

NDDOT Technical Certification Program (TCP)

Tester Certification

AGGREGATE

AGGREGATE SAMPLER

ND T 2 - Sampling of Aggregates

AGGREGATE GRADATION

ND T 2 - Sampling of Aggregates
ND T 11 - Materials Finer Than No. 200 Sieve in Mineral Aggregate by Washing
ND T 27 - Sieve Analysis of Fine and Coarse Aggregate
ND T 248 - Reducing Samples of Aggregate to Testing Size
ND T 255 - Total Evaporable Moisture Content of Aggregate

AGGREGATE FIELD LAB (REQUIRED FOR QC/QA LAB)

Aggregate Gradation, plus
ND T 113 - Lightweight Pieces in Aggregate
ND T 176 - Plastic Fines in Graded Aggregates and Soils by Use of the
Sand Equivalent Test
ND T 304 - Uncompacted Void Content of Fine Aggregate
NDDOT 4 - Percentage of Fractured Particles in Coarse Aggregate

AGGREGATE (MIX) DESIGNER

Aggregate Field Lab, plus
ND D 4791 - Flat Particles, Elongated Particles, or Flat and Elongated Particles
In Coarse Aggregate
ND T 84 - Specific Gravity and Absorption of Fine Aggregate
ND T 85 - Specific Gravity and Absorption of Coarse Aggregate
ND T 30 - Mechanical Analysis of Extracted Aggregates

ASPHALT

ASPHALT MIX TESTER (REQUIRED FOR QC/QA LAB)

ND T 166 - Bulk Specific Gravity of Compacted Asphalt Mixtures Using Saturated Surface-Dry Specimens, Method A
ND T 209 - Theoretical Maximum Specific Gravity and Density of Hot Mix Asphalt
ND T 312 - Preparing and Determining Density of Hot Mix Asphalt (HMA) Specimens
by Means of the Superpave Gyratory Compactor
NDDOT 5 - Sampling and Splitting Field Verification Hot Mix Asphalt (HMA) Samples

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ASPHALT MIX DESIGNER

Asphalt Mix Tester, plus
ND T 30, Mechanical Analysis of Extracted Aggregates
ND T 308, Determining the Asphalt Binder Content of Asphalt Mixtures by the Ignition Method.
NDDOT 7, Determination of RAP Aggregate Bulk Specific Gravity (Gsb)

CONCRETE

CONCRETE FIELD TESTER

American Concrete Institute Field Testing Technician – Grade 1 is accepted, by request for Concrete Field Tester certification.

SOIL

SOILS FIELD TESTER

ND T 99 & 180 - Moisture-Density Relations of Soils
ND T 191 - Density In-Place by the Sand Cone Method
ND D 2167 - Density of Soil in Place by the Rubber-Balloon Method
ND T 265 - Laboratory Determination of Moisture Content of Soils
ND T 255 - Total Evaporable Moisture Content of Aggregate
ND D 4643 - Microwave Method of Drying Soils

SOIL DENSITY TESTER

ND T 191 - Density In-Place by the Sand Cone Method **OR**
ND D 2167 - Density of Soil in Place by the Rubber-Balloon Method
ND T 265 - Laboratory Determination of Moisture Content of Soils
ND T 255 - Total Evaporable Moisture Content of Aggregate
ND D 4643 - Microwave Method of Drying Soils

CONTACT

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