



Overview of the CSAF280 - 2012

Moderator(s): Matt Farrell

DATE: Wednesday, October 1st, 2014 TIME: 10:30 am

LOCATION: Strategy Room 3

GUEST SPEAKERS: Mr. Andy Oding - Building Knowledge Canada, Mr. Gord Cooke - Air Solutions Inc and Building Knowledge Canada

DESCRIPTION: Andrew Oding CEA, LEED AP, Senior Building Science Associate - As the OBC continues to elevate the envelope efficiency requirements for part 9 homes, the need for right -sized mechanical systems has become extremely important . "Bigger" is not necessarily "better" in today's energy efficient homes.

On January 1st 2015 the OBC will allow HVAC Load Calculations to be done applying the NEW CSA F280-2012. The standard supports the right-sizing of mechanical systems by acknowledging air tightness, ventilation and associated heat recovery, updated below grade and window thermal performance data and several other key changes. This session will provide a brief overview of the new CSA F280 -2012 along with several case studies wherein the new standard has been applied and tested.

BIOGRAPHY: Mr. Andy Oding , Senior Building Science Associate

Andrew Oding, LEED AP, CEA

Andrew Oding is a Building Science Associate with Building Knowledge Canada with over 25+ years of experience in the residential construction industry. Andrew is a recognized Building Science Trainer with the Government of Canada-Office of Energy Efficiency, Building Science Specialist (University of Toronto), a Certified Energy Evaluator (CEE), LEED Accredited Professional (AP) and certified HRAI/HVAC designer and commissioner.

He is current Chairperson for the Ontario Homebuilders OHBA /EnerQuality Technical committee and 2013 Chair for Natural Resources Canada's ENERGY STAR for New Homes Technical Committee. As well, Andrew is the Chair of the new CHBA 2014 Net Zero Housing Council

Andrew's extensive background as a Builder, Purchasing Director, and Manager of Operations for one of Canada's largest private homebuilders brings a unique, insightful and real-life practicality to building science principles and their in-field applications. Andrew possesses the unique ability to engage and educate people regarding building science principles and the practical, clear application in real-life field conditions.

BIOGRAPHY: Mr. Gord Cooke, President - Air Solutions Inc

Gord Cooke, President of Air Solutions Inc and Building Knowledge Canada, is a Professional Engineer with over 25 years of experience in the low and high-rise residential

building industry. An educator, industry consultant, and much sought after presenter, Gord has a unique talent for taking the building science issues that he sees in the field, and presenting them in an easily understood and practical real-world manner. He has particular expertise in applied building science, innovative HVAC systems, ventilation, HRV/ERV systems, and Indoor Air Quality (IAQ) and has developed and delivered a multitude of workshops in these fields.

Gord shares his insights with passion as he advocates better building practices, and methods for improving IAQ and energy efficiency in new and existing homes. Combining solid building science and communication principles with his training and technical background, Gord's presentations and workshops have been requested by builders, contractors, utilities, government agencies, and various building conferences throughout North America

Gord was an IAQ trainer with Canada Mortgage and Housing (CMHC) and is part of their International Building Technology Transfer Team. He is also a certified R-2000 and Energy Star Design Evaluator and trainer, a certified EEBA presenter for Healthy Houses That Work in the US and a past EEBA Board Member. He has contributed articles and columns to various publications including HPAC and Business Mechanical magazines. He was chairman of the CSA F280 Technical Committee on Heating Refrigeration & Air Conditioning.