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**Program:**

**Electrical Fault Current Calculation/NFPA 70E Standard**

**Thursday, December 19, 2013 Meeting**

SDSM&T Surbeck Center  
Hisega Room  
Rapid City, SD  
12:00 PM - 1:00 PM

Presenter - Jeff Larus

Jeffrey Larus is a Building Inspector III for the City of Rapid City and has been with the City for twenty-two 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, 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 24 years.

**President's Message**

Since we previously didn't have a topic slated for this month and we are in the middle of the holiday season, it was decided to rearrange our programs schedule slightly by bringing in Jeff Larus to discuss building codes earlier. This should be a good program so I hope to see you all there.

Also, we have been trying to recruit help for the 2015 CRC Planning Committee. For those who have not been paying attention, our chapter will be hosting the ASHRAE Region IX Chapters Regional Conference (CRC) July 22 – 25, 2015. We need help in areas such as Finance, Accommodations, Transportation, Entertainment / Banquet, Registration / Hospitality, Publicity / Printing, Meetings / Workshops / Technical Sessions, Golf Outing, and Activities; any help would be greatly appreciated.

David Dowling, Vice President, Black Hills Chapter of ASHRAE

# ASHRAE Conferences 2013-2014

Attend to See What's New, Learn New Skills, Earn PDHs, Network with Peers

## ASHRAE IAQ 2013: Environmental Health in Low Energy Buildings

Oct. 15-18, 2013 | Vancouver, BC, Canada

[www.ashrae.org/IAQ2013](http://www.ashrae.org/IAQ2013)

*Comprehensive overview presented via papers.*

Co-organizer: 

## ASHRAE 2014 Winter Conference

Jan. 18-22, 2014 | New York, NY

Jan. 21-23, 2014 | AHR Expo

[www.ashrae.org/newyork](http://www.ashrae.org/newyork)

Bookstore Sponsor: 

## First International Conference on Energy and Indoor Environment for Hot Climates

Feb. 24-26, 2014 | Doha, Qatar


[www.ashrae.org/hotclimates](http://www.ashrae.org/hotclimates)

*Papers focused on arid and humid hot climates.*

Organized by:   Qatar Environment & Energy Research Institute

*Member of Qatar Foundation*

 Qatar Oryx Chapter

Co-sponsor: 

Gold sponsor: 

Endorsed by:    

## High Performance Buildings Conference

April 7-8, 2014 | San Francisco, Calif.

[www.hpbmagazine.org/hpb2014](http://www.hpbmagazine.org/hpb2014)

*State-of-the-industry presentations*



## Efficient, High Performance Buildings for Developing Economies

April 24-25, 2014 | Manila, Philippines

[www.ashrae.org/Developing2014](http://www.ashrae.org/Developing2014)

*First ASHRAE conference on this topic.*

Organized by:  

Co-sponsor: 

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## ASHRAE 2014 Annual Conference

June 28-July 2, 2014 | Seattle, Wash.

[www.ashrae.org/seattle](http://www.ashrae.org/seattle)

*2nd Annual Research Summit presented.*

## 2014 ASHRAE/IBPSA-USA Building Simulation Conference

Sept. 10-12, 2014 | Atlanta, Ga.

[www.ashrae.org/Simulation2014](http://www.ashrae.org/Simulation2014)

*Single collaboration of Energy Modeling and SimBuild Conferences.*

Organized by:  

Get Updated on Current Trends and Make Industry Connections at an ASHRAE Conference!

[www.ashrae.org/conferences](http://www.ashrae.org/conferences)



## Upcoming Events

Make plans now to attend the 2014 Winter Conference and AHR Expo in New York, January 18 - 22, 2014.

Obtain more information about the conference by visiting: <http://www.ashrae.org/newyork>

Make plans now to attend the High Performance Buildings Conference in San Francisco, California, April 7 - 8, 2014.

Obtain more information about the conference by visiting: <http://www.hpbmagazine.org/hpb2014>

Make plans now to attend the 2014 ASHRAE/IBPSA-USA Building Simulation Conf. in Atlanta, GA, Sept. 10 - 12, 2014.

Obtain more information about the conference by visiting: <http://ashraem.confex.com/ashraem/emc14/cfp.cgi>

**CHAPTER MAY NOT ACT FOR THE SOCIETY**

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

AN INTERNATIONAL ORGANIZATION



## Don't Forget...

Volunteers are still needed for the 2015 CRC Planning Committee. Please contact Allen Freeland, Judy Oakley, or Mike Mueller if you are willing to help out.

## Chapter Programs Schedule

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

September 25, 2013	Principles of Evacuation*	Cam Marklowitz
October 17, 2013	Geothermal Technology*	Ken Carpenter
November 21, 2013	Action Mechanical Sheet Metal Shop Tour	
December 19, 2013	Building Codes	Jeff Larus
January 16, 2014	14th Annual Electro – Technology Expo	Multiple
February 20, 2014	Refrigeration	Al Cornella
March 20, 2014	Black Hills Power Combustion Turbine Tour	
April 17, 2014	TBD	TBD
May 14, 2014	TBD	TBD

\* Completed Program

Send program suggestions to: Lance Rikala  
(P) 605-334-2164  
(F) 605-334-9642  
[programs@blackhillsashrae.org](mailto:programs@blackhillsashrae.org)

## Membership

If anyone knows of someone who might be interested in becoming a member of ASHRAE, contact Jeremy Clocksin at 342-2407 or email him at [membershippromotion@blackhillsashrae.org](mailto:membershippromotion@blackhillsashrae.org) or submit an application.

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