



INDIANA DEPARTMENT OF TRANSPORTATION

Division of Materials and Tests
120 South Shortridge Road
Indianapolis, IN 46219

PHONE: (317) 610-7251
FAX: (317) 356-9351

Eric Holcomb, Governor
Michael Smith, Commissioner

March 20, 2023

MEMORANDUM

TO: Management Representatives
Certified Aggregate Producers
Trial Phase Producers
Coordinated Testing Phase Producers

FROM: Jim Reilman, PE
State Materials Engineer

SUBJ: Certified Aggregate Producer Program -- 2023

Included below are several items pertaining to the Certified Aggregate Producer Program and Standard Specifications for 2023.

CAPP DOCUMENT LIST (3/20/2023) (see attachment)

STANDARD SPECIFICATION

904.06 The maximum dimension of individual pieces shall not be greater than three times the minimum dimension and no dimension shall exceed the maximum size listed for the respective size of riprap. The riprap will be visually inspected for size, shape, and consistency.

904.01 No. 53 Dense Graded Coarse Aggregate Adjusted allowable upper limit passing the No. 200 sieve from 10% to 13%. Effective for use beginning with June 2023 lettings (Testing Memo 22-03 allows its use on active contracts).

211.01 No. 4 structure backfill NO LONGER ALLOWED. (this is NOT retroactive and does not apply to contracts let before September 1, 2023.)

TEST METHODS

The following revisions to the **AASHTO** and **ITM** test methods have been made for 2023:

AASHTO T 11

1. Section 2.1, 2.2, and 2.3. Added several new referenced AASHTO and ASTM documents.
2. Section 5.4. Explanations of suitable oven and thermometers.

AASHTO T 27

- a. Section 2.1, 2.2, and 2.3. Added several new referenced AASHTO and ASTM documents.
- b. Section 6.4. Explanations of suitable oven and thermometers.

AASHTO T 84

1. Section 2.1, 2.2, and 2.3. Added several new referenced AASHTO and ASTM documents.
2. Section 5.5. Explanations of suitable oven and thermometers

AASHTO T 85

1. Section 2.1, 2.2, and 2.3. Added several new referenced AASHTO and ASTM documents.
2. Section 6.6. Explanations of suitable oven and thermometers

AASHTO T 112

1. Section 2.1, 2.2, and 2.3. Added several new referenced AASHTO and ASTM documents.
2. Section 4.4. Explanations of suitable oven and thermometers.

AASHTO T 113

1. Section 2.1, 2.2, and 2.3. Added several new referenced AASHTO and ASTM documents.
2. Section 4.4. Explanations of suitable oven and thermometers.

ITM 210

Section 8.1. Added different batch weight for materials retained on the 1 in. sieve.

ITM 212

Section 9.1. Added R 76 as the test method for reducing a sample.

ITM 902

Appendix A added two questions, one about X and Y components and one about X and Y averages.

ITM 910

Section 4.2. First sentence modified to state, approximately 10% of the capacity of the balance is measured.

Section 4.3. Thermometer resolution changed to say 1° Celsius.

Appendix A modified to include more information about the balance and the weights used.

Please e-mail your receipt of this document to MEhrhart@indot.in.gov. Please keep us informed of any changes to the designated Management Representative for your source, including current email address and telephone number.



Jim Reilman, PE
State Materials Engineer

Attachment: 3/20/23 CAPP Document List

cc: District Testing Engineers
M. Ehrhart
IMAA: C. Lee, K. Allison, M. Meyer
File

**CERTIFIED AGGREGATE
PRODUCER PROGRAM
DOCUMENT LIST**

1. Standard Specifications
Current Supplemental Specs. -- Sections 211, 301, 302, 303, 904, and 917
2. ITM 211 -- Indiana Department of Transportation Certified Aggregate Producer Program
(05/06/21)
3. Indiana Quality Assurance Certified Aggregate Technician Manual for Producer
Technicians (September 2022)
4. Current INDOT, AASHTO and ASTM Test Method (Attached List)

Note: All documents may be maintained electronically or by hard copies.

TEST METHODS

Indiana Test Methods

202-15T	Acid Insoluble Content of Fine Aggregates (6/16/15)
203-21P	Control Procedures for Classification of Aggregates (05/06/21)
205-17T	Acceptance Procedures for Dolomite Aggregates (5/09/17)
206-15T	Scratch Hardness of Coarse Aggregate Particles (6/16/15)
207-15T	Sampling Stockpiled Aggregates (6/16/15)
209-15T	Soundness of Aggregates by Freezing and Thawing in a Brine Solution (6/16/15)
210-22T	Class AP Coarse Aggregate for Concrete Pavement and Slab-on-Grade Concrete. (08/15/22)
211-21	Indiana Department of Transportation Certified Aggregate Producer Program (05/06/21)
212-19T	Acceptance Procedures of Air Cooled Blast Furnace Slag for Leachate Determination (8/01/19)
219-22T	Acceptance Procedures of Steel Furnace Slag for Deleterious Materials (07/14/2022)
222-15T	Specific Gravity Factor and Absorption of Lightweight Fine Aggregate (11/12/15)
224-21T	Flakiness Index of Aggregates (11/12/21)
902-22T	Verifying Sieves (02/10/2022)
906-17T	Verifying Mechanical Shakers (05/09/17)
910-22T	Verifying Balances (04/11/22)

AASHTO and ASTM Test Methods

AASHTO R 76-16	Reducing Field Samples of Aggregate to Testing Size
AASHTO R 90-18	Sampling Aggregate Products
AASHTO T 11-22	Materials Finer Than 75 μ m (No. 200) Sieve in Mineral Aggregates by Washing
AASHTO T 27-22	Sieve Analysis of Fine and Coarse Aggregates
AASHTO T 84-22	Specific Gravity and Absorption of Fine Aggregate
AASHTO T 85-22	Specific Gravity and Absorption of Coarse Aggregate
AASHTO T 112-22	Clay Lumps and Friable Particles in Aggregate
AASHTO T 113-22	Standard Method of Test for Lightweight Pieces in Aggregate
ASTM D4791-19	Flat or Elongated Particles in Coarse Aggregate
ASTM D5821-13	Determining the Percentage of Fractured Particles in Coarse Aggregate