

ASHRAE Manitoba Chapter Presents **DOMESTIC HOT WATER: NEW IDEAS FOR AN EFFICIENT SYSTEM**



Monday, May 11th, 2015
Manitoba Hydro Downtown Office
360 Portage Avenue, Winnipeg
Registration: 8:00 am
Seminar: 8:30 am – 4:30 pm

Who should attend:

- Plumbing system designers/engineers
- Plumbing contractors
- Facility managers
- Building officials/regulators
- Building owners/developers
- Equipment suppliers

**EVENT
HOST**



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Service water heating systems form a fundamental component of our society's hygiene practices, and can be found in nearly all occupied buildings. They allow us to clean ourselves, our dishes and clothes, and the spaces where we live, work and play. These systems are especially critical for hospitals, restaurants, schools and a wide variety of other businesses and industries.

These systems are so universal, using best practices in their design and operation can lead to a significant reduction in energy consumption, which in turn reduces the owner's operating costs. We examine best practices and more efficient methods and equipment so that the facility can reach its full capability in reducing operating cost and meeting the facility managers goals.

In this seminar we will cover:

- *Fundamentals of a Domestic Hot Water System*
- *Practical Design Methods to Lead to a High Efficient System*
- *Equipment Considerations for a High Efficient System*
- *Power Smart Commercial Custom Incentive Program*
- *New Energy Code Implications to the DHW System*
- *Case Studies of an Energy Efficient DHW System*
- *Expectations of a Code Official*
- *New Emerging Technologies*

The full line-up of speakers for the seminar are local experts and industry specialists. An expert from A.O. Smith will start us off with design fundamentals and equipment considerations. We will also have various manufacturer representatives available to discuss the latest technologies which can be considered by design engineers, contractors and owners.

- **Eric Souque**, Marketing Specialist – Commercial HVAC, from Manitoba Hydro to discuss the rebate programs available to facilities.
- **Denton Vandersteen**, Senior Commercial Systems Engineer, also from Manitoba Hydro will be discussing case studies where the systems we have discussed have been implemented.
- **Dieter Bartel**, Grassroots Government Activities Chair, ASHRAE and also from Manitoba Hydro will explain key points from the National Energy Code for Buildings, NECB, that pertain to domestic hot water systems. Dieter was involved in the committee to construct the NECB.

REGISTRATION FORM (on reverse side)

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REGISTRATION FORM

(Attendance to seminar earns 7 PDHs)

Three ways to register:

1. Email: cnation@ehpricesales.com
2. Fax: 204-663-9102
3. Mail: ASHRAE Manitoba, 101 Elan Blvd,
Winnipeg, Manitoba, R2J 4H1

Confirmation will be sent to the e-mail address provided within one week of receiving your registration. All payments of fees must be submitted prior to the seminar. Call Corey Nation at 982-4213 with any queries about registration.

First Name

Last Name

Company

Title

Address

Email

City

Phone

Province

Fax

Method of Payment

ASHRAE Manitoba Members - **\$175**

ASHRAE Society - **\$225**

Non - Members - **\$300**

Students - **\$40**

Cheque enclosed
(payable to ASHRAE Manitoba)

Credit Card (Visa / MC only)

Credit Card #

Exp. date

Signature

Area of Business / Activity

Mech Designer / Engineer

Restaurant Manager / Operator

Equipment Supplier

Architect / Designer

Hotel Management / Operations

Building Owner / Developer

Mechanical Contractor

Health Care Facility

Public Utility

Contractor (Other)

Government Agency

Other _____