

Building Officials Guide to Understanding HVAC Building Code Requirements

Leduc, AB - September 18, 2018

Understand and recognize the importance of properly designed and installed HVAC systems in the residential sector.



Discover HRAI
Training

Knowledgeable
and expert
instructors
with real world
experiences

Are you looking to recognize key areas to check when reviewing a submitted design and completing a site check?

This 1 day course has been specifically designed for building officials. HRAI has put together a curriculum that outlines the building science related to ventilation and air change design (ducts); ventilation requirements, changes with the new CSA F280-12, CAN/CSA-F326, and a review of key requirements for heating and air-conditioning systems. Typical installation procedures and code requirements will be presented using photographs of installed systems and other documentation.

The Best Part

Learn about good engineering practices and guidelines related to understanding site checks and approving plans and design submissions.

Who could benefit from this course?

Plans Examiners
Building Officials

Course Schedule

September 18, 2018
8:30 am - 4:30 pm
Executive Royal Hotel Leduc
Piper Ballroom
8450 Sparrow Drive
Leduc, AB T9E 7G4

Course Fee

ABOA Member - \$200

Non-Member - \$250

Lunch & Coffee Breaks included

Contact Us

For more information, contact Michael Bos at mbos@stalbert.ca or call 780-782-2430.



Building Officials Guide to Understanding HVAC Building Code Requirements

HRAI has developed this one day training program for building officials in an effort to raise awareness about the importance of properly installed residential HVAC systems.

This 1-day course has been designed to provide Building Officials with an understanding of the Building Code requirements for 9.32-Ventilation (CSA F326), and 9.33- Heating and Air-conditioning (CSA F280-12). It contains a short introduction to Building Science relating to ventilation and air change design (ducts); 9.32 Ventilation requirements, a summary overview of all the changes in the new CSA F280-12, CAN/CSA-F326, and a review of key requirements for Heating and Air-conditioning systems. Typical installation procedures and code requirements will be presented using photographs of installed systems and other documentation. Residential Heat Loss and Heat Gain calculation methodology, Air Systems design and installation requirements will be reviewed including an overview of some of the design methods.

Course Objective:

- Understand the changes in heat loss and heat gain calculation methods introduced in new CSA F280-12 Standard and their impact on sizing heating & cooling equipment.
- Review the ventilation requirements outlined in CSA F-326 and section 9.32 of the building code.
- Learn about different types of ventilation systems, supply air distribution strategies, and ventilation equipment (HRV/ERV)
- Recognize key areas to check when reviewing a submitted ventilation design and doing a site check for ventilation installation.
- Learn about good engineering practices and guidelines for forced air system design and installation with respect to inlet/outlet locations, equipment & duct size selection, and duct installation/sealing.

To register, complete this form and e-mail to mbos@stalbert.ca
or mail to ABOA, 52 Greystone Crescent, Spruce Grove, AB T7X 0A7

Course Location Leduc, AB Date September 18, 2018

Registrant Name _____

Company Name _____

Address _____

City _____ Province _____ Postal _____

Telephone _____ Fax _____ E-mail _____

METHOD OF PAYMENT: Visa MasterCard Cheque Enclosed (payable to Alberta Building Officials Association)

Credit Card # _____ Expiry Date (mm/yy) _____

Name on Credit Card _____ Signature _____

(Required for all credit card purchases)

