

2nd ACI's Shotcrete Nozzleman Certification Program, 11 to 14 May 2010, Singapore

**Organized by Society of Rock Mechanics and Engineering Geology (SRMEG) Singapore
with support by the Building and Construction Authority (BCA) Singapore**

Shotcrete is used in many projects in Asia today. However, the quality of the shotcrete applied is sometimes suspect and there are unfortunately no standardized quality controls methods to evaluate freshly place shotcrete. Moreover, Shotcrete nozzlemen are often changed and replaced even in one single project and none of them have any certification.

In this respect, a select group of experienced and acknowledged shotcrete experts has been approved by the American Concrete Institute (ACI) to act as examiners for the ACI's Shotcrete Nozzleman Certification Program. The education and certification of a shotcrete Nozzleman through the activities surrounding this ACI program provides nozzleman with not only improved knowledge and skills but also with international recognition as a craftsman.

No certification program can address all potential variables. The ACI shotcrete Nozzleman certification program is focused on specific key elements of the shotcrete process such as knowledge, skills and abilities. When successful, the nozzleman holds his certification for a 5 year validity period from the date of completion of all certification requirements. With the ACI shotcrete nozzleman certification program, the shotcrete specifier (consulting engineers) will know that the nozzleman has demonstrated the knowledge and capabilities to properly apply shotcrete. Hence, it will be beneficial for their projects to be specified with ACI certified shotcrete nozzleman.

The Society of Rock Mechanics and Engineering Geology Singapore with the support of the Building and Construction Authority Singapore successfully introduced the 1st ACI Shotcrete Nozzleman Certification Program to Singapore from 7 to 9 Oct 2009 with the participation of Associate Professor Marc Jolin, ACI-approved Shotcrete Nozzleman Examiner, and the American Shotcrete Association. This notice will form the announcement for the 2nd ACI Shotcrete Nozzleman Certification Program.

The 2nd ACI Shotcrete Nozzleman Certification Program will be held from 11 to 14 May 2010 in Singapore. It will be organized by SRMEG with the support of BCA. Only 20 places are available for this event. The fees for each nozzleman will be SGD4500.00. Companies involved in shotcrete and are interested in having your nozzleman certified should nominate your Shotcrete nozzleman for this program by 30 April 2010. Early birds who signs up by 30 March 2010 will pay only SGD4000.00. Note that this program is for experienced nozzlemen who each possess at least 500 hours experience in wet-mix shotcrete hand nozzling.

Associate Professor Marc Jolin

Marc Jolin is an Associate Professor in the Department of Civil Engineering at Laval University, Canada and an active member of CRIB (Centre de Recherché sur les infrastructures en béton - Research Center on Concrete Infrastructures). As an ACI Examiner and ASA Educator, he has conducted numerous Shotcrete Nozzlemen Certification sessions since the start of the program. Jolin is the chair of the C660, Shotcrete Nozzleman Certification, and secretary of the ACI Committees 506, Shotcreting. His research and development interests include shotcrete, infrastructure durability, rheology and calcium aluminates cement.