



AGGREGATE FOR CONCRETE FIELD SECTION 1005

1005.1 SCOPE. To establish procedures for the inspection and acceptance of coarse and fine aggregate for use in concrete.

1005.2 PROCEDURE. Inspection, testing, and sampling will be governed by the instructions contained in [Field Sec 1001](#) of this Manual.

1005.2.1 Field tests required are as follows:

- (a) Sieve analysis.
- (b) Percent deleterious substance.
- (c) Lightweight particle content, including coal and lignite, in fine aggregate.
- (d) Loose unit weight [mass] of lightweight aggregate.

1005.2.2 Samples required for Laboratory tests are as follows:

- (a) Initial approval for coarse aggregate.
- (b) Source approval.
- (c) Absorption as received and rodded unit weight [mass].
- (d) Source approval for lightweight aggregate.
- (e) Production samples.

1005.3 ACCEPTANCE. Source approval is based on the results of Laboratory tests. Acceptance is based on routine tests in the field to insure compliance with Specification Sec 1005.

1005.4 RECORDS AND REPORTS. All plant records shown in [Field Sec 1001.6](#) of this Manual shall be maintained. The aggregates shall be reported through SiteManager in accordance with [Automation Section AS-3510](#) of this Manual.

