

CONCRETE INDEX - 19

Colorado Procedures – Laboratory

| | |
|---|-----------|
| Preparing Concrete Blocks for Testing Sealants, for Joints and Cracks..... | CP-L 4101 |
| {ASTM D 1985, Primary Procedure, (this CP-L modifies select Subsections)} | |
| Specific Gravity and Absorption of Fine Aggregate [printed in color] | CP-L 4102 |
| {AASHTO T 84, Primary Procedure, (this CP-L modifies select Subsections)} | |
| Unrestrained Shrinkage of Concrete..... | CP-L 4103 |

Standard Test Procedures: AASHTO / ASTM

| | <u>AASHTO</u> | <u>ASTM</u> |
|--|---------------|-------------|
| Molds for Forming Concrete Test Cylinders Vertically..... | M 205..... | C 470 |
| Compressive Strength of Cylindrical Concrete Specimens | T 22..... | C 39 |
| Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders..... | | C 1231 |
| Making and Curing Concrete Test Specimens in the Field..... | T 23..... | C 31 |
| Obtaining and Testing Drilled Cores and Sawed Beams of Concrete | T 24..... | C 42 |
| Specific Gravity and Absorption of Fine Aggregate..... | T 84..... | C 128 |
| Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading) | T 97..... | C 78 |
| Slump of Hydraulic Cement Concrete | T 119..... | C 143 |
| Density (Unit Weight), Yield, and Air Content (Gravimetric) of Concrete | T 121..... | C 138 |
| Making and Curing Concrete Test Specimens in the Laboratory..... | | C 192 |
| Sampling Freshly Mixed Concrete..... | T 141..... | C 172 |
| Measuring Length of Drilled Concrete Cores | T 148..... | C 174 |

| | <u>AASHTO</u> | <u>ASTM</u> |
|--|---------------|-------------|
| Air Content of Freshly Mixed Concrete by the Pressure Method | T 152..... | C 231 |
| Air Content of Freshly Mixed Concrete by the Volumetric Method..... | T 196..... | C 173 |
| Splitting Tensile Strength of Cylindrical Concrete Specimens..... | T 198..... | C 496 |
| Capping Cylindrical Concrete Specimens | T 231..... | C 617 |
| Temperature of Freshly Mixed Portland Cement Concrete..... | | C 1064 |
| Preparing Concrete Blocks for Testing Sealants, for Joints and Cracks..... | | D 1985 |