



Cement and Concrete Products Industry of Hawaii

CSI Hawaii – Concrete Scene Investigator, Kenneth Hover



Date: Thursday, July 10, 2008

Place: Pagoda Hotel

Cost: \$ 85 per person

(Open session: SEA OH General Membership Meeting during lunch)

Registration Time: 7:30 am to 8:00 am Continental Breakfast & Table Top Exhibits
Seminar: 8:00 am to 3:00 pm (Lunch and handouts included, free parking validation)

Hawaii welcomes back, **Dr. Kenneth Hover**, recognized as one of the ten most influential people in the concrete industry! What a great opportunity to learn more about the intricacies of concrete. Few people have explained as much about concrete to so many people with as much clarity as Professor Hover. From a guy with hands-on concrete construction experience to a PhD in engineering, it's surprising how much fun it can be to learn why concrete behaves the way it does. He is always in great demand and is widely acknowledged as one of the top speakers on the technical aspects of concrete at such venues as the World of Concrete, the American Concrete Institute, and the National Ready Mix Concrete Association. Don't miss this great opportunity!



When it comes to exotic venues, the concrete industry can easily match television's exotic locales in "CSI Jobsite Hawaii". Here's what we'll be investigating:

How does concrete work and what do we expect from it?

- Concrete properties and concrete performance
- Strength, Crack Resistance, Durability, Shrinkage, Economy, Sustainability

What do we *require* of concrete?

- Writing, referencing, finding, and reading concrete specifications
- Prescriptive and Performance Specifications

How do we know if the concrete is doing what we want to do?

- Concrete testing and paying attention to test results
- Realities of concrete testing – don't believe any single test result!



What to do when it appears that the concrete is not doing what we want it to do?

- Finding out if there really is a problem, and defining the problem.
- Failure to meet expectations is not the same as failure to meet requirements
- General guidelines for diagnosing concrete problems
- Investigating concrete problems
- Saving time and money when bringing in the “Experts”

Who should attend: Anyone involved in the design and/or construction of concrete structures. Construction supervisors, project managers, inspectors or quality control managers, civil or structural engineers, and architects.

Distinguished Speaker: Professor **Kenneth Hover**. While writing his master’s thesis on the design of falsework for the construction of concrete bridges, Hover worked as a project engineer, building bridges over the Ohio River. After completing his master’s degree, he spent three years as an officer in the Army Corps of Engineers, serving as a unit leader. Then he joined a structural design firm, became a partner in the company, and supervised the design of the \$60 million Hamilton County Correctional Facility. During this time, he was involved in the restoration of more than 20 seriously deteriorated structures, and became interested in the analysis and rehabilitation of deteriorated concrete. This led him to Cornell, where he completed his doctorate and joined the faculty in 1984 as an associate professor. Hover received a Presidential Young Investigator Award from the National Science Foundation in 1986, and has won five teaching awards in the past 10 years. He is a fellow of the American Concrete Institute, a member of several organizations in the USA and United Kingdom, and is a registered professional engineer.

CSI Hawaii: Concrete Seminar - July 10, 2008 Pagoda Hotel

Name (s): _____

Company: _____
Phone: _____
No. of Persons ____ x \$85 per = _____

Remit payment and form to: CCPI
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Please register by July 3, 2008. Thank you.