



**CONCRETE TESTING
CTAC ADHERENCE COLLABORATION.®**

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Regional Services Manager



ConcreteState

CTAC Year in Review

How did the ConcreteState do in 2023?

Our Goal

- 500 observations

Reality

- 89 total observations for 2023
- 79 observations were done by one member

Members signed up for the CTAC Program

- 3 members

Observers Signed up for the CTAC Program

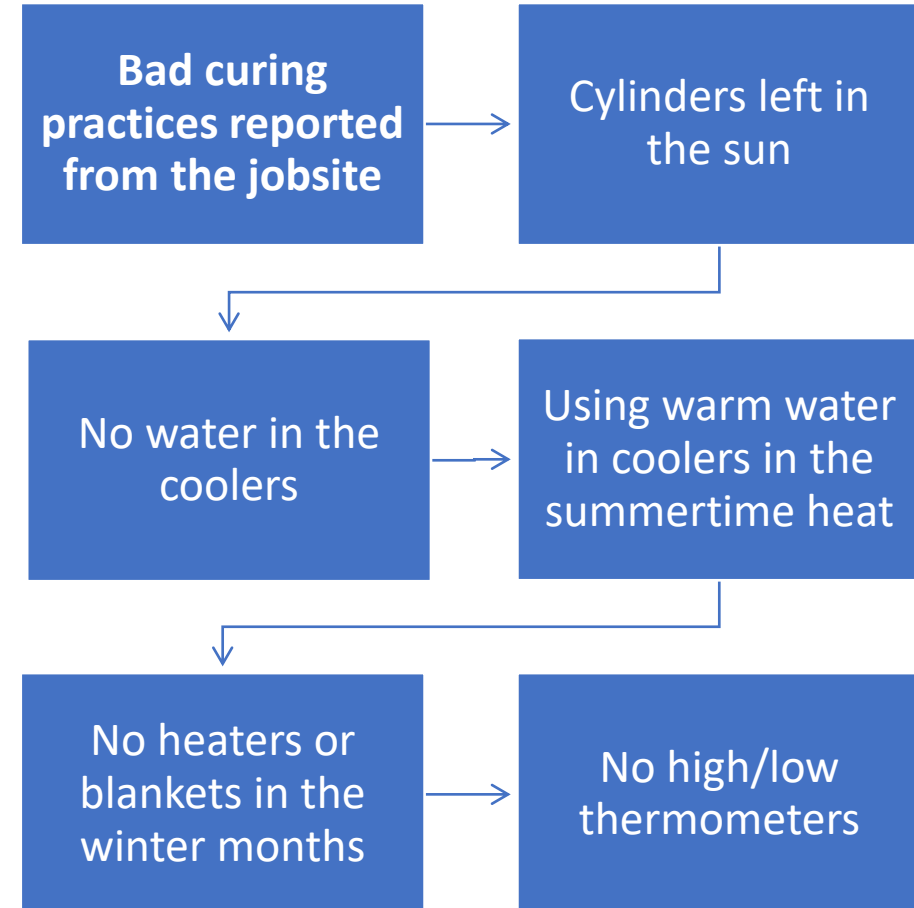
- 9 observers



Why do we need the CTAC Program?

78 out of the 89 observations completed had cylinders made

- 27% of the time cylinders were being cured properly.
- **73% of the time cylinders are not being cured properly**



Recent Success Stories from Kansas City Metro



1. Summer 2023 Testing company purchased 100 coolers



2. Summer 2023 Testing company purchased a gross of min/max thermometers



3. August 2023, **City inspector, new CTAC observer**, asked testing company to put the equipment on level ground, explained why (was on the back of a pickup truck, on a hill). They did. The next day, same tester and same municipal inspector, had to ask the same question again. Tester: “Do I have to do this every time?”



4. CTAC saved a Ready-Mix Producer from tearing out a job, based on the pictures and the notes on CTAC report.

Recent Success Stories from Iowa

Rodding depth was insufficient, and the pot was only struck once. This was discussed with the technician and the following test were conducted correctly

The penetration into the cone was not at the proper depth. This was discussed with the technician and all additional testing was conducted appropriately.

I was out on a project a saw a technician not rodding into the next layer when doing an air test. I explained that he needed to go an inch into the previous lift. He thanked me and made the adjustment.

What have we learned from the CTAC program?

Cylinders are not being cured properly

Producers and testing companies are not being asked to pre-pour meetings

ACI 301 and AIA – They do not speak the same language



Pre-Construction Meeting

On-site Communication

Meet Expectations through Industry Partnership

Successful Project

Long-Lasting Industry Relationships

Pre-Construction Meeting/Checklist

Questions for a pre-pour meeting?

- Where are the trucks backing in
- Where are they washing out
- Where is the testing Co. setting up
- Where are we curing the cylinders and who oversees them
- Slump



How do we grow the CTAC Program in Iowa?



It starts with you, get your observers signed up



Get them in the field and start observing



Go to pre-pour meetings



Invite me out to your projects



Communication, Communication



Thank you!

Scan the QR Code below for my
contact information



Questions?