

**1115 - TEST METHODS FOR DIVISION 1100, AGGREGATES**

**SECTION 1115**

**TEST METHODS FOR DIVISION 1100, AGGREGATES**

**1115.1 GENERAL TEST METHODS**

KT tests are general procedures performed in the field and the central laboratory. They are included in Part V. Copies can be obtained by contacting the Plans and Proposals Section in the Bureau of Construction and Materials, the local DME, or the Quality Assurance Section at the Materials and Research Center. Check the special provision regarding test methods to ascertain the date of the latest revision.

<b>TITLE</b>	<b>TEST METHOD</b>
Sampling Aggregates	KT-1
Sieve Analysis of Aggregates	KT-2
Material Passing No. 200 Sieve by the Wash Method	KT-3
Percent Retained on the No. 200 Sieve by Dry Screening	KT-4
Unit Weight of Aggregate	KT-5
Specific Gravity and Absorption of Aggregate	KT-6
Clay Lumps and Friable Particles in Aggregate	KT-7
Shale or "Shalelike" Materials in Aggregate	KT-8
Plasticity Test	KT-10
Moisture Test	KT-11
Determination of Free Moisture or Absorption of Aggregate For Use in Concrete	KT-24
Determination of Percentage of Crushed Particles in Crushed Gravel	KT-31
Sieve Analysis of Extracted Aggregate	KT-34
Sticks in Aggregate	KT-35
Making, Curing and Testing Cement Treated and Unbound Bases In the Laboratory	KT-37
Moisture Contents of Asphalt Mixtures of Mineral Aggregates -Microwave Oven Method	KT-43
Uncompacted Void Content of Fine Aggregate	KT-50
Plastic Fines in Combined Aggregates by Use of the Sand Equivalent Test	KT-55
Flat and Elongated Particles in Coarse Material Test	KT-59

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### 1115.2 MATERIALS AND RESEARCH CENTER TEST METHODS

KTMR tests are procedures found at the Materials and Research Center and are not expected to be performed in the field. Copies can be obtained by contacting the Quality Assurance Section in the Materials and Research Center.

TITLE	MR TEST METHOD
Permeability for Base Course Material	KTMR-5
Soundness and Modified Soundness of Aggregates by Freezing and Thawing	KTMR-21
Durable Aggregate Test	KTMR-22
Wetting and Drying Test of Sand-Gravel Aggregate for Concrete	KTMR-23
Procedures for Testing Lightweight Aggregates	KTMR-24
Test Method for Compressive Strength of Hydraulic Cement Mortars Using 2 inch Cube Specimens	KTMR-26
Modified Specific Gravity and Absorption of Aggregate	KTMR-27
Determination of Total Acid Insoluble Residue	KTMR-28

### 1115.3 AASHTO TEST METHODS

In addition to the test methods referenced above, the following American Association of State Highway and Transportation Officials (AASHTO) test methods are used as written in the current edition of the AASHTO Materials Manual, Part II. Copies can be obtained from AASHTO, or can be viewed at the offices of the local DME, Construction and Materials Headquarters, or the Quality Assurance Section in the Materials and Research Center.

TITLE	AASHTO TEST METHOD
Organic Impurities in Fine Aggregates for Concrete	AASHTO T 21
Resistance to Degradation of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	AASHTO T 96
Lightweight Pieces in Aggregate	AASHTO T 113