



World of Concrete 2022

January 18 - 20, 2022

Las Vegas Convention Center | Las Vegas, NV

NEW LOCATION: Central Hall | ASA Booth # **C4511**

Registration site, for \$25 Exhibit-Only Admissions | **Available until 12/13/2021** (\$105 after):

https://www.compusystems.com/servlet/AttendeeRegLoginServlet?evt_uid=793&PromoCode=A17

Tuesday, January 18, 2022

ASA Shotcrete Nozzleman Education Course

Presented by the American Shotcrete Association.

ASA Seminar Registration (separate registration needed):

www.shotcrete.org/registration

This course is designed for shotcrete nozzlemen, individuals involved with inspection of shotcrete, and anyone interested in learning about the principles and practices that must be known and understood for a nozzleman to satisfy his role in the quality application of the shotcrete process.

ASA Nozzleman Education Courses present an overview on placement technique, finishing, curing, testing, equipment and safety as it relates to the nozzleman and the shotcrete process. This course also helps to prepare individuals for participation in the ACI Nozzleman Certification program. ACI required work experience, written exam, performance exam and other program criteria will be discussed.

The CP-60(15) Shotcrete Nozzleman Craftsman Workbook is included with the course registration fee.

Please Note:

- **Attendance of this course alone will not result in certification as an ACI Shotcrete Nozzleman.**
- This course will satisfy the education course requirement for a nozzlemen wishing to pursue certification as an ACI Shotcrete Nozzleman through ASA
- Attendees wishing to pursue ACI Certification will need to arrange for a certification course with ASA separately from this course (Wet Mix Exams are available for additional charges, please contact ASA directly for details and requirements)
- Attendees will qualify for and receive a complimentary 1-year ASA Nozzleman Membership
- Lunch is not provided with this course. A one-hour break is scheduled for lunch.

Seminar Fee: \$435 | \$450 after 12/13/2021



Wednesday, January 19, 2022

Recognizing Quality Shotcrete

Presented by the American Shotcrete Association

8:00 AM – 4:00 PM (without exam; 6:00 PM with exam)

ASA Seminar Registration (separate registration needed):

www.shotcrete.org/registration

Contractors, though you may have used shotcrete contractors for years on your projects do you know what to look for to confirm you're getting the best quality for your money? Though shotcrete is a placement method for concrete the process has fundamentally different equipment, material selection, crew responsibilities, application techniques, testing, curing and protection that need to be considered for producing high-quality and durable shotcrete you as a contractor and the owner expect.

This seminar from ASA provides guidance on over 40 critical elements of shotcrete applications for those onsite to properly evaluate the overall quality of shotcrete placement. These include an overview on material selections, equipment, placement techniques, finishing, curing, protection, testing, and safety as it relates to the shotcrete process. For shotcrete contractors, this seminar will help you verify the quality of your work to your general contractors and inspectors.

Optional Reference Resource can be purchased directly from ASA: CP61 Pack is the Reference Resource for the open book exam – for those pursuing ACI Shotcrete Inspector Certification.

(<https://shotcrete.org/product/cp-61pack-shotcrete-inspector-reference-package/>)

Please Note:

Those individuals pursuing ACI Shotcrete Inspector Certification may take the required 90-minute written exam at the conclusion of this seminar. You can find more about the ACI Shotcrete Inspector Certification Program here:

<https://www.concrete.org/certification/certificationprograms.aspx?m=details&pgm=Shotcrete%20Inspection&cert=Shotcrete%20Inspector>

Seminar Fee: \$435 | \$450 after 12/13/2021

Exam only Fee: \$210