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ADDRESSING ISSUES AND CONCERNS OF THE
CANADIAN CONCRETE MASONRY PRODUCERS
ASSOCIATION

Updates

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

What is CCMPA doing for you ?

Upcoming Meetings:

CCMPA Mid-Year Meeting

June 6 - 7th, 2013—Four Seasons Vancouver, Vancouver, BC

NCMA Mid-Year Convention

July 31st -August 4th, 2013—Chicago, IL

Annual General Meeting & Golf 2013

Thursday, September 5th, 2013, White Oaks Resort & Peninsula Lakes Golf Course

12th Canadian Masonry Symposium—June 2-5, 2013 , Vancouver BC

The 12th Canadian Masonry Symposium will be held in Vancouver, Canada, June 2-5, 2013. It will provide an opportunity for researchers, practitioners and industry to share the latest knowledge on diverse aspects of masonry, including design, manufacturing, construction and restoration. The symposium will serve as a forum for professionals from a broad range of disciplines, including engineers, architects, contractors, and manufacturers. This conference will provide a unique environment to facilitate synergy between masonry researchers and masonry practitioners from Canada and around the world. The symposium will build on the tradition and success of past Canadian Masonry Symposia, including the last symposium held in Toronto in 2009. www.cms2013.ca

Gary Sturgeon

CCMPA would like to take this opportunity to thank Gary Sturgeon for his years of service to our association and all his hard work especially with regards to the Codes and Standards arena . We look forward to working with Gary on mutually rewarding projects.

Dear Members of CCMPA

As many of you know, I terminated my services agreement with CCMPA and recently completed my last day on April 30, 2013. Certainly, this was no easy decision. I truly enjoyed working on behalf of CCMPA and representing its interests. This was the first step in my plan to significantly reduce the number of hours that I work as I move to “semi-retirement”, but I will continue to work in masonry on a consulting basis.

I would like to take this opportunity to express my sincere appreciation to Paul Hargest, Don Gordon, Marina de Souza, and all of my friends and colleagues at the CCMPA. I was allowed a great deal of latitude to pursue and participate in a wide variety of activities that I perceived as opportunities or threats to the industry in the code’s environments, to learn a great deal through the various paths needed to advance and defend its interests, and to expose the industry to be a better-understanding of leading edge research, and national design and construction issues. It has been a great pleasure working with ,and serving all of you.

Best wishes to all. Gary R. Sturgeon, B.Eng., MSc., P. Eng BBSTEK Design Ltd. 403-931-7558



Profile of Dr. Yi Liu: Dalhousie University, Halifax, Nova Scotia

By: CMDC – David Stubbs, B. Eng., P. Eng., and Bennett R. Banting, P. Eng., & Scty. Ph. D

The Canadian Masonry Research Council, a partnership between the Canadian Concrete Masonry Producers Association (CCMPA) and the Canada Masonry Design Centre (CMDC), has provided financial sponsorship and in-kind contributions for numerous masonry research programs across Canada. This is the first in this series of articles that will highlight the research programs that have been initiated. We begin on our country's East coast with Dr. Yi Liu, an Associate Professor of the Faculty of Civil Engineering at Dalhousie University in Halifax, Nova Scotia.

Dr. Liu and CCMPA began their relationship in 2010 through a Collaborative Research and Development (CRD) Grant, whereby funds from CCMPA were strategically matched with Federal Government grants through the Natural Sciences and Engineering Research Council of Canada (NSERC). Recently, Dr. Liu and her research team completed their first series of experimental tests on 20 unreinforced concrete block infill shear walls constructed within steel frames. This research was undertaken to expand the current knowledge about the complex interaction between the flexible steel frame construction and the substantially stiffer concrete block infill shear walls. Design requirements for infill shear walls were recently added to the CSA S304.1-04 "Design of Masonry Structures" in 2004. However, the application of these new requirements for infill shear walls continues to be underutilized by designers, most notably within renovations of existing structures. The reluctance of designers to utilize infill shear wall construction as a means of resisting lateral loads (i.e. wind or seismic) stems largely from historical failures of structures that were subjected to large seismic lateral loads. Such failures only occurred because the masonry infill had not been properly considered to resist lateral loads and increase stiffness of the steel frame, resulting in forces beyond their intended capacity. With the continued efforts of international masonry research, such as Dr. Liu's published work, it is anticipated that refined design provisions can be developed to illustrate the inherent effectiveness of properly designed concrete block infill shear walls within simple steel frames to resist loads in a cost effective manner.

Currently, Dr. Liu is engaged in expanding on these initial findings and will be conducting a series of tests on smaller masonry "assemblages" with the goal of understanding more about how concrete block behaves when you subject it to compressive forces from different angles. In essence, such an understanding is critical towards mitigating the conservatism in infill design, but will also improve our understanding of the behavior of other structural elements such as beams and walls. To accomplish this, Dr. Liu will be using both standard concrete block units as well as experimental 1/2 scale model block units. The growing use of scaled concrete block provided through CCMPA at Universities across Canada, including Dalhousie, has created a relative boon to masonry research. With scaled units, cost effective testing of more intricate and complex elements is no longer hindered due to size and space limitations of most labs. Dr. Liu's work will improve our understanding of "full-scale" concrete block and by correlating will "half-scale" units she will enhance the proliferation of small scaled units for future research.

In conclusion, Dr. Liu's research program will increase the masonry industry's knowledge of the complex interaction concrete block masonry infill shear walls as they behave within infilled structural frames and will increase the industry's database of scaled unit performance. It is anticipated that as a result of this work there is a significant opportunity to offer a competitive alternative to braced steel frame construction through the integration of masonry infill which can doubly act as a partition and load resisting member.

Canadian Masonry Producers' Association & Masonry Industry Association of Atlantic Canada

On Wednesday, May 1st 2013, Marina de Souza, Managing Director of CCMPA, address the members of MIAAC at their Annual General Meeting.

This was a great opportunity for CCMPA to meet with members of the Masonry Industry in Atlantic Canada especially in light of the new CCMPA members from the region. It was also a good way to understand what the challenges and successes the masonry industry on the East Coast of Canada face. As always CCMPA is interested in developing relations with the local communities and creating valuable partnerships.

CCMPA's Western Canadian Meeting — Vancouver 2013

The 2013 Western Canadian Meeting will be held in Vancouver BC and will directly follow the 12th Canadian Masonry Symposium in order to give members a good opportunity to attend both meetings. The CCMPA meetings will take place on Thursday, June 6th and Friday, June 7th, 2013 at the Four Seasons Hotel, Vancouver. Members are encouraged to attend this meeting.

For more details about the 2013 meeting in Vancouver, BC, please contact M. de Souza at the CCMPA Office. information@ccmpa.ca. **Members need to make hotel bookings prior to May 15th in order to secure the negotiated rate and ensure a room in the group block.**



Ontario Masonry Design Awards (OMDA)

Masonry in Ontario has a long history and a bright future. It has a presence in our memories and our hopes, as well as being a tangible part of our everyday lives. Masonry provides the means to create architecture that is innovative, sustainable and secure. Vision, beauty and strength: these are characteristics that radiate from the finest masonry structures. It takes talented minds and hands working in harmony to bring great buildings to life. We believe that such excellence in design and workmanship deserves to be honoured. The Ontario Masonry Design Awards have been created in recognition of the amazing work we do in this industry. Please join us for an evening of celebration.

The second Ontario Masonry Design Awards will be held on Saturday, November 15th, 2014 at the Allstream Centre in Toronto, ON. The new website has been launched. <http://www.ontariomasonrydesignaward.com> This event is sponsored by Ontario Masonry Contractors Association (OMCA) and Masonry Contractors of Ontario (MCAT). The lead sponsor of the event is CCMPA.

Essroc Italcementi

Thomas Whelend is the Director of Sales for the Great Lakes Region for Essroc and the new Territory Manager for Eastern Ontario if Frank Stegnar. Welcome gentlemen, we look forward to your active participation in CCMPA.

Not For Profit Legislation

A new act has been put into place by the Federal Government directed specifically at Not For Profit Associations. The over 19,000 associations across Canada have until October 17th 2014 to file a Notice of Compliance in order to continue functioning. Further details will follow shortly as this legislation specifically has to do with Membership and By-Laws. CCMPA is currently working with Carters Professional Corporation, a leading law firm that specializes in this area.