



BCICA E-News Bulletin

“Saving energy for the Future”

EFMA Update - BCICA attended the Educational Facilities Managers Association (EFMA) Conference in Penticton from May 31-June 3. The Conference and Tradeshow is an annual event attended by delegates from all the school districts in British Columbia. BCICA representatives had the opportunity to meet the attendees and speak about the value of mechanical insulation with regard to energy conservation, as well how MI installed correctly can provide a quick return on capital investment (ROI), help to reduce ongoing operational costs and reduce green house gases.

BCICA Board Member André Pachon and Manager Brian Hofler made a joint Power Point Presentation entitled Mechanical Insulation, An Energy Conservation Solution. The presentation was divided into three parts. Part one focused on the properties and forms of mechanical insulation with examples of how MI helps to reduce energy usage and save money.

Part two gave a brief review of a report published in the Journal of Green Building. The report entitled Mechanical Insulation Case Study - Timely Opportunity for Retrofits and New Construction (Micah Lang, Bud Fraser, Jeff Besant - www.energyconservationspecialists.org/wordpress/wp-content/uploads/2012/07/JGB_V7N2_a01_lang-2.pdf), listed examples of how three buildings in the Vancouver area (reviewed using proprietary energy auditing software) would have improved energy consumption results once the mechanical insulation was upgraded to meet industry standards and best practices. Examples of savings on both capital and operational budgets as well as GHG emissions reductions were shown in tables that formed part of the report.

The third part of the presentation provided an overview of the QAC Program with timely examples of work currently specified with a QAC in the public sector. EFMA attendees showed renewed interest in the benefits of mechanical insulation particularly because the majority of the EFMA managers are concerned with operational savings in their respective school districts.

It is worthy to note that Andrew Stringer, a Principal with Smith + Andersen, after attending the presentation and speaking with BCICA representatives, included the QAC in their specification for Hillcrest Elementary School, School District 83 (Salmon Arm). The scope of the work included replacement of existing HVAC system with new unit ventilator system, having hot water and chilled water systems served by a central geexchange plant which includes two 600 gallon tanks. Geexchange piping and cold tank can see temperatures as low as -5°C, so careful insulation with good vapour barrier is key. The job should be out on BC Bid shortly. This brings the third mechanical engineering firm specifying the QAC.

TIAC Asking for Volunteers - Steve Clayman, Director of Energy Initiatives for TIAC, is asking for 4 BCICA members to volunteer for a half-day shift (either morning or afternoon on either day) in the TIAC Booth at the CHES Conference and Trade Show in Vancouver, Sept. 11-13. Interested parties should contact Steve directly at steve.clayman@tiac.ca. Information about the CHES Conference can be found at <https://ches.org/conferences-and-events/2016-national-conference.html>. This is an opportunity to participate with TIAC and support their promotional efforts on behalf of the mechanical insulation industry in Canada.

A handwritten signature in black ink, appearing to read 'B. Hofler', is located at the bottom left of the page.