

Watts CURRENT

SDEC Annual Conference is April 28-29, 2017

Ramkota Hotel, Aberdeen

Speaker

Paul Krmpotich

Paul Krmpotich has worked in the electrical industry over 36 years. He started his electrical work in Minnesota, and has worked in many states at various times.



He has worked for Saudi Aramco in Ras Tanura, Saudi Arabia and in Irian Jaya, Indonesia for a mining operation.

He has worked for the Minnesota Electrical Association in development and presentation of material for the electrical industry.

He graduated from Dunwoody Institute in Minneapolis MN, completed an electrical apprenticeship through the IBEW and is a graduate of the University of Minnesota.

He has taught in the IBEW apprenticeship program and their JW training classes for 15 years.

He has a Class A Journeyman Wireman and Class A Masters Electrician's License from the State of Minnesota.

He has been teaching electrical classes for 30+ years to a variety of clients, from third world students, pre apprentice, apprentice, maintenance, electrician and engineers.

Speaker

Steve Arne

Steve has worked as an electrician, electrical contractor, and electrical instructor for 40 years. Nineteen years of his career were spent as a teacher and department head in post-secondary education. After retiring from Western Dakota Tech in 2003, he now provides



industry-direct training specializing in continuing education Electrical Code classes and Electrician Exam Preparation classes for Journeyman and Master's level exams. In 2012, Steve and Deb's son Ryan returned to Rapid City to help Steve expand his training business at AETech Electrical Training Center to include a 640 hour full-time day-time Apprentice Electrician Training Program, as an alternative to 2-year Technical School programs.

Steve worked with Mike Holt as a technical editor and video team participant beginning in 2002, and uses Mike's books in his classes.

Steve currently serves as a Board Member of the SD Electrical Commission, as well as the SDEC state board and the Black Hills chapter.

Steve and his wife in Rapid City; they are active in their church and community, and love to spend time with their children and grandchildren. Most of all, they strive to put God first in their lives and in their home.

Inside this Issue

President's Notes	2	Sponsorship Form	5
Board News.	2	Annual Conference Agenda	6
Arne Electro Tech Seminars	3	Registration Form	7
Conference Information	4	Calendar of Events	8

Conference Registration Form Enclosed

PRESIDENT'S NOTES

Jeff Larus

We are coming to the end of another season of local chapter educational opportunities and I hope everyone was able to attend several chapter meetings. Speaking of local chapter meetings, I found Lisa's presentation from CSA Group very informative this past January. Lisa was able to speak at all six of the local chapters this past January. We hope to provide a speaker again next year to travel to each of the chapters, if you have any ideas of a speaker or topic please let a state board member know your thoughts. I would also like to ask; please take the time to say thank you to your local board members they are the ones that make all the local chapter meetings possible.

Our yearly state convention is fast approaching on April 28th and 29th. This year's convention is being hosted by the Hub Chapter in Aberdeen. The Hub Chapter has been working hard to bring all of us a very informative and educational conference; they have a wide variety of speakers and vendors lined up for the conference. To learn more about the conference go to www.sdec.org.

Well another 3 years have gone by already and a new version of the NEC is out for review and I would encourage everyone to become familiar with this new version. The Public Hearing on the Adoption of the 2017 NEC will held in Pierre sometime in April.

Hope to see you in Aberdeen!

Jeff Larus

SDEC Advertising Rate Sheet

The "Watts Current" is a semi-annual publication mailed to our membership and advertisers in the Spring and Fall.

Ads are due at 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
 401 East 8th Street, Suite 214-512
 Sioux Falls, SD 57103
 (888) 299-1675 or (605) 339-8888
office@sdec.org - www.sdec.org

Featured Speakers

Paul Krmpotich

Steve Arne

Dan Neeser

Todd Reemtsma

Jerry Kraft

Chris Cullen

SD One Call

SD Electrical Inspectors

Annual Conference Details

www.sdec.org

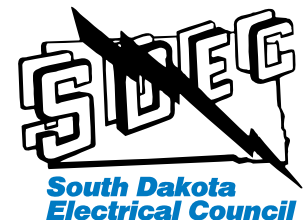
Board of Directors

Jeff Larus President
 Todd Braun Vice-President
 Kelli Fuhrmann Council Administrator

Board Members

Steve Arne
 Rob Buller
 Mike Fisher
 Reggie Gassman
 Steven Hietpas
 Reg Hofer
 Ray Kub
 JJ Linn
 Carl Maas
 Mike Miller
 Robert Raker
 Mike Sprang

*SUPPORT IN THE PAST
 STRENGTH FOR THE FUTURE*



www.sdec.org



AETech Electrical Training Center Code Classes

AETech
Steve Arne
Ryan Arne

www.AETech.com

March 2017

Pass your Electrical Exam! Journeyman and Master/Contractor Prep Classes NEC Code Update- 8 or 16 hour classes!

WWW.AETech.com
605-342-9088
office@aetech.com

NEW 2017 NEC Code Classes:

2-day 2017 Code Changes Class:

Cost: \$350 for 16 hrs - \$175 for 8 hrs.

Casper, WY Ramada Plaza
March 23-24, 2017 (Thurs-Fri)

Gillette, WY LaQuinta
April 20-21, 2017 (Thurs-Fri)

Cheyenne, WY Comfort Inn and Suites
May 25-26, 2017 (Thurs-Fri)

Rapid City, SD AETech Training Center
320 E Blvd North
June 15-16, 2017 (Thurs-Fri)

Class approvals submitted for Code credit in AK, AR, ID, IA, MN, MT, NE, ND, NM, OK, OR, SD, UT, WI, WY. (Not all states accept the Calculations classes for code update, check for final approval in your state)

Check for schedule updates at AETech.com

Saturday NEC Code Classes:

8 hours in Rapid City, SD—AETech

Taught by Jeff Larus— Electrical Inspector

Grounding and Bonding 2017 NEC Mar 11

Grounding and Bonding 2017 NEC April 8

2017 Code Change Highlights May 13

2017 Code Change Highlights June 10

Taught by Steve Arne:

2017 Code classes will be accepted by various states on different schedules. **Be sure you know what your state will accept!**

Are You Ready to Pass Your

Electrical Exam?

SD is testing on the 2014 NEC until August 2017, so this class will stay on the 2014 NEC until June

Exam Prep Class Dates at AETech

March 6-10, 2017

May 8-12, 2017

April 3-7, 2017

June 5-9, 2017

To study and review for your state test is not always easy, but working together in class reviewing the NEC Code and gaining a better understanding of Code Calculations helps you prepare! These classes are taught many times yearly in Rapid City, SD by Steve Arne, Master Electrician and experienced Instructor.

5-Day Comprehensive Exam Prep (\$875.00) includes the following 2 classes:

2-Day Code Review. 16 hrs. This “pre-session” for the Exam Prep course is a great review of the NEC. Approved for continuing education Code credit. NEC Book REQUIRED. (Cost: \$350.00)

3-Day NEC Electrical Code Calculations for Exam Prep. 24 hrs. Covers the NEC calculations for an exam. Approved for code credit in some states. **Cost \$525 plus Mike Holt’s 2014 Exam Prep (\$68.90) and 2014 NEC REQUIRED.**

Guarantee: If you do not pass your electrical exam after taking this class, you may retake it for half price within six months.

Apprentice classes: our full-time four-month program has been accepted by WY as their related training requirement and is accepted by SD as 640 apprentice on-the-job hours. Most states require 4 years of supervised on-the-job experience for apprentices to qualify to test as journeyman. Classes starting in August!

1st Day Registration

7:30 a.m.

Daily: 8am—5pm

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

“I would like to thank you all for the excellent class you put on for the Journeyman Exam prep. I took the WY Journeyman test and passed thanks to your class preparation!”
- Dustin

This class was a huge help in getting thru the ND Masters exam. I believe without this class I would not have passed.”
- Kevin

“I thought the class for both the Journeyman and Master were great; I wouldn’t have passed both tests on the first try without the course. Steve and staff do a great job with everything.”
- Chaz

Host Hotel - Aberdeen

SDEC has reserved a block of sleeping rooms at the Ramkota Hotel in Aberdeen for \$109.99; single/double occupancy plus applicable taxes. To reserve a room contact the Ramkota at (605) 229-4040 and ask for the South Dakota Electrical Council room block. Reserve your room by March 27, 2017 to receive the group rate. Each individual is responsible for reserving and paying for your hotel room. Please check the SDEC website at www.sdec.org for the latest conference information.

Mission Statement

Founded on December 3, 1952, the purpose of the South Dakota Electrical Council is to promote and improve the electrical industry within South Dakota. The council strives to promote technical and product knowledge, continuing education, and better communication among its members through trade shows, joint utility training, newsletters, awards and individual chapters of the South Dakota Electrical Council. The SDEC and its membership are committed to building cooperation, fostering goodwill, and developing pride among all segments of the electrical industry.

**Speaker
Dan Neeser**

Dan Neeser is a Field Application Engineer for Eaton's Bussmann™ series products. He had been employed by this company since 1996 and specializes in training on the design and application of overcurrent protective devices in electrical distribution systems in accordance with the National Electrical Code (NEC®), and equipment in accordance with the various product standards. He participates in IEEE (Sr Member) with Industrial and Commercial Power Systems, NEMA, NFPA (committee member for NEC CMP-13 and NFPA 79), UL® STP (508, 508A, and 508C STPs) and IAEI activities.



**Register Online
Annual Conference Details
www.sdec.org**

**SDEC Annual Conference
Hosted by the Hub Chapter
April 28-29, 2017
Ramkota Hotel - Aberdeen**

**Register up to 15 people in your company
with the online registration system.**

www.sdec.org



2017 SDEC Conference Sponsorship / Exhibitor Opportunities

- I will provide a Door Prize
- Early Bird Vendor Booth – 8 x 10 (by March 31, 2017) \$300.00
(One complimentary conference registration)
- Early Bird Vendor Booth – Two 8 x 10 spaces (by March 31, 2017) \$400.00
(Two complimentary conference registrations)
- Vendor Booth – 8 x 10 (after March 31, 2017) \$350.00
(One complimentary conference registration)
- Vendor Booth – Two 8 x 10 spaces (after March 31, 2017) \$450.00
(Two complimentary conference registrations)
- Electricity with Vendor Booth (Limited Number) \$25.00
- Vendor Banquet Ticket (per person) \$40.00
- Convention Program Ad (full page 3 ¼ by 8 ¼ w x l) \$100.00
- Break Sponsor (does not include conference registration) \$200.00
- Continental Breakfast Sponsor (does not include conference registration) \$300.00
- Social Sponsor (does not include conference registration) \$500.00
- Lunch Co-Sponsor (does not include conference registration) \$500.00
- Lunch Sponsor (does not include conference registration) \$1000.00

If your company would like to be included in the conference booklet, please reply by **Friday, April 7, 2017** otherwise we cannot guarantee your content will be included in the booklet due to printer deadlines. Camera ready ads should be emailed to office@sdec.org before **Friday, April 7, 2017**.

Booth Attendee _____	Booth Attendee _____
Company _____	Member ID _____
Contact _____	
Address _____	
City _____	State _____ Zip _____
Phone _____	Email _____
Amount Enclosed _____	Ad Use same as last year? Yes or No

Questions: email us at office@sdec.org or call the SDEC office at (605) 339-8888.

IF YOU MAIL A PAPER REGISTRATION FORM, MAKE YOUR CHECKS PAYABLE TO:

SDEC - 401 EAST 8TH ST, STE 214-512, SIOUX FALLS, SD 57103
 (888) 299-1675 – office@sdec.org
REGISTER at WWW.SDEC.ORG

If you [registered online](#) you do NOT need to mail an Exhibitor / Sponsor Registration Form



Friday April 28, 2017

Time	Topic and Meeting location	Speaker	CEU - 8
7:00 – 8:00	Registration and Continental Breakfast in Convention Center Concourse (sponsor opportunity)		
8:00 – 12:00	Concurrent Sessions (Choose 1)		
8:00 – 12:00	(Part One) Chapter 3, General Wiring Methods & Materials – 2017 NEC in Dakota Room E	Paul Krmpotich	4 hours
8:00 – 12:00	(Part One) Code Change Highlights in Amphitheater	Steve Arne	4 hours
8:00 – 12:00	Arc Flash – Fusing – Phone Apps in Dakota Room B	Dan Neeser Bussmann	4 hours
8:00 – 9:50	(1 hour) Basic Lighting Controls in Dakota Room D (1 hour) New Rules & New Tools for Emergency Lighting Control in Dakota Room D	LED Group - JTH Todd Reemtsma Jerry Kraft	2 hours
10:10 – 12:00	(1 hour) Understanding CRI & the Value of Exceptional Color Quality in Dakota Room D (1 hour) Parking lot Safety – Lighting to Reduce Injuries & Risk in Dakota Room D	LED Group – CREF Chris Cullen	2 hours
8:00 – 9:50	2017 Damage Prevention in Dakota Room C	SD One Call	1 Hour Non Code
9:50 – 10:10	Break in Convention Center Concourse (sponsorship opportunity)		
12:00–12:30	Lunch and Annual Business Meeting in Convention Hall (sponsor opportunity)		
1:00 – 5:00	Concurrent Sessions (Choose 1)		
1:00 – 5:00	(Part 2) Motor Fuel Dispensing Facilities – 2017 NEC in Dakota Room E	Paul Krmpotich	4 hours
1:00 – 5:00	(Part 2) Code Change Highlights in Amphitheater	Steve Arne	4 hours
1:00 – 2:50	2017 Damage Prevention in Dakota Room C	SD One Call	1 hour Non Code
12:30 – 6:30	Visit Exhibitors in Convention Hall		
2:50 – 3:10	Break with Exhibitors in Convention Hall (sponsorship opportunity)		
5:00 – 6:00	Social in Convention Hall (sponsorship opportunity)		
6:00 – 8:00	Banquet / Presentation of the Person of the Year Award / Entertainment in Convention Hall (sponsorship opportunity)		

Saturday April 29, 2017

Time	Topic and Meeting location	Speaker	CEU-8
7:00 – 8:00	Registration and Continental Breakfast in Convention Center Concourse (sponsor opportunity)		
8:00 – 12:00	Concurrent Sessions (Choose 1)		
8:00 – 12:00	Chapter 3, General Wiring Methods & Materials – 2017 NEC in Dakota Room E	Paul Krmpotich	4 hours
8:00 – 12:00	Code Change Highlights in Amphitheater	Steve Arne	4 hours
8:00 – 12:00	Arc Flash – Fusing – Phone Apps in Dakota Room B	Dan Neeser Bussmann	4 hours
8:00 – 9:50	(1 hour) Basic Lighting Controls in Dakota Room D (1 hour) New Rules & New Tools for Emergency Lighting Control in Dakota Room D	LED Group - JTH Todd Reemtsma Jerry Kraft	2 hours
10:10 – 12:00	(1 hour) Understanding CRI & the Value of Exceptional Color Quality in Dakota Room D (1 hour) Parking lot Safety – Lighting to Reduce Injuries & Risk in Dakota Room D	LED Group – CREF Chris Cullen	2 hours
8:00 – 9:50	2017 Damage Prevention in Dakota Room C	SD One Call	1 hour Non Code
9:50 – 10:10	Break in Convention Center Concourse (sponsorship opportunity)		
12:00 – 12:30	Buffet Lunch in Convention Hall (sponsorship opportunity)		
12:30 – 4:30	Code Panel with State Electrical Inspectors led by Dan Larson in Amphitheater	SD Electrical Inspectors	4 hours
2:00 – 2:20	Break in Convention Center Concourse (sponsorship opportunity)		
4:30	Door Prizes and Adjourn in Amphitheater		

South Dakota Electrical Council Annual Conference Ramkota Hotel – Aberdeen, South Dakota April 28-29, 2017

2017 Membership Dues: The Conference is for South Dakota Electrical Council (SDEC) members ONLY; please select the *SDEC Registration Rates and Join* if you have NOT received your 2017 membership card. Everyone who attends the conference must pay the 2017 dues to attend the conference. Please circle your industry code below. If you have questions please email us at office@sdec.org or contact us at (888) 299-1675 or (605) 339-8888.

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

Registration fees – MEMBERS ONLY

FULL ADVANCE REGISTRATION INCLUDES all classes and meals. Advance registration is \$150.00 if paid by Friday, April 14, 2017. After April 14, 2017, full registration is \$170.00. **New in 2017 you will be able to register online** (features include group registrations and paying membership dues in one transaction). **Register today or mail the paper registration form. We cannot accept credit card payments via phone. We encourage registrations after April 14, 2017 to register at www.sdec.org.**

Refunds – If you must cancel your registration, please put in writing and email to the SDEC at office@sdec.org by 5 pm on April 14, 2017. After that date, due to guarantees we must give, refunds are NOT available.

Host Hotel – SDEC has reserved a block of sleeping rooms at the Ramkota Hotel in Aberdeen for \$109.99; single/double occupancy plus applicable taxes. To reserve a room contact the Ramkota at (605) 229-4040 and ask for the South Dakota Electrical Council room block. Reserve your room by March 27, 2017 to receive the group rate. Each individual is responsible for reserving and paying for your hotel room. Please check the SDEC website: www.sdec.org for the latest conference information.

SDEC Member Registration Rates

Full Advance Registration by April 14, 2017 _____ @ \$150.00 _____
 Full Registration — After April 14, 2017 _____ @ \$170.00 _____

Partial Registration by April 14, 2017

Friday, April 28, 2017 (Classes, Breakfast, Lunch & Dinner) _____ @ \$115.00 _____
 Saturday, April 29, 2017 (Classes, Breakfast & Lunch) _____ @ \$115.00 _____
 Friday Night Banquet only (April 28, 2017) _____ @ \$40.00 _____

Partial Registration after April 14, 2017 (Register at www.sdec.org)

Friday, April 28, 2017 (Classes, Breakfast, Lunch & Dinner) _____ @ \$140.00 _____
 Saturday, April 29, 2017 (Classes, Breakfast & Lunch) _____ @ \$140.00 _____

Registration Rates and Join SDEC

Full Advance Registration and Join SDEC _____ @ \$190.00 _____
 Full Registration and Join SDEC — After April 14, 2017 _____ @ \$210.00 _____

Partial Registration by April 14, 2017

Friday, April 28, 2017 (Classes, Breakfast, Lunch & Dinner) and Join SDEC _____ @ \$155.00 _____
 Saturday, April 29, 2017 (Classes, Breakfast & Lunch) and Join SDEC _____ @ \$155.00 _____
 Friday Night Banquet only (April 28, 2017) _____ @ 40.00 _____

Partial Registration after April 14, 2017 (Register at www.sdec.org)

Friday, April 28, 2017 (Classes, Breakfast, Lunch & Dinner) and Join SDEC _____ @ \$180.00 _____
 Saturday, April 29, 2017 (Classes, Breakfast & Lunch) and Join SDEC _____ @ \$180.00 _____

AMOUNT ENCLOSED: _____

PLEASE PRINT CLEARLY

We encourage registrations after April 14, 2017 to register at www.sdec.org.

Name _____ Name 2 _____
 Company _____ Member ID _____
 Address _____
 City _____ State _____ Zip _____
 Phone _____ Email _____

IF YOU MAIL A PAPER REGISTRATION FORM, MAKE YOUR CHECKS PAYABLE TO:

SDEC - 401 EAST 8TH ST, STE 214-512, SIOUX FALLS, SD 57103

(888) 299-1675 – office@sdec.org

REGISTER at WWW.SDEC.ORG

If you registered [online](http://www.sdec.org) you do NOT need to mail a Registration Form

SDEC Calendar of Events

Save the Date:

Board Meeting

April 27, 2017 - Ramkota Hotel, Aberdeen

5:30 pm - Social

6:00 pm - Dinner and Meeting

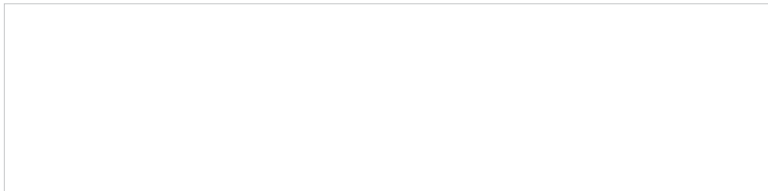
Open to:

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

Annual Conference
April 28 - 29, 2017
 Hosted by the Hub Chapter
Ramkota Hotel
Aberdeen, SD

Annual Conference
 Registration Forms Enclosed
 Visit www.sdec.org

... "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

RESORTED
 STANDARD
 U.S. POSTAGE
 PAID
 CHAMBERLAIN, SD
 PERMIT NO. 16

South Dakota Electrical Council
 401 E 8th Street, Ste. 214-512
 Sioux Falls, SD 57103
 (888) 299-1675
 office@sdec.org
 www.sdec.org