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▶ GOLF & ANNUAL GENERAL MEETING 2



▶ PART 5, "Environmental Separation", National Building Code of Canada 2

○ APRIL | ○ 2011

Canadian Concrete Masonry Producers Association
Region 6 of the National Concrete Masonry Association



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

What is CCMPA doing for you ?

ONTARIO BUILDING CODE UPDATE:

The Ontario Building Code issues and impact of wood industry involvement behind the scenes with the Ministry of Municipal Affairs and Housing (MMAH) were discussed at a recent Coalition for Fair Construction Practices meeting. The wood industry has lobbied the Ontario MMAH to have them consider increasing the height of wood-framed mid-rise buildings to six storeys from four storeys. Although Building Codes are certainly technical in nature, several Coalition members felt that the MMAH failed to use the proper code change process that is designated for industries and the public, in order to cater (politically) to the wood industry and support the provincial Government's "Growth Plan for Northern Ontario" of which the Ontario wood industry would be a major benefactor. This was not viewed as "fair practice". A group of material supplier associations (of which CCMPA is a member) has been created outside of the Coalition to

deal with the potential MMAH policy breach and also the proposed technical changes related to the OBC, since all parties within this group have a vested interest in these issues.

Friday, April 1st was the cut-off date for comments to the changes to the Ontario Building Codes proposed changes.

NEW MEMBERS:

We are pleased to welcome HESS Machinery (Canada) Ltd. As the newest CCMPA member. For further information you may contact: **Gudrun Hess, Andre Kuersammer or Meade Freeman** 905-575-4440 www.hessmachinery.com.

We are diligently working to recruit other new members both producers and supplier members at this time.



1771 Avenue Road,
P.O. Box 54503
Toronto, ON M5M 1W5
t:416-495-7497 f:416-495-8939
www.ccmpa.ca infocccmpa.ca

KELOWNA 2011

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

Members interested in attending this meeting are reminded to make a room reservation as soon as possible via the link below.

The tentative schedule is as follows: Thursday, June 23rd, 8 am - Meeting, Lunch & Dinner. Friday, June 24th, 8am—Meeting, Lunch and afternoon activity. We have an exciting itinerary planned and if you are intending to bring you spouse, please let us know ASAP.

For more information please contact Marina de Souza at the CCMPA Office.

http://www.deltagrandokanagan.com/1106canadi_001

Getting the most from our Engineering Expert

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

PART 5, "Environmental Separation", National Building Code of Canada

Requirements for environmental separation, including protection from unwanted noise, are contained as nearly-identical performance requirements in Part 5 of the NBCC, and Part 9, *Housing and Small Buildings*.



performance requirements in Part 5 of the NBCC, and Part 9, *Housing and Small Buildings*.

In 2007, the National Research Council of Canada tabled a proposed change to the airborne sound transmission requirements in both Parts of the NBCC. Recently, a Joint Task Group (JTG) with members from the Part 5 and Part 9 Standing Committees was struck to examine the merits of the proposal, to determine if changes are appropriate, and to recommend changes. If adopted as proposed by NRC, the result will be a new philosophical direction for the development of the NBCC's sound requirements, as well as sweeping changes to the requirements themselves.

The current sound transmission requirements focus on the laboratory rating of the separating assembly, using STC (Sound Transmission Class), rather than the system as a basis. This is an elemental approach, which accounts only for the noise reduction of airborne sound transmission *directly through* the element such as a wall or floor. Use of the STC rating does not well-represent the actual sound reduction experienced in a real building, where many other sound transmission paths exist around the perimeter of the element that diminish the effect of the elemental isolation. These are termed "flanking paths", and are formed by the junctions between walls, floors, and roofs.

The NRC proposal is to use ASTC (Apparent Sound Transmission Class) which is a measure of the airborne sound transmission that accounts for direct transmission *and* flanking transmission. It is a systems approach to noise reduction, and assuredly, is a better measure of likely in-service performance.

Like STC, ASTC is recognized as a standardized test in ASTM E 336-09, "*Standard Test Method for Measurement of Airborne Sound Attenuation between Rooms in Buildings*".

At a recent meeting of the JTG, it was resolved that the proposed change has merit and should be recommended to the Part 5 and Part 9 Standing Committees for adoption. However, the JTG must yet conclude the details of the change, including precisely how a "component additive" method can be used to determine ASTC from existing STC ratings, how ASTC can be calculated for monolithic mass systems such as masonry/concrete vs. lightweight "stick" frame systems and hybrids, how/when software programs can be developed to include for the various combinations and permutations of wall/floor junctions, minimum permissible ASTC ratings, and how performance vs. prescriptive requirements vs. deemed-to-comply solutions would be effectively handled within the Parts of the NBCC.

The proposed change offers opportunity for the concrete masonry industry. Moreover, it is recognized as the first of a series of changes that ultimately will recognize impact sound and low frequency sound attenuation. CCMPA continues to monitor the ASTC developments, and the decisions by the JTG.

AGM & GOLF TOURNAMENT



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

Details for both events will follow shortly.

Please save this date in your calendar.

HARGEST RECOGNIZED FOR CONTRIBUTIONS TO INDUSTRY

At the recent NCMA Conference, Chairman Mark Whilhelms awarded Paul with an Industry Leadership Award. Deciding to recognize Paul for his leadership was really one of my easiest decision while chairman of NCMA said Whilhelms. "His dedication and vision for NCMA has been a real gift. When Paul makes a decision, it is not made based on what's best for his company, but what's best for the industry. Paul has provided real inspiration this past year as we explored a US based Check-off program. His ability to take complex issues, boil them down to key elements, and then to provide concise solutions has been a real asset this past year. Paul has helped establish a strong partnership between CCMPA and NCMA that is benefiting both organizations. It would have been easy for CCMPA to sit back and take services from NCMA. But the CCMPA members and staff have approached this relationship as a true partnership. A partnership where both organizations become stronger because of cooperation and support. I think Paul has provided the leadership that made this happen. He is well deserving of this award."



The Canadian Masonry Contractors Association also awarded a Lifetime Achievement Award to Paul. This award is presented by the Board of Directors when, in their opinion, an individual has rendered distinguished service in the development, advancement and application of masonry over a period of years and who, by his or her foresight and action, has helped substantially to advance the arts and sciences related to masonry.