



Chapter Technical Talks



Introduction to Shotcrete

The shotcrete process offers numerous quality, efficiency, and sustainability advantages, but proper knowledge of the process is critical to the creation of a quality specification and for the success of any specifier /owner employing the process. This presentation is an excellent tool for all involved in maintaining a high level of quality for concrete placed via the shotcrete method.

Presentations can be tailored to cover specific topics, but a typical general presentation would include the following:

- Introduction to shotcrete
- Advantages and benefits using the shotcrete process
- Dry-mix and wet-mix processes
- Specifications, material considerations, & typical performance guidelines
- Surface preparation
- Pre-construction, jobsite conditions, & curing methods
- Questions and answers Why a repair code is needed
- The philosophy behind ACI 562
- How the code promotes consistency in repair design
- Recognizing repair construction challenges
- Significance of a quality assurance program for successful repairs
- How the code can save the owner money

Date: Thursday, September 21, 2017

Time: 5:30 pm – 8:00 pm

Venue: Delafield Brewhaus 3832 Hillside Dr. Delafield WI

Charles S. Hanskat is the current ASA Executive Director. He received his BS and MS in civil engineering from the University of Florida, Gainesville, FL. Hanskat is a licensed professional engineer in several states. He has been involved in the design, construction, and evaluation of environmental concrete and shotcrete structures for over 35 years. Hanskat is also a member of ACI Committees 301, Specifications for Structural Concrete; 350, Environmental Engineering Concrete Structures; 371, Elevated Tanks with Concrete Pedestals; 372, Tanks Wrapped with Wire or Strand; 376, Concrete Structures for Refrigerated Liquefied Gas Containment; 506, Shotcreting; and Joint ACI-ASCE Committee 334, Concrete Shell Design and Construction. Hanskat's service to the American Society of Civil Engineers (ASCE), the National Society of Professional Engineers (NSPE), and the Florida Engineering Society (FES) in over 50 committee and officer positions at the national, state, and local levels was highlighted when he served as State President of FES and then as National Director of NSPE. He served as a District Director of Tau Beta Pi from 1977 to 2002. He is a Fellow of ACI, ASCE, and FES and a member of ACI, NSPE, ASTM International, and ASCC.

Email: Charles.Hanskat@Shotcrete.org

Office: 248.848.3742

Mobile: 847.682.3676