Troubleshooting Concrete Floor Problems

ONE DAY, 7.5 HOURS

Learn to avoid or solve common problems

Program Content:

- **Moisture-Related Problems**
  - Symptoms: Moisture-sensitive flooring failures and air quality issues (mold)
  - Flooring failure causes (moisture and high pH)
  - Moisture sources in concrete
  - External moisture sources
  - Testing for moisture
  - Avoiding moisture problems
  - Dealing with moisture problems

- **Slab Curling**
  - Design for reduced curling
  - Evaluating curling problems
  - Remediating curled slabs

- **Tolerance Issues**
  - Division 3 versus Division 9 floor flatness tolerances
  - Slab-on-ground tolerances
  - Elevated slab tolerances
  - Low-spots (birdbaths)

- **Delaminations and Blisters**
  - Design and construction factors related to surface delaminations
  - Balancing risk between freezing-and-thawing damage and delamination
  - Minimizing the probability of delaminations with job site controls

Who should attend:
Contractors, design engineers, specifiers, government agencies, and material suppliers

Instructors:
Jerry A. Holland and W. Calvin McCall.

Seminar handouts:
Industry related documents—available only from ACI