

**STATE OF OHIO
DEPARTMENT OF TRANSPORTATION**

**SUPPLEMENTAL 1009
METHOD OF TEST WEIGHT OF COATING
ON ZINC-COATED (GALVANIZED)
OR ALUMINUM-COATED IRON OR STEEL ARTICLES**

April 15, 2005

1009.01 **Scope** This method of test covers procedures for determining the weight of coating on all specimens from zinc or aluminum coated iron or steel articles.

1009.02 **Reagents**

- 1 Hydrochloric acid, technical grade or better.
2. Acetone, technical grade or better.
- 3 Water, potable.
- 4 Antimony chloride, technical grade or better.
- 5 Antimony chloride solution, see AASHTO T 65, Section 4.1.

1009.03 **Specimen Preparation**

- 1 Preparation of specimens for determining the weight of coating test shall be the responsibility of the Department.
- 2 The specimen shall be processed on an as-received basis unless otherwise noticeably surface contaminated.
- 3 Unclean or coated specimens will be suitably cleaned by means of appropriate solvents.

1009.04 **Procedure**

1. Proceed as in AASHTO T 65, Section 7, with the following exception:
 - a) Specimens may be stripped singularly or in groups.
 - b) After cleaning in hot water, rinse well with acetone and air dry