

**RADISE certified or validated test methods for CONCRETE
(CMEC/ AMRL/ USACE/ FDOT)**

CONCRETE	
TEST METHOD	DESCRIPTION
C31 T23	Making and Curing Concrete Test Specimens in the Field
C39 T22	Compressive Strength of Cylindrical Concrete Specimens
C42	Obtaining and Testing Drilled Cores and Sawed Beams of Concrete
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)
C138 T121	Density (Unit Weight), Yield, and Air Content (Gravimetric) of Concrete
C143 T119	Slump of Hydraulic Cement Concrete
C172 T141	Sampling Freshly Mixed Concrete
C173 T196	Air Content of Freshly Mixed Concrete by the Volumetric Method
C192	Making and Curing Concrete Test Specimens in the Laboratory
C231 T152	Air Content of Freshly Mixed Concrete by the Pressure Method
C293	Flexural Strength of Concrete (Using Simple Beam With Center-Point Loading)
C470	Standard Specification for Molds for Forming Concrete Test Cylinders Vertically
C495	Compressive Strength of Lightweight Insulating Concrete
C511	Standard Specification for Mixing Rooms, Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the Testing of Hydraulic Cements and Concretes
C617 T231	Capping Cylindrical Concrete Specimens
C642	Density, Absorption, and Voids in Hardened Concrete
C823	Examination and Sampling of Hardened Concrete in Constructions
C873	Compressive Strength of Concrete Cylinders Cast in Place in Cylindrical Molds
C900	Pullout Strength of Hardened Concrete
C939	Flow of Grout for Preplaced-Aggregate Concrete (Flow Cone Method)
C1040	In-Place Density of Unhardened and Hardened Concrete, Including Roller Compacted Concrete, By Nuclear Methods
C1064	Temperature of Freshly Mixed Hydraulic-Cement Concrete
C1077	Laboratories Testing Concrete and Concrete Aggregates for Use in Construction and Criteria for Laboratory Evaluation



Infrastructure Engineers • Software Developers

C1231	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders
D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate