

13 May 2024

To Concrete Testing Firms and Technicians:

We want to make you aware of a new initiative undertaken by North Dakota Ready Mix & Concrete Products Association and ready mixed concrete companies to better understand job-site testing practices for concrete. It is called the Concrete Testing Adherence Collaboration (CTAC).

As you may know, the job-site testing of concrete is an important part of providing quality concrete for construction projects. However, it is not always known how well the testing is performed, including the condition of the testing equipment and calibration, how the samples are handled, transported, and stored, and whether the correct test has been conducted. While there are standards, training, and certification through ACI, ASTM, and other programs, there have not been sufficient means to monitor the application of the testing procedures.

The CTAC program was initiated in Colorado in 2015 and has now been adopted nationwide by the National Ready Mixed Concrete Association. Individual states are implementing the program through their state associations, such as North Dakota Ready Mix & Concrete Products Association.

Under the CTAC program, ready mixed concrete companies will have their technicians go to job sites a few times a week to observe testing. They will record their observations through a cell phone app that asks 4 questions: 1) tester's certification #; 2) whether the sampling was done per ASTM C 172; 3) whether tests were completed and strength specimens molded correctly; and 4) whether the samples were stored in the initial curing environment correctly, including temperature monitoring.

The purpose of CTAC is to help inform and educate. The data will help ready mixed concrete suppliers better understand the field testing practices regarding concrete they have supplied. They will be able to share data with laboratories and other testers as requested.

We want to make you aware of CTAC, since you may soon see technicians undertaking these observations. We would be happy to provide more information or answer questions. In addition, there is information on the CTAC website at www.concretetac.com. The contact at North Dakota Ready Mix & Concrete Products Association is Brian J. Zuroff, PE.

Signed,



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