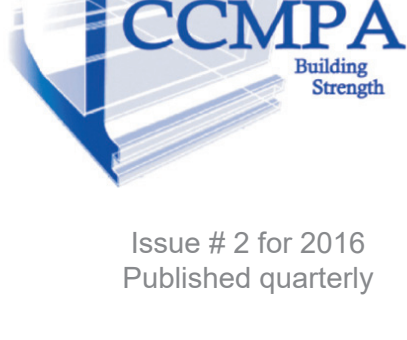




News on the Block



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



Issue # 2 for 2016
Published quarterly

Welcome to the second issue of News on the Block. We welcome your feedback and story suggestions — please send them to: info@ccmpa.ca.

GLOBAL WARMING The numbers don't lie.



The best way to protect your property from extreme weather is through disaster-resilient construction. Learn about the benefits of building with concrete block.



ccmpa.ca



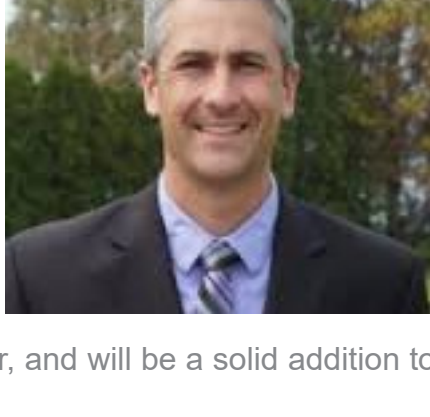
CCMPA goes global

A key message behind CCMPA's ongoing awareness campaign around concrete block is the threat of global warming. It is common knowledge now that climate change and increasingly severe weather is causing more property damage — and is prompting builders and homeowners alike to rethink residential construction.

CCMPA's most recent ad, pictured here, aims to provide a global snapshot of the effects of climate change, and the mounting risk it poses to property and people.

Feedback and suggestions for future ads are welcome: info@ccmpa.ca.

NCMA welcomes Marcus Poirier

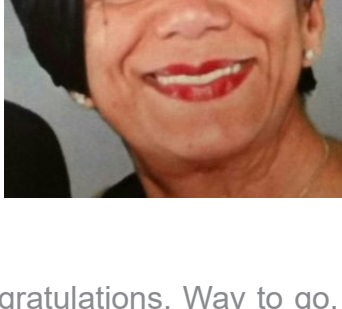


Permacon's Marcus Poirier is the newest member to represent Region 6 on the NCMA Board of Directors. Installed during the February NCMA Annual Convention in Orlando, Florida, Marcus is currently Permacon's Vice President of Sales, Ontario. Previous experience includes Groupe Permacon and Oldcastle. He is a graduate of Mohawk College.

CCMPA applauds his appointment — he's a great industry ambassador, and will be a solid addition to the NCMA board.

A sincere thank-you...

It takes hard work, perseverance and, yes, patience to manage a national organization the size of CCMPA. Executive Director Marina de Souza has dedicated herself to doing exactly that for over a decade, and I'm proud that her efforts have been recognized not only by our Canadian members, but south of the border by NCMA.



NCMA recently honoured her with an Award of Appreciation "for her passion, leadership, and tireless dedication to advancing the concrete masonry industry, both through her own organization and as an outstanding partner to NCMA."

I would like to second that, and offer her my own sincere thank-you and congratulations. Way to go, Marina — it's well-deserved.

Paul Hargest

Global impacts of CCMPA & CMDC national research investments

The partnership between Canadian Concrete Masonry Producers Association (CCMPA) and Canada Masonry Design Centre (CMDC) has been formalized for 3 years through the Canadian Masonry Research Council. It is through your members' support that Canada has begun to distinguish itself as a world leader in masonry research. It is often difficult to gauge the return on such research investment since it may take many years for its impacts to be truly felt in industry, especially when related to building codes and design standards. By contrast, it is immediately apparent when an industry lags behind in research because markets once thought untouchable disappear. That is why CCMPA's support for University research is so important, because it fosters a culture of sustained innovation and is the only way to ensure that decision makers of the future have the skills, tools and masonry background needed to keep masonry thriving.

Formalized in 2013, the Canadian Masonry Research Council was an agreement between CCMPA and CMDC to partner in the supervision, coordination and application of masonry research. Over the last 3 years masonry research has been undertaken at 16 Canadian Universities, in 2015 alone brand new connections were made to York University, University of Toronto and University of Waterloo through the NSERC Engage grant program. These are Universities where masonry has never been substantially researched. In addition, preliminary meetings with a new professor at the University of Alberta have also occurred at the start of 2016 with a draft proposal under review to bring masonry research back to the UoFA. This strategy of nation-wide coverage and coordination between multiple associations has begun to get Canada noticed on the international stage.

- The Masonry Society, an American-based international masonry association, has award 3 of the last 6 student thesis awards to Canadians: Rashid Popal, University of Calgary (2013) and Madeleine Joyal, McMaster University (2014) were both awarded the Best Master's Thesis Award. While Bennett Banting, McMaster University (2015) was awarded the Best Ph.D. Thesis Award.
- In the paper entitled "Bibliometric analyses of the recent scientific literature on structural masonry" by Ailton, et al. presented at the 9th International Masonry Conference in Guimarães, Portugal in 2014, McMaster University and University of Calgary are globally ranked as #1 and #2 as the universities with the most masonry publications around the world in recent years.
- At the 12th North American Masonry Conference (NAMC) held in Denver, Colorado in 2015, Canadian researchers were awarded 5 of the 8 available best paper awards (compared to 1 of 8 at the last NAMC in 2011).

The upcoming year will continue to be busy for Canadian masonry research: planning for the 13th Canadian Masonry Symposium has already begun 2017. Your continued support and sustained collaboration will ensure that these successful research projects are turned into fruitful gains for the industry at large.

Annual General Meeting

Thursday, September 22, 2016 9am–1pm

International Plaza Hotel
655 Dixon Road
Toronto, ON M9W 1J3

- Presentation of audited financial statements
- Appointment of auditors
- Report on Corporation affairs of the previous year

SAVE THE DATE

13th Canadian Masonry Symposium

June 4 - 7, 2017 Halifax, Nova Scotia
Venue details to come

Abstract submission: August 31, 2016
Papers due: January 31, 2017
Early bird registration: January 31, 2017

We look forward to seeing you there!

The challenge of climate change

A key focus of CCMPA — like many organizations today — is climate change. A recent information session hosted by the Ontario Energy Association (OEA) addressed two related topics: the impact of the agreement established at the Paris 2015 climate-change summit; and the impact of Ontario's Cap and Trade strategy.

The 2015 summit in Paris, attended by 196 countries, has resulted in the world's first global, legally binding agreement (COP21) to control greenhouse gas (GHG) emissions. The agreement comes into full effect on Earth Day — April 22nd — 2016. Its ultimate goal is, by 2021, to keep the earth's temperature increase to below 2° — ideally 1.5°.

While this is undoubtedly going to be a challenge for Canada, the positive news is that, relative to other sectors in this country, emissions from the construction sector are relatively low — as the chart here shows.

At the same time, COP21 is a clear sign that the status quo is no longer status quo. This is a genuine turning point in the global attitude toward climate change. Countries are taking it seriously — and Canada, as a result, has entered into a memorandum of understanding (MOU) with the U.S. and Mexico to work toward six main obligations:

- Knowledge-sharing for development of reliable, resilient and low-carbon electricity grids
- Accelerating innovation in clean energy technologies, including renewables
- Improving energy efficiency for equipment, appliances, industries and buildings, including energy management systems
- Promoting joint action to advance carbon capture, use and storage
- Identifying potential trilateral activities for climate change adaptation and resilience
- Best practices to reduce emissions from the oil and gas sector, including methane and black carbon

Ontario, meanwhile, has launched a Cap and Trade plan with clear carbon-reduction targets for 2020 and 2030. 'Cap' refers to the limit on how many tonnes of greenhouse gas pollution that businesses, institutions and households can emit. 'Trade' refers to buying or selling carbon credits — companies that surpass emission limits can buy credits in order to be in compliance.

Happy 90th Stan

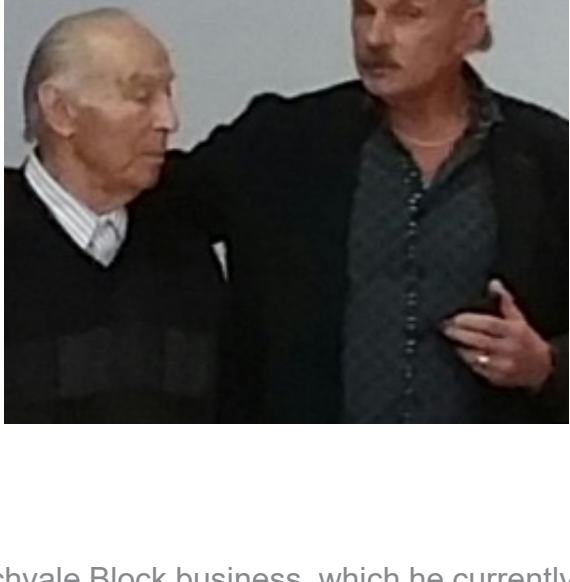
Born from humble beginnings in 1926 in a tiny village outside Krakow, Poland, Stan worked as a mechanic in Austria for the American Army before coming to Canada in 1950.

It's here where he started producing block by hand, making 1,000 units per day. This success allowed him to move to Yonge Street in Richmond Hill and expand his product line into concrete through Richvale Concrete in 1956.

Success drew interest, and he sold the business to Standard Industries, which led to Lafarge ownership. Stan remained on as President and General Manager.

Through time and change, Stan was able to re-purchase the Richvale Block business, which he currently enjoys operating today. Still working and going strong, Stan continues to play a significant role in CCMPA.

Happy Birthday Stan — may you have 90 more.

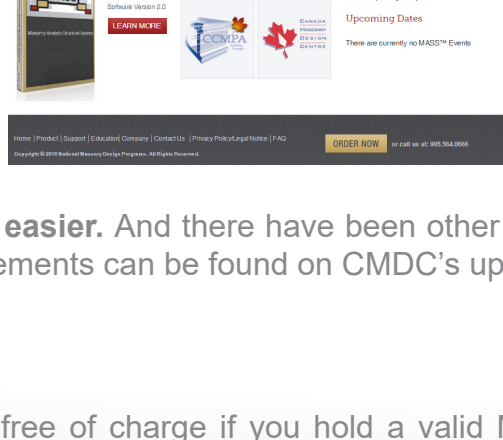


Here comes the new MASS 2.2

MASS™ version 2.2 has been released by the Canada Masonry Design Centre — it's the last version of MASS based on the 2004 edition of the CSA S304.1 masonry design standard. Moving forward to Version 3 and beyond, MASS will use the 2014 Standard for all design processes. There also will be new features and functionality to improve seismic design processes.

What's new in 2.2?

- The problematic plane shear ratio ($M_f/V_f d_v$) has been fixed through some significant and expensive programming changes that initially were expected to take effect for Version 3.0, but were ahead of schedule and are now complete. To read the original bug write-up, see the third item here.
- There's a new home page:



- Activation is now faster and easier. And there have been other changes to make the tool simpler overall to use. A full list of improvements can be found on CMDC's upgrades page here.

How to upgrade

You can upgrade to version 2.2 free of charge if you hold a valid MASS license. This will not affect your current license activation status. Simply click here to visit the upgrades page and enter your email address and this serial number: BVJR0X0W007GE1HC8K8K2H1BNEWAUWB

For more information on the download and installation process, click here to download CMDC's installation guide in PDF format, or click here to see the 3-minute video.

DROP US A LINE

Marina de Souza, Executive Director
Canadian Concrete Masonry Producers Association

Toll Free: 1-888-495-7497
Phone: 416-495-7497

P.O. Box 1345, 1500 Avenue Road
Toronto, Ontario M5M 3X0

Fax: 416-495-8939
Email: info@ccmpa.ca

