

ACI San Diego Chapter – February 9, 2010 Program

"MOISTURE IN CONCRETE FLOORS --- THE FLOORING INDUSTRY APPEARS TO BE SOAKING US!"

GEOFFREY HICHBORN, SR, PE

Mr. Geoffrey Hichborn, a Civil Engineer, is the Principal of **Hichborn Consulting Group** and a Senior Consultant with **Concrete Insights Corp.**, both in Anaheim, CA, **Concrete Insights Corp.** specializes in the forensic evaluation of construction involving concrete, plaster, and masonry. **Hichborn Consulting Group** consults regarding repair methods, materials, and procedures and performs evaluations of cement, cement containing products, and gypsum based materials, including formulated and packaged materials. Working all over the nation, though mostly in the southwest, Mr. Hichborn evaluates claims of defective or damaged concrete, determining whether the materials and installation satisfy the relevant plans and specifications. For construction in service, his firms perform condition surveys in light of exposure to potentially aggressive environments and difficult soil conditions. His firms also assess distressed work, regularly considering causation and recommending repair methodologies. He investigates fire, water, wind, and earthquake damage on concrete and related construction; also claims of sulfate attack, alkali aggregate reaction, and distress to concrete by acids; flooring problems on concrete; and questions regarding concrete slabs and structures for many other conditions. Such investigations have encompassed all forms of construction, including residential, commercial, industrial and public sector. He has investigated and testified about concreting defects in newly constructed and very old work, including freshly cast concrete in new construction and foundations of 100 plus year old buildings. The scope of such work has ranged from informal verbal assessments to multi-million dollar litigation support. He has testified in arbitration hearings, mediations, small claims, municipal, superior, and federal courts, and prepared a reports used before Judge Wopner in The Peoples Court.

He frequently makes presentations and teaches seminars relating to various cement and concrete related topics. Earning a BS in Civil Engineering from UC Irvine in 1979, he has a Registered Civil Engineer in California since 1990. He is National President of the Forensic Expert Witness Association.

Mr. Hichborn's prior positions include: six years at Riverside Cement Company leaving as Manager, Technical Services, three years as President of a commercial construction materials laboratory, and two as Director of Materials Engineering, Testing and Inspection for a Geotechnical Engineering firm. Mr. Hichborn has over 30 years experience investigating cement and concrete claims and addressing related issues.

Mr. Hichborn is a Fellow of **ACI** and active in its committee work. He is a member of subcommittees **201-Durability, 225-Cement, RCC-Responsibilities in Concrete Construction, 332-Residential Concrete** and **552-Geotechnical Grouting**) and **ASTM**, (including various subcommittees of Committees **C-1, Cement** and **C-9, Concrete**) and maintains active memberships in **ASCE, ICRI, PTI, SEA, SEAOSC, PCMAC, PCI, and ASCC**, among others.

Moisture in Floors Presentation will include the following:

California construction defect litigation past and present, particularly residential, involving concrete slab cracking and the presence of moisture related to the suitability for flooring installations; Senate Bill 800 and what it means for the stakeholders in the concrete industry, especially suppliers, subcontractors, and design professionals; degree of acceptance for, initial development of, changes in, and current uses for vapor emission and relative humidity tests of concrete before and after installation of flooring; the changing authority and requirements of flooring standards; discussions of concrete provided within resilient flooring guidelines. The changing risks and potential duties for those who design, specify, order, install and supply concrete especially foundations and interior slabs.

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Place: The Butcher Shop (5255 Kearny Villa Road, San Diego, CA 92123 / Tel: (858) 565-2272)

Directions: Located just off HWY 163 & Clairemont Mesa Blvd. From South: Take 163 North to Clairemont Mesa Blvd East. Take the first two rights. We are on the left side of the street.
From North: Take 163 South to Clairemont Mesa Blvd East. Cross the 163 overpass and take the first right. Once again we are on the left side of the street.

Cost: **Member** - \$40.00 Non-Member - \$45.00 Walk-in Member or Non-Member - \$45.00
Student ACI Member - \$5.00 Student Non-ACI Member - \$10.00

Vendor Tables (6' table) \$50.00 – Members \$100.00 – Non-Members
All vendor prices include one person's entry fee

Time: Registration 11:30 AM-12:00 PM
Lunch & Presentation 12:00 PM-1:30 PM

Reservation: MUST be received by **Friday February 5, 2010**
Heather at: Phone - 619.579.1940; Email – concreteaci@cox.net; Fax – 619.258.5839

PAYMENT MUST BE RECEIVED TO CONFIRM RESERVATION!!!!!!

Mail to: ACI, San Diego P.O. Box 713110 Santee, CA 92072

"MOISTURE IN CONCRETE FLOORS" February 9, 2010

Print Name of all Attendees: _____

Phone _____ E-mail for Receipt with payment of credit card _____

Reservation Quantity Members _____ Reservation Quantity Non-Members _____ Vendor Member _____ Vendor Non-Member _____

PAYMENT:

___ Check (payable to San Diego-International Chapter)
___ Visa ___ MasterCard ___ American Express Card # _____
Security Code _____ (found on the back of the card) Exp. Date _____

Mailing Address of Credit Card _____ Zip _____

Signature _____

Cancellation: Heather 619/579-1940 - Please CANCEL your reservation(s) at least 24 hours in advance if you are UNABLE to attend. NO SHOWS WILL BE INVOICED.