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Program:

“Pertinent Building Codes for the Mechanical / Electrical Engineer”

Presented by: Jeff Larus

Building Inspector III for the City of Rapid City

Thursday, October 22nd, 2015

O'Connor Company

12:00-1:00 PM

Jeffrey Larus is a Building Inspector III for the City of Rapid City and has been with the City for twenty-four years. He currently heads up the mechanical inspection program and performs both electrical and mechanical inspections. His education at Western Dakota Tech includes a diploma in Industrial Electronics and a diploma in Electronics Technology. He is also a member of the Electrical Advisory Board, instructor for the Corporate Education Program teaching electrical classes, and a 2010 Distinguished Alumni at Western Dakota Tech. Jeff currently holds many certifications and licenses including:

- State of South Dakota: Electrical Inspectors License, Electrical Journeyman License, Emergency Medical Technician Certificate, Fire Fighter I Certificate, Rescue Technician Certificate, Certified Fire Fighter Instructor.
- Rapid City: Masters Electrician License.
- International Association of Electrical Inspectors Certifications: 1 and 2 Family Dwelling Electrical Inspector, General Electrical Inspector, Electrical Plan Review.
- International Code Council Certifications: Electrical Inspector, Building Inspector, Plumbing Inspector, Mechanical Inspector, Combination Inspector, Electrical Plan Review, Mechanical Plan Review.
- International Association of Plumbing and Mechanical Officials Certifications: Plumbing Inspector, Mechanical Inspector.

In addition to the above certifications, Jeff is the current Vice President of South Dakota Electrical Council, Vice President of the Black Hills Chapter of the South Dakota Electrical Council, and has been a Member of the Pennington County Search and Rescue Team for the past 26 years.

President's Message

With our first meeting now appearing in the rearview mirror, I must start by saying thank you to everyone who took time out of their busy schedule to join us. We had a very informational meeting regarding Lightweight Construction and the Modern Fire Environment as presented by Tim Behlings. Immediately after the presentation, Tim expressed that the fire department would appreciate any support we could offer in their efforts. Also, I want to personally congratulate Brooke Bialas in receiving the society level scholarship and certificate at our first meeting. This is the first time that I can recall our chapter presenting a society level scholarship certificate at a chapter meeting; I hope we can continue this trend and present many more in the future.

Moving forward I have a couple other items of new business. As you all might have noticed, the Newsletter has been distributed utilizing Google Groups. This should make it much easier for us to manage the distribution list from this point moving forward; if there are any questions or concerns with this, please let me know. The other item of business, we have a 39" smart TV that was purchased by the chapter and used at the 2015 CRC Registration Desk. It was the intent that we would raffle this television off at an ASHRAE event for a fund raiser of sorts. If anyone has an ideas regarding when and how to raffle this television off to reach the largest audience, please let us know. beyond that, I hope to see all of you at the next chapter meeting.

David Dowling, President, Black Hills Chapter of ASHRAE

CHAPTER MAY NOT ACT FOR THE SOCIETY

American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.



Chapter Programs Schedule

Below is a listing of this year's programs. Please call or e-mail suggestions for programs as indicated below:

September 17, 2015	Light Weight Construction and the Modern Fire Environment	Tim Behlings
October 22, 2015	Pertinent Building Codes for the Mechanical/Electrical Engineer	Jeff Larus
November 19, 2015	Refrigerants	Glenn Delabarre
December 17, 2015	BH Buisness Development Center Tour/Happy Hour	TBD
January 21, 2016	Electro Technology Expo	Distinguished Lecturer
February 18, 2016	Grubby Games Social Event	TBD
March 17, 2016	Intelligent Equipment	Dan Sullivan
April 21, 2016	ASHRAE Webcast: Making Net Zero Net Positive	Multiple
May 19, 2016	DL Program	Distinguished Lecturer

Send program suggestions to:

Mike Austin
(P) 605-348-2033
(F) 605-348-1543
programs@blackhillsashrae.org

Membership

If anyone knows of someone who might be interested in becoming a member of ASHRAE, contact Mike Malone at:
membershippromotion@blackhillsashrae.org

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A N I N T E R N A T I O N A L O R G A N I Z A T I O N

ASHRAE Learning Institute

2015 Fall Online Course Series

2 WAYS TO REGISTER

Take 3 or more courses and save 15% off registration!

Internet: www.ashrae.org/onlinecourses

Phone: Call toll-free at 1-800-527-4723 (US and Canada) or 404-636-8400 (worldwide)

Note: You may register up to 24 hours prior to an online course. Courses are in US Eastern Time. Earn CEU/PDH credits.

Energy Management Best Practices

Mon, October 12, 2015 – 1:00 pm to 4:00 pm EDT

Complying with Standard 90.1-2013: HVAC/Mechanical

Wed, October 14, 2015 – 1:00 pm to 4:00 pm EDT

Commissioning for High-Performance Buildings

Mon, October 19, 2015 – 1:00 pm to 4:00 pm EDT

Combined Heat & Power: Creating Efficiency through Design & Operations

Mon, October 26, 2015 – 1:00 pm to 4:00 pm EDT

Laboratory Design: The Basics and Beyond

Mon, November 2, 2015 – 1:00 pm to 4:00 pm EST

Fundamental Requirements of Standard 62.1-2013

Wed, November 4, 2015 – 1:00 pm to 4:00 pm EST

**The following course is comprised of two parts.
Registrants must attend both parts in order to receive
CEU/PDH credits.**

Commissioning Process in New & Existing Buildings

Part 1 - Wed, October 21, 2015 – 1:00 pm to 4:00 pm EDT

Part 2 - Wed, October 28, 2015 – 1:00 pm to 4:00 pm EDT

ASHRAE HVAC Design Training

2 Courses, 5 Days of Intense Instruction

Atlanta • Houston • Miami • Minneapolis

Halifax • Vancouver • Hong Kong • Kuala Lumpur

HVAC Design: Level I – Essentials - Registration is \$1,264 (\$1,009 ASHRAE Member)

Gain practical skills and knowledge in designing and maintaining HVAC systems that can be put to immediate use. The training provides real-world examples of HVAC systems, including calculations of heating and cooling loads, ventilation and diffuser selection using the newly renovated ASHRAE Headquarters building as a living lab.

HVAC Design: Level II – Applications - Registration is \$854 (\$699 ASHRAE Member)

HVAC Design: Level II — Applications provides instruction on HVAC system design for experienced HVAC designers and those who complete the HVAC Design: Level I – Essentials training. The training provides information that allows practicing engineers and designers an opportunity to expand their exposure to HVAC systems design procedures for a better understanding of system options to save energy.

Visit www.ashrae.org/hvactraining to register.