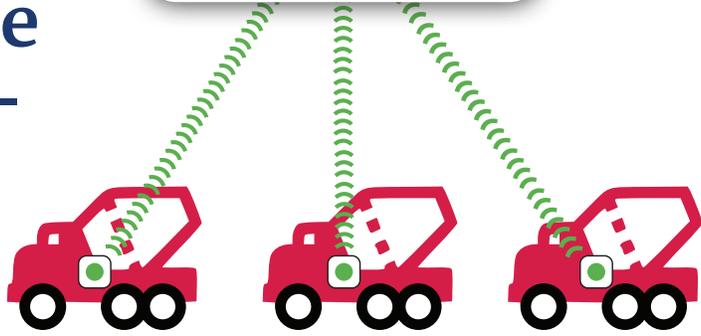




Delivering Concrete as You Ordered It—Every Time



VERIFI® IS A CONCRETE SLUMP MANAGEMENT SYSTEM INSTALLED ON READY-MIX TRUCKS

Verifi® sensors and controls on the truck measure, manage and record:

- Slump
- Temperature
- Load size
- Age
- Water
- Admixture
- Drum speed
- Revolutions

Result: Optimum concrete slump control. Concrete arrives on site—"delivered as you ordered it."

Verifi® Benefits

- ✓ Takes the guesswork out of the slump.
- ✓ Consistent concrete saves you time. 
 - Concrete arrives on-site ready to unload, with no need for on-site adjustments
 - Concrete is faster and easier to finish and place
 - Fewer defects and rejected loads means fewer delays
- ✓ No surprises.

VERIFI®: A CLOSER LOOK

- ✓ Sensors and controls on the Central Concrete truck will measure, manage, and record multiple attributes. This will result in increased concrete quality through real-time management and control of slump and monitoring of temperature during transport.
- ✓ Adopting this system eliminates the manual additions of water through a ball valve at the back of the truck. Using Verifi, Central Concrete will be performing automatic water additions through a central processor mounted on each truck.
- ✓ After each water addition, the Verifi System will require the concrete to mix for 30 revolutions, as required by ASTM C94 – Standard Specification for Ready-Mix Concrete.
- ✓ To take the guesswork out of slump measurement, hydraulic pressure sensors are being used to measure the slump of the concrete and automatic water additions will occur based on a calibrated curve for that mixture design.
- ✓ If you require a higher slump than what was requested at the time of order placement, indicate to the driver the desired slump and he/she will adjust through the Verifi System. See FAQs Q#3 and Q#4 on reverse side for further clarification.
- ✓ Information for every load is recorded on the Verifi web portal and summary reports for your project are available upon request.
- ✓ The Verifi system meets or exceeds all requirements of ASTM C94-13. The standard specification for ready-mix concrete is the reference standard for ACI 318 -- the referenced building code requirements of Section 1905 of the California Building Code.

FOR MORE INFORMATION

Visit www.VerifiConcrete.com

Frequently Asked Questions

Q#1. WHY IS CENTRAL CONCRETE USING VERIFI®?

A. Central Concrete adopted the Verifi System to take the guesswork out of the slump, and allows us to arrive on-site with consistent concrete, ready to unload. Adopting this system eliminates making manual adjustment to achieve the proper slump, thereby saving valuable time on the job.

Q#2. HOW DOES VERIFI® WORK?

A. Verifi is tied into Central Concrete's batch panels and dispatch systems, providing real-time data from start to finish, for each and every load. Instead of adjusting water with the ball valve, we now meter it through the cab computer. We retemper (add water) and secure results after 30 revolutions, per ASTM C94.

Q#3. HOW DO I REQUEST A SLUMP CHANGE WHEN THE TRUCK IS ON-SITE?

A. If you require a higher slump than what was requested at the time of order placement, indicate to the driver the desired slump and he will adjust through the Verifi system. Any adjustments must be signed for on the delivery tag.

Q#4. WHAT IF MY SLUMP REQUEST IS OUTSIDE OF THE DESIGN PARAMETERS OF THE MIX DESIGN I AM POURING?

A. The customer accepts full responsibility for any adjustments to the mix design outside of the designs specification. It is best to contact your Central Concrete Project Team Member. They will work with you to ensure you are receiving the most appropriate mix for the job you are working on.

Q#5. WHAT DO I DO IF I DISAGREE WITH THE SLUMP READING THAT VERIFI® IS DISPLAYING?

A. If you do not believe the displayed slump is correct, you should request to have the slump checked by an onsite ACI certified technician. Many concrete mixes can be very difficult to determine an accurate slump without conducting an actual ACI slump test, therefore please DO NOT rely upon a visual slump to determine the slump of the concrete. If after conducting a proper slump test, it is confirmed that the Verifi system is reporting an incorrect slump you should note this on the delivery ticket and ask the concrete delivery professional to make the needed slump adjustments through the Verifi system. He will also notify the Central Concrete Quality Control department to validate the calibration of the truck.

Q#6. CAN I SEE HOW VERIFI® HAS MANAGED MY LOAD OF CONCRETE?

A. Yes. Contact your Central Concrete Project Team Member and he/she will be able to provide you with documentation of the history of your load of concrete, from the time it was batched until placement.

Q#7. DOES VERIFI® AFFECT THE CHARACTERISTICS OF MY CONCRETE?

A. No, we will continue to provide you the same high quality concrete with the same characteristics.

Q#8. HOW OFTEN IS VERIFI® CALIBRATED?

A. Verifi is calibrated after initial installation and whenever it is suspected that results are inaccurate. Water and admixture meters are calibrated at the factory. NRMCA requires that water meters be recalibrated every 12 months. Some state's DOT's require more frequent water meter re-calibration.

Q#9. CAN AN INSPECTOR GET VERIFI® DATA?

A. The driver can show the inspector data on the in-cab interface. In the future, the inspector can use the Verifi mobile app. Central Concrete can provide a printout of the load report after the delivery is complete.

Q#10. IS VERIFI® APPROVED TO USE ON DOT JOBS?

A. Yes.

Q#11. CAN VERIFI® MANAGE PERVIOUS CONCRETE, FLOWABLE FILL, OR SCC?

A. We anticipate having the ability to manage SCC and similar mixes in the near future.

Q#12. DOES DRUM BUILD-UP AFFECT SLUMP MEASUREMENT?

Routine drum build-up does not affect slump measurement. Exceptions are excessive drum build-up or if all the build-up is on one side of the drum.

CONTACT YOUR CENTRAL CONCRETE PROJECT TEAM MEMBER IF YOU HAVE FURTHER QUESTIONS OR REQUIRE FURTHER CLARIFICATION.

Central Concrete Supply, Co., Inc. Headquarters
755 Stockton Avenue
San Jose, CA 95126
Main number: 866-404-1000
www.centralconcrete.com

