

COMMISSIONING SERVICES SEMINAR 2015

A Seminar Jointly Presented by the Eastern Canadian Chapter of the BCA, ASHRAE Toronto Chapter and BOMA Toronto.

Monday, March 2, 2015

2 PM - 5 PM

Spirale Banquet & Conference Centre
888 Don Mills Rd, Toronto, ON M3C 1V6
North of Eglinton

	Seminar Only	Dinner Only	Both
ASHRAE + BCA + BOMA members in advance	\$35	\$50	\$65
Non members in advance	\$45	\$60	\$80
At the door	\$50	\$60	\$100

Registration - www.torontoashrae.com

ASHRAE Toronto Chapter Dinner Meeting

Seminar attendees are invited to stay for the ASHRAE Toronto Chapter dinner meeting following the seminar. The topic for the dinner meeting presentation is Building Energy Incentives with Presenters from Enbridge Gas Distribution and Toronto Hydro.

Register for the dinner meeting at www.torontoashrae.com



Topics

1. Commissioning Services Reality Check – Proposal Versus Actual

There can be different ideas on the scope of work included by the commissioning services provider. Come and learn the differences between BCA guidelines and current market requests, how the proposal is reflected in bid pricing and scope creep affecting quality and overall costs.

Speaker: Alan Sutton, VIP Energy Services

2. Building Envelope Commissioning - Air Leakage and Enclosure Integrity Testing

Building air leakage testing can be part of the overall building envelope commissioning; or as individual applications to meet clients' specific needs. This presentation will explain the techniques for air leakage and enclosure integrity testing as well as how they fit into the bigger building commissioning picture. Case studies will be also presented.

Speaker: Jennifer Hogan and Edward Cai, Pretium Anderson

3. Ongoing Commissioning Systems

The benefits of building commissioning are obvious. It is also obvious that six months later many of the benefits can be lost. Ongoing commissioning is a program that works to ensure the performance of the building is maintained even after the commissioner leaves. Through the electronic collection of operating data the program evaluates system performance and records, advises and corrects to maintain system efficiency. Energy performance and occupant comfort are two of the prime goals of an ongoing commissioning program.

Speaker: Marco Ottavino and Grant Sheahan, Honeywell Ltd.

Break

4. ASHRAE Standard 202

The commissioning process is often subject to confusion and misinterpretations. Learn the fundamentals of this code-language standard including the commissioning process intent, deliverables and activities. Understand how the standard 202 document can be best applied in steering the commissioning process to the benefit of all concerned.

Speaker: Derek Cheung, Isotherm Engineering Ltd.

5. Case Study

Structured around the first principles outlined in the ASHRAE standard 202 presentation, this session will utilize recently completed projects to reinforce the benefits of utilizing the ASHRAE 202 standard for establishing performance verification measures.

Speaker: Chris Piche, Integral Group

6. BOMA BEST National Green Building Report

Results and highlights from the BOMA BEST National Green Building Report with emphasis on the need for continuous commissioning and improved building operations.

Speaker: Bala Gnanam, BOMA Toronto

Discussions and questions

Moderator: Peter Turk, Victaulic Co. of Canada Ltd.

Registration at www.torontoashrae.com

The seminar will include presentations by representatives of companies deeply involved in the commissioning industry. The companies making presentations will include:

- Boma Toronto
- Honeywell Ltd.
- Integral Group
- Isotherm Engineering Ltd.
- Pretium Anderson Building Engineers
- VIP Energy Services

BCA - The Building Commissioning Association

The BCA is committed to creating and supporting the highest standards for the commissioning profession. Through professional development programs, nationally-recognized certifications, tools and market outreach the BCA has earned its leadership role in accelerating best practices and promoting cross-industry collaboration.

ASHRAE - The American Society of Heating, Air Conditioning and Refrigerating Engineers

ASHRAE is organized and operated for the exclusive purpose of advancing the arts and sciences of heating, refrigeration, air conditioning and ventilation, the allied arts and sciences and related human factors for the benefit of the general public.

BOMA Toronto - Building Owners and Managers Association of The Greater Toronto Area

BOMA Toronto's membership includes over 750 real estate professionals, representing 80 per cent of all commercial and industrial real estate companies in the GTA and beyond. These individuals are all leading building owners, property and facility managers, developers, leasing agents, and service providers.