

# Watts CURRENT

## SDEC Annual Conference on April 8-9, 2011

### Hosted by the Huron Chapter

#### Speaker Steve Arne

Steve Arne entered the electrical apprenticeship in 1974 and has been licensed as a Master Electrician, Electrical Inspector, and Electrical Contractor. Steve has taught electricians full time since 1984, including 19 years at Western Dakota Tech, a post-secondary technical school where he also served as Electrical Department Chair. During that time he completed studies for a Bachelor's Degree in Technical Education and a Master's Degree in Administrative Studies with an HR emphasis.



Through his own company, Arne Electro Tech (AETech.com), Steve has taught many Code continuing education and exam prep seminars and feels that a teacher's greatest reward is the "Ah-Ha" experience seen as students learn something new or gain a new understanding. Steve has also done technical editing of Code-related textbooks and training material.

Steve and his lovely wife Deb live in Rapid City, South Dakota where they are active in their church and community. They have two grown children and five grandchildren. Steve has served for a number of years on the Board of Directors of the Black Hills Chapter of the SD Electrical Council and is currently the Chapter President.

#### Speaker Larry Smith

Larry is one of the few full time Code trainers in the country. He has been developing and presenting seminars and workshops since 1976. More than 43000 electricians, electrical contractors, and engineers have attended his workshops. Larry's mastery of the electrical industry comes from forty-three years experience as apprentice electrician, journeyman electrician, master electrician, state electrical inspector, electrical contractor, speaker, and author.



He is on the platform more than 150 days a year presenting public and private seminars to electrical engineers, electrical contractors, and electricians. On evaluation forms, seminar participants frequently describe him as the master of multimedia training.

Larry has been cited by Nebraska's governor for his contributions to the training of the electrical industry in the State of Nebraska, and was recently awarded the McMahan Award by the Nebraska Chapter of the Electrical Contractors Association for his contributions to the Electrical Contracting Industry. He earned the Certified Speaking Professional Designation from the National Speakers Association in 1999.

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**Conference Registration Form Enclosed**

**PRESIDENT'S NOTES**

**Mike Fisher**

The Huron Chapter of the SDEC is putting the final touches on our annual conference on April 8 & 9.

With the 2011 NEC in various stages of adoption, the convention offers multiple opportunities to be informed of the Code changes. It will also give you the chance to learn about new regulations for the lighting industry and an opportunity to understand thermography technology.

The annual conference gives you a chance to catch up with others in the industry that you don't get to see but once a year, find out to who is awarded the Person of the Year award, and the chance to view the latest electrical products with various vendors and suppliers. Did I mention the SIX chances that you have to win \$100.00 cash?

I hope to see you all at the 2011 ANNUAL CONFERENCE in Huron!

*Mike Fisher*

**Host Hotel - Crossroads Hotel and Event Center**

A block of rooms, under the SD Electrical Council are reserved at the Crossroads Hotel in Huron for \$71.00 for singles or double occupancy plus tax. To reserve a room contact The Crossroads at (800) 876-5858. All reservations must be received by March 31, 2011. After that date, the remaining blocked rooms will be released and sold on a first come first serve basis.

**Annual Conference**

**April 8 - 9, 2011**

**Hosted by the  
Huron Chapter  
at the  
Crossroads Hotel  
& Event Center**

**Huron, SD**

**Registration Form Enclosed**

or

**Register at  
www.sdec.org**

**SDEC Advertising Rate Sheet**

The "Watts Current" is a semi-annual (8 1/2 x 11) publication that is mailed to our membership, and advertisers. The current mailing list exceeds 1000 people. We mail the publication in March and October.

Ads are due to our office by the **15th of the month prior to publication.**

Page	Approximate	Rates	
Size	Dimension	Issue	Year
Full	7.5" x 9.5"	\$200	\$325
Half	5" x 7.5" or 3.5" x 9.5"	\$75	\$140
Quarter	3.5" x 5"	\$50	\$90
Eighth	3.5" x 2.25"	\$35	\$50

**For more information contact:**

South Dakota Electrical Council  
Kelli Fuhrmann, Council Administrator  
401 E. 8th St., Ste. 214-512  
Sioux Falls, SD 57103  
(888) 299-1675 or (866) 467-8864  
sdec@iw.net - www.sdec.org

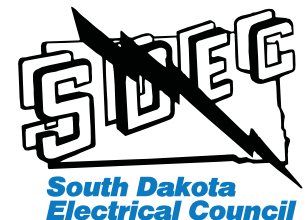
**Board of Directors**

- Mike Fisher . . . . . President
- Open . . . . . Vice-President
- Kelli Fuhrmann . . . . . Council Administrator

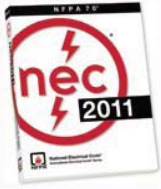
**Board Members**

- Steve Arne
- Steven Hietpas
- Ray Kub
- Roger Larson
- Jeff Larus
- JJ Linn
- Carl Maas
- Mike Miller
- Tom Nelson
- Mike Sprang
- Troy Swift

*SUPPORT IN THE PAST  
STRENGTH FOR THE FUTURE*



**www.sdec.org**



# Code Classes for Electrician Continuing Education

**Arne Electro Tech  
Steve Arne**

Volume 11, Issue 3  
Feb 25, 2011

## Pass your Electrical Exam! Journeyman and Master/Contractor Prep Classes NEC Code Update!

All classes are approved for 8 or 16 hours of Code in SD, IA, WY, NE, MN, MT, & more

IA 18 hr option- call us

### 2011 NEC Code Update Class:

**Gillette, WY** March 24-25, 2011 (Thur-Fri)

**Rapid City, SD** Arne Electro-Tech Classroom

April 28-29, 2011 (Thur-Fri)

**Cheyenne, WY** May 12-13, 2011 (Thur-Fri)

**Billings, MT** June 2-3, 2011 (Thur-Fri)

**Casper, WY** June 16-17, 2011

**Sioux Falls, SD** Aug 25-26, 2011

Fall classes will be posted on the website early this summer. Check our website schedule.

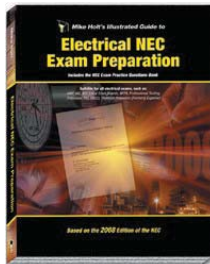
**Cost:** \$210.00 for 16 hrs/ \$135 for 8 hrs.

**Discount:** Advance Registration, paid 14 days before class: \$200.00 for 16 hrs / \$125.00 for 8

**Check our website at AETech.com:**  
2011 NEC Code Update, new classes will be added soon



For Upcoming Class Schedule, scan this QR code with your smart phone. You need to download QR code app .



### Comprehensive Exam Prep Combination!

The following 3 classes can be taken separately, or in combination. These classes are held in Rapid City, SD

**Day 1-2: Understanding the 2008 National Electrical Code.** 16 hours. This new "pre-session" for the Exam Prep course is a great over-all review of the NEC. Also approved for continuing education Code credit. Cost \$210.00 (early pay \$200)

**Day 3-4: NEC Electrical Code Calculations for Exam Prep.** 16 hours. Covers the NEC calculations needed for an exam. Approved for code credit. Cost \$295.00 (early pay \$285) Mike Holt's Exam Prep book (\$60) and NEC REQUIRED.

**Day 5: Master/Contractor Exam Prep Commercial Calculations.** 8 hours. This is an extension of the 2-day calculations course. (2 day course is a prerequisite) Approved for code credit. Cost \$160.00 (early pay \$150) Mike Holt's Exam Prep book (\$60) and NEC REQUIRED

**Attend the 4-day Comprehensive Journeyman \$505.00 (Early payment price: \$485).**

**Attend the 5-day Comprehensive Masters \$665 (Early payment price: \$635).**

#### Exam Prep Class Dates

March 14-18, 2011, May 2-6, 2011,  
June 6-10, 2011 (may switch to 2011, depending on state NEC adoption dates)



Steve Arne is an experienced electrician and educator with over 25 years of electrical teaching experience and over 35 years in the electrical field. Steve is the Technical Editorial Director for Mike Holt Enterprises in addition to teaching at Arne Electro Tech.

**Arne Electro Tech Seminars**



**605-342-9088  
AETech.com**

**OSHA 10 hr classes**  
Aug 29-30 Rapid City, SD  
More dates coming!

- *Enroll online*  
**AETech.com**
- *Get email schedules*  
**at AETech.com**
- *Significant Code Changes*
- *Major credit cards*
- *Check our Website for more classes, and updates*
- *All classes subject to minimum and maximum enrollments*
- **Dates, locations, and costs are subject to change**

"This was the best course I have taken. It was informative and kept moving along so it was easy to keep alert and interested" - Terry G.

"I have tried other classes and instructors, and don't feel like I learned much with them. I always leave Steve's classes with more knowledge and understanding of the NEC", Eric K

Scan the QR code to the left with smart phone to download contact information.



In God We Trust

Article I

Section 1 Any individual, corporation or other organization doing business in South Dakota, which is engaged in the manufacture, sale or distribution of electric devices, apparatus, *supplies or electrical power. Any person or company that is involved in the service, maintenance, installation, design, or engineering of electrical products, any electrical educator, or Electrical Inspector,* shall be eligible for membership in the South Dakota Electrical Council (hereinafter called SDEC) by:

- (A) Paying the membership fee hereinafter specified.
- (B) Agreeing to comply with and be bound by the articles of incorporation and bylaws of the SDEC and any rules and regulations adopted by the board of directors.

Section 5 Strike the following sentence: *Such Certificate shall be signed by the president and secretary of the SDEC and the corporate seal affixed thereto.*

Article V

Section 2 Election and Term of Office

The officers shall be elected *bi*-annually by and from the board of directors during the annual meeting of the SDEC. A vacancy in any office may be filled by the board of directors for the unexpired portion of the term. *Strike the following: Elections are held every two years.*

Article IX

Section 3 Strike Quarterly Meeting and replace with: *at the next available meeting of the board of directors.*

Article VII Financial Transaction

Section 4 Fiscal Year

*The Fiscal year of the SDEC shall be July 1, - June 30.*

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## SDEC Proposed Bylaw Changes (continued)

### Article X Chapters

#### *Section 3 Creation of new Chapters*

*Written notification must be made to the State Board of Directors of SDEC for the formation of any new Chapter. The notification must include a list of persons that have agreed to serve as Chapter Board of Directors. A majority vote of the Board is necessary for approval of any new chapter. Upon approval, for a period of 2 fiscal years after Board approval, the new chapter will be assisted by a member(s) appointed by the State Board Chairman of the Membership Committee, and be considered an “Associate Chapter”. The SDEC State Board of Directors will have financial responsibility for all associate chapter expenses during the first 2 years of operations. All expenses and income for the chapter shall be detailed as New Chapter Development, and included in the SDEC State Budget.*

*After the 2 year period, with assistance from the Council Administrator, the Associate Chapter Treasurer is responsible for obtaining a Tax Identification Number, and associated filing with the Internal Revenue Service. In addition, contact to SDEC Insurance Carrier must be made to assure proper Liability coverage. After all previous requirements are met, the Associate Chapter will be listed as a Chapter of the South Dakota Electrical Council*

#### *Section 4 Dissolution of Chapters*

*The SDEC Board of Directors may at its discretion, dissolve any chapter based on the performance of the chapter, mismanagement of funds, inappropriate actions, or any action or actions, that may put the SDEC at risk, or compromise the integrity of the organization. If the dissolution is initiated by the chapter, notification must be made to the Board of Directors of SDEC by the chapter president. A majority vote of the State Board of Directors is necessary for approval. Upon approval by the board, the State Treasurer will be the designated liaison to the Chapter. A full accounting and audit of finances will be done by the State treasurer, with assistance from the State Council Administrator. Any existing funds will be returned to the SDEC General Fund. In the event of existing chapter debt, the SDEC will review the audit and accounting before accepting any legal or financial responsibility. Notification to the IRS, cancellation of the Tax ID number, and notification to the SDEC Insurance Carrier, will be the responsibility of the State Treasurer.*



# Watts Current



2011 South Dakota Electrical Council  
Annual Conference *Tentative Agenda*  
April 8-9, 2011

The Crossroads Hotel & Event Center – Huron, South Dakota

## **Thursday, April 7, 2011**

6:30 pm – 9:30 pm SDEC Board of Director Meeting (Board of Directors, Chapter Presidents and Conference Chairs)

## **Friday, April 8, 2011**

7:00 am – 9:00 am Registration and Continental Breakfast in Lobby

8:00 am – 9:50 am Featured Speaker – Mike Miller “2011 Code Changes” in Dakota ABEF

9:50 am – 10:10 am Break Sponsored by South Dakota Municipal Electric Association in Lobby

10:10 am -12:00 pm Featured Speaker – Larry Smith “Agricultural Wiring” in Prairie A  
Featured Speaker – Steve Arne “2011 NEC Wiring Requirements, What’s in Your Wallet” in Dakota ABEF

12:00 pm – 1:00 pm Lunch and Annual Business Meeting in Dakota CDGH

1:00 pm – 2:50 pm Featured Speaker – Larry Smith “Wiring Methods” in Prairie A  
Featured Speaker – Steve Arne “2011 NEC Grounding & Bonding Requirements” in Dakota ABEF

2:50 pm – 3:10 pm Break and Visit with Vendors in Lobby

3:10 pm – 5:00 pm Featured Speaker – Mike Pratton “The Science of Thermography” in Dakota ABEF  
Featured Speaker – “LED Technology & Regulations for Lighting in Prairie A

3:10 pm – 6:00 pm Visit with Vendors in Lobby

6:30 pm – 10:00 pm Social / Banquet / Person of the Year award in Dakota CDGH

## **Saturday, April 9, 2011**

7:00 am – 9:00 am Registration & Continental Breakfast Sponsored by Touchstone Energy Cooperatives of South Dakota in Lobby

8:00 am – 9:50 am Featured Speaker – Larry Smith “Agricultural Wiring” in Dakota ABEF  
Featured Speaker – Steve Arne “2011 NEC Wiring Requirements, What’s in Your Wallet” in Prairie A

9:50 am – 10:10 am Break Sponsored by Northwestern Energy and Butler Machinery Company in Lobby

10:10 am – 12:00 pm Featured Speaker – Larry Smith “Wiring Methods” in Dakota ABEF  
Featured Speaker – Steve Arne “2011 NEC Grounding & Bonding Requirements” in Prairie A

12:00 pm – 1:00 pm Lunch in Dakota CDGH

1:00 pm – 3:00 pm SD Electrical Commission Inspectors Panel Discussion in Dakota ABEF

3:00 pm – 3:30 pm Award door prizes (Must be present to Win) in Dakota ABEF



# Watts Current

## SDEC Annual Conference

Hosted by the Huron Chapter

April 8 - 9, 2011

The Crossroads Hotel & Huron Event Center – Huron, SD

Code	Description	Code	Description
00	Allied Organizations	08	Manufacturer Representative
01	Educators & Individuals	09	IOU's
02	Retail Electrical Suppliers	10	Municipals
03	Engineers	11	REC's
04	Electrical Contractor	12	SDEC Board member
05	Electrical Distributor	13	SD State Electrical Commission
06	Electrician	14	Electrical Inspectors
07	Student	15	Associate member
		16	Apprentice Electrician

2011 Membership Dues: The Conference is for Members ONLY; if you have NOT received your 2011 membership card, you will need to PAY your dues to attend the conference. Please circle your industry code above & include \$40.00 with your registration. If you have questions on your membership, contact us at (888) 299-1675 or (605) 339-8888. You can pay by credit card online at [www.sdec.org](http://www.sdec.org) and then click on Member App.

### Registration fees – MEMBERS ONLY

Full Advance Registration includes all code, non-code classes, and meals. Advance registration is \$125.00 if paid by Friday, March 25, 2011. After March 26, 2011, full registration is \$140.00. Credit card payments are accepted online at [www.sdec.org](http://www.sdec.org). *We encourage late registrations to pay online at [www.sdec.org](http://www.sdec.org).*

HOST HOTEL - A block of rooms, under the SD Electrical Council are reserved at the Crossroads Hotel in Huron for \$71.00 for singles or double occupancy plus tax. To reserve a room contact The Crossroads at (800) 876-5858. All reservations must be received by March 31, 2011. After that date, the remaining blocked rooms will be released and sold on a first come first serve basis.

#### Full Registration by March 25, 2011

Full Advance Registration (members)	_____ @	\$125.00	_____
Full Spousal Registration (Friday & Saturday meals)	_____ @	\$40.00	_____
Full Registration – After March 26, 2011 (members)	_____ @	\$140.00	_____
Full Spousal Registration – After March 26, 2011	_____ @	\$60.00	_____
SDEC 2011 Membership (Non-members) See above for qualifications	_____ @	\$40.00	_____

#### Partial Registration by March 25, 2011

Friday, April 8, 2011 (Classes, Breakfast, Lunch & Dinner)	_____ @	\$95.00	_____
Saturday, April 9, 2011 (Classes, Breakfast & Lunch)	_____ @	\$95.00	_____
Friday Night Banquet only	_____ @	\$30.00	_____
Partial Registration after March 26, 2011 (Sign up online at <a href="http://www.sdec.org">www.sdec.org</a> )			
Friday, April 8, 2011 (Classes, Breakfast, Lunch & Dinner)	_____ @	\$115.00	_____
Saturday, April 9, 2011 (Classes, Breakfast & Lunch)	_____ @	\$115.00	_____

TOTAL AMOUNT ENCLOSED \_\_\_\_\_

NAME \_\_\_\_\_ SPOUSE \_\_\_\_\_  
 COMPANY \_\_\_\_\_ MEMBER ID \_\_\_\_\_  
 ADDRESS \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_  
 PHONE \_\_\_\_\_ EMAIL \_\_\_\_\_

#### MAKE YOUR CHECKS PAYABLE TO:

SDEC – 401 East 8<sup>th</sup> Street, Suite 214-512, Sioux Falls, SD 57103  
 (new mailing address, make sure to update your accounting files)  
 (888) 299-1675 - SDEC@IW.NET - WWW.SDEC.ORG

PAY BY CREDIT CARD ONLINE AT [WWW.SDEC.ORG](http://WWW.SDEC.ORG)

SDEC Calendar of Events

Save the Date:

Board of Director Meeting

April 7, 2011

Crossroads Hotel - Huron

6:30 pm - Social

7:00 pm - Dinner and Meeting

Open to:

- Chapter Presidents
• Chapter Representatives
• Conference Chairs
• Board Members

Annual Conference

Registration Forms Enclosed

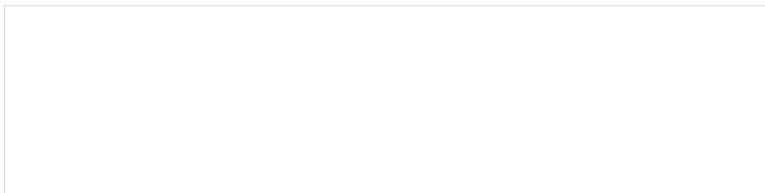
Visit www.sdec.org

Annual Conference
April 8-9, 2011

Annual Conference hosted by the
Huron Chapter
Crossroads Hotel & Event Center
Huron, SD

... "Every man owes a part of his time and
money to the business or industry to which he is
engaged. No man has a moral right to withhold
his support from an organization that is striving
to improve conditions within his sphere."

Theodore Roosevelt



Annual Conference
Registration Forms Enclosed
Visit www.sdec.org

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www.sdec.org
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