

# FLOOR MOISTURE ISSUES?

find your solution with the help of  
the **INTERNATIONAL CONCRETE REPAIR INSTITUTE (ICRI)**



## CONCRETE SLAB MOISTURE TESTING

- Improve the performance of concrete slab moisture testing
- Report more consistent, accurate, and reliable test results
- Make better decisions on when a concrete slab is ready for a floor covering installation

### WHAT THE EXPERTS ARE SAYING:

*"When you gain certification, you possess the required skill set to test concrete slabs with total confidence and complete understanding."*

—David Paal, Premier Flooring Services

*"...(enables) building professionals to improve the quality and performance of flooring installations."*

—Emily R. Hopps, Simpson Gumpertz & Heger

*"I have far greater confidence in moisture test data that are obtained and reported by those who are certified through the ICRI program."*

—William Thornton, Tarkett Sports Indoor Division

### UPCOMING 2017/2018 CLASSES INCLUDE:

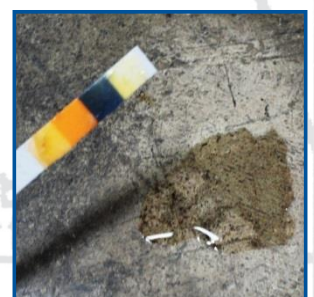
September 27-28: Baltimore, MD area

October 3-4: Pompano Beach, FL

November 7- 8: Denver, CO area

January 24-25: World of Concrete, Las Vegas, NV

January 30-31: TISE West, Las Vegas, NV



VISIT [WWW.ICRI.ORG](http://WWW.ICRI.ORG) FOR MORE INFORMATION!



## OVERVIEW

Are you dealing with moisture issues in concrete? If so, the International Concrete Repair Institute (ICRI), whose mission is to be a leading resource for education and information to improve the quality of repair, restoration, and protection of concrete and other structures, has a program for you. ICRI is pleased to offer its Concrete Slab Moisture Testing Program.

The purpose of this program is to help improve the performance of concrete slab moisture testing to result in more consistent, accurate, and reliable results that will help flooring manufacturers, architects, engineers, and contractors to make better decisions as to when a concrete floor is ready for a floor covering installation.

## CLASS DESCRIPTION

The Certification program has **two tiers**. **Tier 1** applicants are those who are not regularly engaged in slab moisture testing, yet have an active interest in learning more about the tests, what the tests mean, and how the tests should be performed. **Tier 2** applicants are those who seek full certification. Both tiers require attendance at a 3-hour educational session, followed by a written exam. Tier 2 full certification applicants will also be required to perform each of the four applicable ASTM tests under the watchful eye of a qualified judge who will not provide any level of coaching. Prequalification for acceptance into the Tier 2 full certification program is required and is based on the applicant's previous hands-on slab moisture testing experience, which must be approved by ICRI.

**Tier 1**, the *Concrete Slab Moisture Testing Educational Program*, and the accompanying Written Examination, is open to anyone. Those who successfully complete this portion of the program (including passing the Written Examination) will be awarded a Certificate of Achievement from ICRI.

The full certification program, **Tier 2**, *ICRI Concrete Slab Moisture Testing Technician—Grade 1*, consists of the same 3-hour educational session, a written exam, and a field testing performance exam. By passing both the written and field testing performance exams, an ICRI Concrete Slab Moisture Testing Technician—Grade 1 certification will be issued by ICRI, valid for a period of five (5) years. Those who pass both the written and field testing performance exams will receive a certificate and a wallet card. They can also be added to the ICRI Certified Concrete Slab Moisture Testing Technician database on the ICRI website if desired.

Both the written and performance exams will be based on the following four (4) ASTM Standards, including all Annexes and Appendixes:

- F710, "Preparing Concrete Floors to Receive Resilient Flooring; Section 5.2 pH Testing";
- F1869, "Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride";
- F2170, "Determining Relative Humidity in Concrete Floor Slabs Using in situ Probes"; and
- F2659, "Preliminary Evaluation of Comparative Moisture Condition of Concrete, Gypsum Cement and Other Floor Slabs and Screeds Using a Non-Destructive Electronic Moisture Meter."

As an option, applicants for Tier 2 without previous hands-on slab moisture testing experience, or applicants who wish to enhance their slab moisture testing ability, may take the Demonstration and Workshop. All four ASTM tests included in the certification program will be demonstrated with opportunity for hands-on testing and training by our instructors/judges. Participation in this session will fulfill the requirement of previous hands-on slab moisture testing experience necessary for acceptance into the Tier 2 full certification program.

## RECERTIFICATION

Recertification is required if continued certification is sought beyond the original *ICRI Concrete Slab Moisture Testing Technician—Grade 1* certification period. Recertification can be taken within 6 months of the original certification expiration date but not longer than 9 months after the expiration date, or the full Certification program (Tier 2)—including the Educational session, Written Examination, and Performance Examination—must be retaken in their entirety.

Recertification requires passing a Written Examination only, covering the four applicable ASTM Standards. Successful recertification will provide certification for a period of five (5) years and a new certificate and wallet card will be issued by ICRI.

**VISIT [WWW.ICRI.ORG](http://WWW.ICRI.ORG) FOR THE LATEST INFORMATION ON CLASS LOCATIONS, DATES, AND SCHEDULES.**

*If you have questions, are looking to obtain Tier 2 full certification prequalification, or are interested in an in-house certification program, please contact Ken Lozen, ICRI Technical Director, at (651) 290-6269 or [KenL@icri.org](mailto:KenL@icri.org).*