



**The American Institute of Architects (AIA)
Continuing Education Systems (CES)
Registered Provider Program Summary Handout**

Provider: **ISE Logik Industries, Inc.** Provider Number: **404108239**
2020 Program: Specifications Strategies to Eliminate Concrete Moisture
 Credits: **1 LU Hour** Program Number: **ISL03H** Length: **60 Minutes** HSW: **Yes**

Description: In the macro critical path of project delivery, installation of final floor finishes is one of the last items to occur prior to substantial completion. However, due to changes in adhesive formulations driven by concerns over indoor environmental quality, most project 09 flooring specifications require moisture testing before flooring can be installed on concrete slabs. Should/when those moisture tests fail, the project faces burdensome time delays, unexpected costs, or both. During this presentation, we will: (1) briefly discuss the history of concrete moisture and flooring; (2) examine in depth several misconceptions embedded within the AEC associated with field moisture testing and project owner and design team liability associated with concrete moisture induced flooring failure; and (3) we will give clear recommendations as to how the specifying professional can eliminate concrete moisture as a project delivery issue while simultaneously protecting the project owner and design team from project delivery delays/cost overruns and future failed flooring.

Learning Objectives: Upon completion of this course, the design professional will be able to:

1. Discuss the history leading up to adhesive formulation changes and the resulting impact throughout the 1990s.
2. Name the specific industry document that drives the requirement to moisture test all concrete slabs.
3. Investigate the genesis of current 09 flooring specification language.
4. Explore the micro-silica and isocyanate activities embedded within current flooring specification processes and practices.
5. Specify sustainable design processes that eliminate: (1) project delivery delays due to concrete slab moisture, (2) subsequent bond or moisture failures, and (3) design team liability for each.

How Taught: This program is delivered via PowerPoint presentation utilizing current, relative information associated with successful flooring/slab coating material installation derived from the appropriate literature. The CES facilitator further utilizes project 033000 Cast-In-Place Concrete Section and 09 Sections related to final concrete slab finishes to substantiate the course material in a “live case study” and interactive discussion format.

A/V Needs: The CES facilitator will supply their personal laptop from which to conduct the program. Ready access to electrical power is normally required, as is a projector and blank surface on which to project. If desired, the program can be placed on a flash drive and run off existing A/V equipment.

Target Audience: Architects, interior designers, structural engineers, general contractors, concrete sub-contractors and project owners all benefit from this course offering.

Facilitator Qualifications: ISE Logik Industries brings together the top individuals in MVRA technology and distressed flooring investigation; individuals involved at the national level on committees and associations spanning resilient flooring and ready mixed concrete. All CES facilitators for our program have been trained on CES guidelines and presentation skills and strive to deliver the best in continuing education.

Costs: This program is delivered at no cost.

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