



# THE SPARK

## ECAA E-Newsletter

October 3, 2014

Issue 44

### In This Issue

[President's Message](#)

[Testimonials](#)

[Industry News](#)

[Board of Directors Update](#)

[Chapter Activity](#)

[New Members](#)

[PEC News](#)

[Continuing Education](#)

### Quick Links

[www.ecaa.ab.ca](http://www.ecaa.ab.ca)

### Calendar of Events

#### Upcoming PEC Courses

**Assessing & Finalizing the Tender**  
**October 16 & 17, 2014**  
**(Edmonton)**

**Legal Implications**  
**November 6 & 7, 2014**  
**(Calgary)**

**Accounting Principles**  
**November 13th & 14th, 2014**  
**(Calgary)**

**Design Build**  
**November 21st & 22nd, 2014**

OCTOBER/2014

### Welcome to ECAA's E-Newsletter, The Spark!

This e-newsletter was created to keep members informed on the Association's activities and upcoming events in a timely manner.

### President's Message

Hello again, with the recent government ministerial changes the ECAA committees are challenged with re-establishing communication channels and relationships. The ECAA board and special committee members have started with 2014/2015 season meetings including Chapter meetings across Alberta. I have attended some of these Chapter meetings and will continue to schedule my attendance at each Chapter in the next few months. Meeting members at these Chapter meetings has been a pleasure and I look forward to the upcoming meetings.



Darcy Teichroeb, PEC

The ECAA has seen very successful events such as the Bob Carson Classic Golf Tournament (although very cold weather golfing) and the Ft. McMurray Golf Tournament. Thank You to all the volunteers at these events for their dedication and hard work.

Along with our first ECAA board meeting our board members also participated in an orientation/goals and objectives meeting where we reviewed and scored our Association's objectives set at the 2013 orientation meeting. I applaud all the board members and office staff for meeting, and in most cases, exceeding the objectives set in 2013 to grow and improve our Association. We will reset our score card and continue to work hard at our ongoing objectives/goals to continue the successful growth of the ECAA.

With the industry stakeholder committees back in monthly/quarterly sessions you can expect new bulletins and announcements of industry news to be communicated through our upcoming Chapter meetings and association publishing's such as our "Spark News Letter". For those who like challenge and change, one major announcement is the impending release and

(Calgary)

**Business & Public Relations  
November 27th & 28th, 2014  
(Edmonton)**

**Tradeshows**

October 3rd & 4th, 2014  
**Alberta Employment  
&  
Career Fair**  
(Edmonton Expo Center)

**Thank you to all the volunteers  
who helped man our  
ECAA booth!**

**Join Our List**

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**Social Networking**



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adoption of yet another new Canadian Electrical Code - 2015 23rd edition (new code books available January 1, 2015). Communication of the adoption and enforcement dates will be announced when these dates have been confirmed by the regulating authorities. The ECAA will also announce code update training dates when the dates are confirmed.

Darcy Teichroeb, PEC  
ECAA Provincial President

### Testimonials

*"In the last few months I have received two awards from ECAA, those being the Lifetime Membership Award and the Larry Wosnock Distinguished Service Award. I didn't think that I was doing anything that would merit these awards but I am honored to receive them. My thanks to those responsible for nominating me. Many active members, including myself, are starting to slow down and will be less active in the future. I would like to challenge the younger members of the Association to maintain the culture of volunteering that has been a mainstay for this Association since it's inception. This Association and all the good things that it stands for are a result of long hours of service. My experience has been that when you participate there are huge benefits. Look for opportunities to do a little more than the minimum. You won't regret it."*

Pat Barnes - Retired member of ECAA

### Industry News

**New Electrical Standata** for determining maximum current which copper or aluminum conductors may carry in underground runs. This is a major change to the previous code.

**Section 4 - Conductors, Rule 4-004 Ampacity of Wire and Cables. Underground Installations.** The Appendix B note on this item makes reference to "defined assumptions"... *It is the intent of this Rule that where ampacities of underground installations of cable size 1/0 and larger are based on conditions of use other than those set out in the foregoing notes or the defined assumptions preceding them, they should be justified by precise calculations based on IEEE 835.* ... but nowhere are those assumptions apparent. (See Standata on [www.ecaa.ab.ca](http://www.ecaa.ab.ca) website). This is a major change to the previous code.

**Government to begin accepting grants October 2014.** Canada-Alberta Job grant application dates and information will be posted to [www.AlbertaCanada.com/jobgrant](http://www.AlbertaCanada.com/jobgrant) once the program is available.

### WOMEN BUILDING FUTURE GRADUATES READY FOR HIRE

WBF Electrical Basics graduates are prepared for entry-level employment in the electrical industry with the goal of becoming an apprentice electrician. Graduates receive an introduction to various tools, currents, voltage, resistance and circuits and hands-on skills training in running wire, bending pipe, installing switches and stripping and insulating splices. Safety certification is provided by the Alberta Construction Safety Association in Standard First Aid and CPR, CSTS & WHMIS, Elevating Work Platform and Fall Protection. WBF students are selected through an intensive assessment process including 'fitness-to-work' testing provided by SureHire Occupational Testing Services Canada.

All WBF graduates receive WBF's Workplace Culture Awareness™ training, which prepares women to understand the expectations of the construction workplace, appropriate attitude, attire and conduct, employer expectations and the cost of

absenteeism, effective communication skills, workplace norms and career development. WBF graduates live primarily in Edmonton and Calgary. Some are available to work out-of-town. Members of the Electrical Contractors Association of Alberta interested in our hiring program, please contact Lenora Forseth at 780-969-3953, [lforseth@womenbuildingfutures.com](mailto:lforseth@womenbuildingfutures.com)

**About Women Building Futures.** Women Building Futures is a leader in trades training for women with extensive experience recruiting women into the construction workforce at a consistent employment placement rate of 90 per cent. WBF graduates are motivated to work +and make excellent tradespeople. WBF works with employers to find the right people, at the right time, for the right work. For information about WBF contact Heather Markham, Marketing & Communications, [hmarkham@womenbuildingfutures.com](mailto:hmarkham@womenbuildingfutures.com)

The registration deadline for the **Construction Owners Association of Alberta AGM** is fast approaching: If you haven't yet registered, please do so by Monday, October 6, 2014. Even aside from exercising the obligation and privilege of membership-your participation is crucial, for example, in voting in new directors and approving next year's budget-this is a great opportunity to catch up on several emerging and ongoing COAA initiatives, as well as to catch up with colleagues from across our industry.

Date: Wednesday, October 8, 2014

Muffins & Networking: 8:30 to 9:00 a.m.

AGM: 9:00 to 12:00 p.m.

Sandwiches and Networking: 12:00 to 1:00 p.m.

Location: ConocoPhillips Canada Auditorium, 3rd Floor, 401 - 9th Avenue SW, Calgary, Alberta. Register online at [www.coaa.ab.ca](http://www.coaa.ab.ca).

#### **Alberta Construction Association**

is undertaking an Operations Review this October to ensure that we are providing the services required by members, and that sufficient resources are allocated to the highest priority initiatives. We want to hear from you, our member firms, to better understand what trends you are dealing with, areas you wish ACA to focus on, and your views on ACA's current performance. Please take a few minutes to complete the member survey so that we can do a better job serving you. Your individual responses remain anonymous and only aggregate results will be published. Please complete the survey no later than Friday October 3rd. Thanks for your continuing support!

[Access the Survey here.](#)

For more ACA news visit <http://albertaconstruction.net/>

**Preview the 2015 Canadian Electrical Code & CSA Z462 Workplace Electrical Safety Standards.** Terry Becker, P.Eng., CECSP, IEEE Senior Member will be attending and presenting on how to develop and implement an Electrical Safety Program.

The CSA Conference series will provide presentations related to the CSA Z462 Workplace electrical safety Standard, 3rd Edition, 2015 that will be published in January of 2015. Other presentations will be provided with respect to the CEC Part 1 and the new CSA Z463 Guideline on maintenance of electrical systems.

Western Conference in Calgary, Alberta on October 15 & 16, 2014, at the Delta Calgary South

Register online: <http://shop.csa.ca/en/canada/electrical-training/canadian-electrical-safety-conference-series/inv/50064090>

**2014 CFAA Alberta Technical Seminar on Advancements in Technology & Practices.** Wednesday, October 8th, 2014 at the Edmonton Marriott at River Cree Resort. For registration and more information on presenters visit [www.cfaa.ca](http://www.cfaa.ca)

## Board of Directors Update

ECAA Board meeting held on Friday, September 19th. In attendance President Darcy Teichroeb, PEC; Mr. Terry Barnett; Mr. Darrell Castor; Mr. Bob Clarke; Mr. Rob Coleman, PEC; Mr. Brent Connell, PEC; Mr. Joe Davis; Mrs. Jeanette DeBruin; Mr. Les Dzwonkiewicz, PEC; Mr. Eric Fadden, PEC; Mr. Clem Gratton, PEC; Mr. Dennis Horrigan; Mr. Doug Miller; Mr. Terry Milot; Mr. Chris Rauschnig, PEC; Mr. Brian Reed (guest); Mr. Tim Tarita; Mr. Hans Tiedemann; Mr. Ray Wery, PEC; and Mrs. Sheri McLean.

Correspondence included: Public member on the Alberta Apprenticeship & Industry Training board; letters appointing Mr. Dennis Horrigan and Mr. Hans Tiedemann public members on the ECAA board; thank you for sponsorship of Safety Codes Council convention speaker Mr. Max Valiquette; promotional allowance from Federated Insurance; Safety Codes Council complaint protocol; thank you from Mr. Jacob Fluker (from Fort Saskatchewan), recipient of \$500 first place finish in electrical installation from ECAA (who went on to win gold in his category at Nationals and will be competing at World Skills in Brazil in 2015). Business Arising included discussion on Journeyman Associate Membership and an update on Prompt Payment legislation. July financial statements reviewed as well as September investment portfolio. Information was circulated from CSA on course delivery on the 23rd edition of the Canadian Electrical Code. One PEC and eight membership applications were approved. Reports were received from Chapter presidents and Committee chairs (in Issue 3 of the Contactor). Sponsorship of Building Magic in the Air STAR gala better than last year. Ticket sales and auction items still required. Contact Sheri ([smclean@ecaa.ab.ca](mailto:smclean@ecaa.ab.ca)) or Sabrina ([sali@stars.ca](mailto:sali@stars.ca)) for information.

Mr. Rick Moyses, Alberta Culture & Tourism joined the Board following lunch. Review of goals, mission and vision statements were reviewed. Vision statement was edited: **"Respected, connected and informed electrical industry leaders today; building for tomorrow."** Mission statement remained the same:

*"The Electrical Contractors Association of Alberta is the voice and information centre of the electrical industry, a self-governing body working to ensure a professional membership through education, safety, and strong stakeholder relationships."*

Board very pleased the following goals were met: (1) Increase sustainable membership to ensure a strong voice for the viability of the Association; (2) Sustain and grow partner relations and communications to build respect and recognition; (3) Develop additional revenue sources to support the Association's initiatives; (4) Maintain a strong board and staff through succession planning to ensure the ongoing viability and strength of the ECAA; (5) Provide more access to, and increase interest in professional development opportunities offered by the ECAA.

The following goal was moved to 2015: Develop a marketing strategy to increase awareness, value, and benefits of the ECAA (2014 focused on the PEC

program. Committee found it too overwhelming to conduct both at the same time).

Meeting adjourned at 3:30 pm. Next meeting scheduled for Friday, October 24th.

**Open door policy:** Reminder that ECAA Board of Directors invites those interested in sitting in on a Provincial Board meeting and bring forth ideas or just to gain a little perspective. Please contact Sheri McLean ([smclean@ecaa.ab.ca](mailto:smclean@ecaa.ab.ca)) to sit in on a future meeting.

Members also encouraged to attend a Chapter Executive meeting to gain more insight into what your volunteers do.

#### **Have something to say?**

ECAA is currently looking for guest writers for the Spark. Contact Darcy or Sheri.

#### Local Chapter Activity

Updated Chapter reports in Issue 3 of the Contactor, being mailed October 3, 2014.

**CALGARY:** Next meeting **Thursday, October 9th** at the Best Western Port O'Call. **Guest Speaker:** Kent Hehr, MLA for Calgary-Buffalo. **Topics of Discussion :** Job Skill, Training & Labour (Trade skills shortage in Alberta); Addressing Infrastructure spending in Alberta.

**CENTRAL:** Next meeting 5:30 pm, Wednesday, November 5, 2014 at the I-Hotel on 67th street. **Guest Speaker:** HMI Hoyme Manufacturing.

#### **EDMONTON**

**Dart Night, Tuesday, October 7** at Kingsway Legion, 14339 - 50 Street, 6:00 pm - 9:00 pm. Darts in '501' format with teams of 2,3 or 4 encouraged. Bring your spouses and friends to play or cheer on the teams! RSVP by October 3rd to 780-451-2412 or [carnett@ecaa.ab.ca](mailto:carnett@ecaa.ab.ca)

Next chapter meeting **Monday, October 20th** Chateau Louis Hotel & Conference Centre. **Guest Speaker:** HMI Hoyme Manufacturing.

**FORT McMURRAY.** Chapter meeting scheduled for Tuesday, November 4th, Chateau Nova Hotel.

**LETHBRIDGE:** Next meeting **Wednesday, October 8th** at the Lethbridge Lodge. **Guest Speaker:** Mr. Dave Bentley, Hub International Phoenix Insurance Brokers. **Topic of Discussion:** Changing Face of Contract Security.

**NORTH EAST:** Join Chapter President Terry Barnett in welcoming Provincial President, Darcy Teichroeb, PEC to the meeting on **Tuesday, October 21st** at 5:30 pm, Spiros Steakhouse, Lloydminster. Speaker to be confirmed.

**NORTH WEST:** Join Chapter President Tim Tarita in welcoming Provincial President Darcy Teichroeb, PEC to the chapter meeting scheduled for **11:30 am, Wednesday, October 15th** at the Pomeroy. **Topic of Discussion:** Occupational Health & Safety.

#### New Members

Welcome new Contractor Members: **Allelectric Innovation Renovation Installations** (Calgary); **Armax Electric (2006)** (Lethbridge);

**Car Pa'Diem Contracting** (Didsbury);**Dorren Electric** (Lethbridge);  
**1st TechniCall Systems** (Lethbridge); **Mikado Electric** (Lethbridge); **Neu-Lite Electric** (Lethbridge); Associate Members: **Mansfield Technical Service**(Calgary); **Valid Manufacturing Ltd** (Calgary).

## Professional Electrical Contractor (PEC) News

*Welcome New PEC -Christopher Thomas, #282.*

**ECAA Call for Speakers!** It's never too early to plan and with that in mind the planning for ECAA Training Day 2015 is already underway. If you are interested in presenting or have a suggestion for a topic please contact Larry Cantelo, PEC ([lcantelo55@gmail.com](mailto:lcantelo55@gmail.com)) or Sheri McLean, CAE ([smclean@ecaa.ab.ca](mailto:smclean@ecaa.ab.ca)). The theme is "**Changes in Codes & Standards**". Presentations will be dedicated to Residential, Commercial and Industrial streams.

**SAVE THE DATE: ECAA Training Day, Friday, May 22nd, 2015 Copper Point Resort Invermere, BC.** This year's Training Day recently held in Edmonton proved to be successful and very well attended. Thank you to all the facilitators that helped facilitate each stream. We are currently looking for ideas and suggestions for themes and sessions to include in Training Day 2015. Any ideas can be emailed to [lcantelo55@gmail.com](mailto:lcantelo55@gmail.com) or [smclean@ecaa.ab.ca](mailto:smclean@ecaa.ab.ca).

## Continuing Education

### 23RD EDITION CANADIAN ELECTRICAL CODE FACILITATORS

The **Electrical Contractors Association of Alberta (ECAA)** is currently seeking proposals from interested facilitators to deliver an update of the changes in the 23rd edition of the Canadian Electrical Code and the Code for Electrical Installations at Oil & Gas Facilities, 2015, 5th Edition. ***This update must meet the Safety Codes Council recertification requirements*** for Alberta Master Electricians and Safety Codes Officers as approved by the Electrical Technical Council. Delivery is expected to begin in March 2015. Facilitator must be flexible as to timelines, schedules and prepared to travel to ECAA chapters around the province to ensure availability to all our members. Initially we anticipate offering two courses per month, however this may vary. Deadline for submission of proposals is **November 28, 2014 @ 12:00 noon**. Any proposal received after the deadline will be rejected and returned to the submitter unopened. The ECAA is not responsible for any time, costs etc. in developing the proposal. Please send proposal with accompanying resume to Mrs. Sheri McLean, CAE; Executive Director/Registrar, Electrical Contractors Association of Alberta, 17725 - 103 Avenue, Edmonton, AB T5S 1N8 or via email ([smclean@ecaa.ab.ca](mailto:smclean@ecaa.ab.ca)).

Registrations are being accepted for all courses scheduled in 2014 form on ECAA website under PEC section and in Calendar of Events: Contact Christine Hryniw ([chryniw@ecaa.ab.ca](mailto:chryniw@ecaa.ab.ca)) to register or for more information on the program.

### [2014 - 2015 PEC COURSE REGISTRATION FORM](#)

**Assessing & Finalizing the Tender, October 16th & 17th, 2014 (Edmonton)** This course for the Professional Electrical Contractor courses covers organizing the estimate, finalizing the tender, and computer aid in estimating and finalizing the

tender. Since the course is aimed at Professional Electrical Contractors, very little time is spent on basic take-offs. The course addresses calculations of various overheads, mark-up theories, labor factors, evaluating risk factors, and the like, all concerns that the active business manager meets up with every day. These three parts of this course are designed to create an awareness in the Professional Electrical Contractor of the various business principles involved in preparing his or her tenders.

***Legal Implications, November 6th & 7th, 2014 (Calgary)***

This course will increase your awareness and understanding of legal issues and pitfalls common to electrical contractors. The course will also address incorporation, income tax and GST, construction contracts, subcontracts and liability thereunder as well as how to ensure payment for your work - including remedies available under The Builders' Lien Act.

***Accounting Principles, November 13th & 14th, 2014 (Calgary)***

This course will introduce you to the terms and concepts of accounting and show you how to use them to attain goals and controls for future growth. You will learn practical skills to help you develop, interpret and use financial data, pin-point problem and profit areas, and focus your resources toward a successful electrical contracting business.

***Design Build, November 21st & 22nd, 2014 (Calgary)*** The design build course is an orientation to a relatively popular project delivery method that is intended for estimators, managers, engineers, executives and owners of electrical contracting firms to address opportunities in design build and expand their market share.

***Business & Public Relations, November 27th & 28th, 2014 (Edmonton)***

A series of five modules designed to give you essential and proven management concepts in the areas of managing: Credit & Collections, Business Promotion, Sales Management, Business Management and Human Resource Management. Each module will teach you hands-on management strategies to immediately begin improving the performance and profitability of your electrical contracting business.

ONLINE TRAINING AVAILABLE THROUGH ECAA.

**FIRST LEVEL SUPERVISOR TRAINING PROGRAM**

This course offers the critical basic skills and concepts needed to supervise a crew in the residential, institutional, commercial, industrial and civil construction sectors. For more information click on the following link [First Level Supervisor Training Program](#)

**Course cost is \$400 and to enroll contact Christine [chryniw@ecaa.ab.ca](mailto:chryniw@ecaa.ab.ca)**

**ELECTRICAL SAFETY TRAINING SYSTEM (ESTS)** is a computer based, distance delivered program that recognizes Provincial & Federal Occupational Health & Safety Regulations. The program promotes a "Plan, Do, Check, Act" philosophy applying CSA Z462, based on CSA Z1000 Occupational Health & Safety Management System Standard. ***Course is complimentary to all unionized electrical contractors and their employees that have a bargaining relationship with the IBEW Local 424.*** Contact Christine ([chryniw@ecaa.ab.ca](mailto:chryniw@ecaa.ab.ca)) to sign up.

**ON-LINE ETHICS COURSE.** This course is designed for the Certified Master Electrician (CME) that desires to maintain that designation and for any Registered Master Electrician (RME) or Master electrician that desires to become a CME. Information at [www.ecaa.ab.ca](http://www.ecaa.ab.ca) (Ethics course).

If you are an ECAA Contractor or Associate member and would like us to help promote an industry or company event please contact us directly at 1-800-252-9375.

We value your feedback and it is important to us. Please submit any comments to [smclean@ecaa.ab.ca](mailto:smclean@ecaa.ab.ca).

**The next issue of The Spark will be emailed Friday, November 7th, 2014.**



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