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○ JULY | ○ 2011



CCMPA Updates

ADDRESSING ISSUES AND CONCERNS OF THE CANADIAN CONCRETE MASONRY PRODUCERS

A monthly email will be forwarded to members to keep informed of activities and important issues that are occurring. If you have some industry information you wish to share with CCMPA members, please forward them to the CCMPA Office by the 15th of every month.

What is CCMPA doing for you ?

Upcoming Meetings

CCMPA Members Meeting—Wednesday, July 27th—CMDC Office—360 Superior Blvd, Mississauga, ON

NCMA Mid-Year Meeting—Wednesday, August 24th—27th—Hyatt Vancouver, BC

AGM & Golf Tournament—Thursday, September 8th—Delta Rocky Crest, Muskoka, ON

Wounded Warriors

The Canadian Concrete Masonry Producers Association has once again decided to hold a raffle ticket draw. This year the money raised will support the Wounded Warriors.ca. <http://www.woundedwarriors.ca/>

Our raffle will take place after dinner on Thursday, September 8th 2011 and will be available for purchase throughout the day, however, we ask you to please sell the enclosed tickets to clients, suppliers, friends and family in advance. The price for tickets is one for \$20.00 or three tickets for \$50.00.

The raffle prize is an Air Canada Vacations Certificate that can be used towards a flight or package. You can chose where and when to take your prize! This year the prize has been generously donated by Essroc Italcementi, Holcim Canada, Lafarge Canada, St. Marys Group and CCMPA.



KELOWNA 2011

The CCMPA Western Canadian Meeting took place on June 23rd and 24th, 2011, in beautiful Kelowna, BC, at the Delta Grand Okanagan Hotel.

The meeting was a huge success as there was ample time for networking and for understanding what CCMPA is undertaking in masonry research in Western Canada and specifically at BCIT & UBC. There were 21 members in attendance.



1500 Avenue Road,
P.O. Box 1345
Toronto, ON M5M 3X0
t:416-495-7497 f:416-495-8939
www.ccmpa.ca info@ccmpa.ca

The 2013 Meeting will be held in June , 2012 in Alberta and details will follow. Members are encouraged to participate.

Getting the most from our Engineering Expert

Gary Sturgeon B.Eng., MSc., P.Eng.



NCMA Performance Guidelines for Concrete Masonry Units

CSA A165.1, *Concrete Block Masonry Units*, is a modified performance-based material standard. To ensure suitable performance out-

comes, it identifies limits on specific key indicator “*physical properties*” for the CMU, these being specified compressive strength, density, and maximum permissible absorption, combined with prescriptive-based requirements which, among several other limitations, place limits on the included materials such as cements and aggregates. Necessarily, there exists an intimate link between these performance and prescriptive requirements; these performance limits are fundamentally the limits on the resulting desirable outcomes when a CMU is suitably manufactured “prescriptively”, that is, when the “standard” recipe is suitably followed. There are also other desirable engineering and physical properties which result from compliance with these modified performance-based requirements, and which are either implicitly or explicitly relied upon in CMU applications and designs. For example, fire performance and sound performance can be directly predicted when masonry is constructed of CMU which complies with the prescriptive and performance requirements of A165.1.

The concrete masonry industry acknowledges that there are limitations to the use and application of CSA A165.1. It is partly performance-based, and partly prescriptive-based. A masonry unit manufactured using aggregates or cements not recognized prescriptively by the standard may indeed produce an acceptable concrete masonry unit for its intended application, but the

unit cannot be shown to comply with the standard. The issues surrounding “sustainability” and “objective-based” code philosophy in recent years have necessarily raised questions and concerns about the “flexibility” of use of many industry standards, including CSA A165.1. The National Building Code of Canada identifies materials, components and assemblies that do not strictly comply with the deemed-to-comply solutions of the code, but which can be shown to provide “equivalent performance”, as “alternative solutions”. The masonry industry, as well as other construction industries, are moving to embrace these philosophies.

In light of these recent compliance developments, and recognizing the need for flexibility and timely response to market and technological changes, the National Concrete Masonry Association recently developed and published a series of guidelines that set recommended assessment and performance criteria for producers of CMU considering the use of alternative materials in CMU production. These guidelines provide U.S.-based producers with the background and tools needed to assess the impact of substantive change to the materials used in CMU manufacture.

As part of our work, CCMPA will be reviewing these guidelines and where required, revising them to suit the Canadian masonry industry and regulatory environment, with possible reference in the updated 2014 edition of CSA A165.1. The NCMA guidelines are available for download [here](#). CCMPA welcomes membership input. Please forward your comments and suggestions, to be received no later than September 30th, 2011, to [Gary Sturgeon](#).

The CCMPA Golf Tournament and Annual General Meeting will take place on Thursday, September 8th 2011 at Rocky Crest in Muskoka, ON

Please contact the office to register your foursome as soon as possible, since space is disappearing.!



**AGM & GOLF
TOURNAMENT
Thursday,
September 8th 2011**

REGISTER NOW

Contact M. de Souza for more details.