples of Tie Bar Units in Shipping Lot

Units in Shipping Lot	Units to be Sampled
500 or less	3
501 to 1,200	5
1,201 to 3,200	8
3,201 to 10,000	13
10,001 and over	20

4. DOCUMENTATION

4.1 Provide an original signed and notarized Form 1818 (D-9-USA-1), "Material Statement," and mill test reports and certifications with shipments of multiple piece tie bars. (Reference the Department's *Material Inspection Guide*, "Buy America Documentation Program.")

5. TAGGING/LABELING, DOCUMENTING, AND SHIPPING

5.1 Follow the procedures as detailed in Tex-701-I.

5.2 Tag or mark each sample to indicate the size, grade, lot, specification, supplier, and tie bar producer.

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.

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