

A composite sample of concrete is not required even if the only purpose for obtaining the sample is to determine temperature. T or F - ANST

A flexural beam is filled in _____ layer(s) of approximately equal depth. - ANS2

A slump mold can be fabricated from both plastic and metal. - ANST

ACI Field Testing Technicians, Grade I or equivalent certification is not required is required when testing for slump, air content, and density, but not for making test specimens.. - ANSF

After completion of the air test - ANSa. release the pressure in the bowl by opening the petcocks.

AIR CONTENT BY PRESSURE METHOD - ANS

AIR CONTENT BY ROLL A METER - ANS

Assuming an appropriately sized coarse aggregate, it is not allowable to use the bowl of the pressure meter to determine the density of the concrete per ASTM C138. - ANSF

Begin molding test specimens within _____ minutes after obtaining the composite sample - ANS15 minutes

Confirmation of the initial meter reading is obtained when the difference between the initial and final meter readings are within _____ of each other. - ANS0.25%

Gently press concrete around the thermometer such that the _____ does not affect the reading. - ANSambient air temp

If the concrete found in the bottom of the bowl is found to be undisturbed and tightly packed, adhering to the bowl of the volumetric meter when emptied, - ANSb. the test is invalid and the sample should be discarded.

In order to determine the density of fresh concrete, it is necessary to determine _____. - ANSthe weight and volume of the filled measure as well as the weight of the empty measure.

Initial curing must continue for a period - ANSup to 48 hours

It is allowable to add a small quantity of concrete to the measure to correct a deficiency. - ANST

It is allowable to use the Air Content by Pressure Method test to measure the air content of fresh concrete made with - ANSdense aggregates only