



ECAA

Electrical Contractors
Association of Alberta

THE SPARK

ECAA NEWSLETTER

December 8th, 2017

Issue 82

In This Issue

[President's Message](#)

[Did you Know?](#)

[Electrical Safety Program
"Product in a Box"](#)

[Getting to Know Your
Associates](#)

[Industry News](#)

[Board of Directors Update](#)

[New Members](#)

[Chapter Activity](#)

[PEC News](#)

[ECAA Courses](#)

[PEC Courses](#)

[Online Training](#)

[News from ACA](#)

Calendar of Events

PEC COURSES

[2018 PEC Registration Form](#)

MEETINGS

January 10th, 2018
Fort McMurray

January 11th, 2018
Calgary

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

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

President's Message

Last month we undertook another week of travel to two of our Chapters. November 14th we were up to Fort McMurray and then back to Edmonton for a day then off the Grande Prairie for the 16th. Being able to meet with contractors and associates who came out to the meetings has been so valuable in getting a sense of the different challenges the electrical industry has in each of these areas.



Its been a busy week for the Provincial Board as all our Committee Chairs and Chapter Presidents came together yesterday in Edmonton for our December meeting and open house. We spent the morning with Rick Moyse from Alberta Culture and Tourism reviewing goals we set back in 2014. As we went through what we discussed 3 years ago, we were able to see how far we have come and the progress we have made. The main theme of each of the goals always comes back to providing value to our membership and increasing the visibility of the ECAA.

This year in particular, I feel grateful and privileged to be able to chair such a passionate well-informed group of electrical industry professionals. Thank you to each and every one of our Board and staff for all of your contributions on every level. Each and every time our Board meets the bar gets raised a little higher and together, our efforts make the electrical industry in Alberta a pleasure to be a part of.

Yours in Service

Eric Fadden, PEC
ECAA Provincial President

Did you know?

January 15th, 2018
Edmonton

January 17th, 2018
Lethbridge

SOCIALS

*Edmonton Chapter
President's Ball*

Saturday, January 20th, 2018
Chateau Lacombe Hotel
Edmonton, AB

Join Our List

Join Our Mailing List!

We're social! Like us on facebook; follow us on twitter and subscribe to our YouTube channel!



We will be hosting several social media contests in the New Year. To qualify for a chance to win a \$50 gift card like and share our pages, posts and videos!

Electrical Safety Program "Product in a Box"

For more information on how you can license the Electrical Safety Program "Product in the Box" please contact the ECAA.

Getting to Know Your Associate Members

Aon, the world's leading construction broker, offers coverages not available in the marketplace anywhere else at extremely competitive rates. Without having to leave your current bonding company, Aon can secure you enhanced terms and conditions on your bonding program by utilizing our benchmarking data secured from our 2500 construction clients across Canada. Learn more: construction.aon.ca

Industry News

ECAA has contracted with Marex Canada to deliver

2018 Canadian Electrical Code Seminars. Registration now available. Limited spots, please register early. [2018 Code Seminar Registration Form](#)

Pre-order your copy of the 2018 CE Code Book today. Code books will be available January 2018; code and handbook bundles available February 2018.

[Code Book Pre-Order Form](#)

Thank you to all of our members and guests that attended our Christmas Open House. With over 125 in attendance it was a very successful event. **With your generosity we were able to donate \$1015 to the Edmonton Food Bank** along with two large boxes of food donations! Thank you to DJ Coppens who donated his portion to the food bank.

Invoices and AGM & Training Day Registrations will be emailed prior to the Christmas break. Thank you for your continued membership and support in our Association. ECAA office will be closed December 25th and re-open January 2nd, 2018.

Just a reminder that as of December 1st, 2017, ECAA will no longer be able to offer Air Miles rewards.

Cannabis At Work is pleased to announce the launch of our new Reasonable Suspicion course developed in conjunction with SureHire Occupational Testing. [Click HERE](#) to get free access the Reasonable Suspicion course for supervisors or employees. **Offer ends on December 15.**

STARS - ECAA would like to thank our members and industry partners in supporting Building Magic in the Air. The goal for this past year was to raise enough funds to purchase a STARS Infusion Pump. While the helicopter plays a significant role in allowing us to reach the patient quickly, saving lives is not just about getting there fast. Patients need the right medical specialist, with the right skills, medicine and equipment to administer immediate life-saving medical care, long before

arriving at the hospital. The infusion pumps in the back of each helicopter are an important medical device that delivers fluids, nutrients or medications into a patient's body in controlled amounts. In 2016, 245 pediatric patients were transported by STARS due to trauma or a life-threatening medical emergency. During each on of these missions a transport infusion pump was utilized for their care. While infusion pumps are utilized for both adult and pediatric patients, EVERY pediatric patient transported by STARS is on a pump. Thank you again for your generosity and support of this event. Please mark your calendars to join us for this event in 2018. **Date: Saturday, October 20th, 2018** at the Chateau Lacombe Hotel in Edmonton.

Hannover Messe: The HANNOVER MESSE is one of the world's largest trade fairs. It will be between the 23rd and 27th of April 2018 on the Hanover Fairground in Hanover, Lower Saxony, Germany. Typically, there are about 6,500 exhibitors and 250,000 visitors. It is the world's leading trade show for industrial technology, taking place at the heart of Europe! From individual components to the complete intelligent factory, as well as topical trends such as energy efficiency, lightweight construction and additive manufacturing - at HANNOVER MESSE you'll get a complete picture of the industrial value-adding chain under one roof - in Hanover and worldwide.

BILD Alberta Appoints Chief Executive Officer. BILD Alberta Transition Board Chair, Wendy Jabusch, is pleased to announce the appointment of **Carmen Wyton** as the association's Chief Executive Officer, effective November 14, 2017. **ECAA congratulates Carmen and wishes her all the best in this position.** Building Industry and Land Development Alberta Association (BILD Alberta) represents the amalgamation of the Canadian Home Builders' Association - Alberta and the Urban Development Institute Alberta. BILD Alberta is the unified voice for the land development, home building and renovation industry, representing over 1,900 business members.

A friendly reminder of **Alberta Chamber Resources upcoming Annual General Meeting** on the morning of Friday, February 2nd, 2018 at the Shaw Conference Centre in Edmonton. We have an exciting agenda being finalized and have confirmed two of three speakers for the day:

- Brendan Marshall, Mining Association of Canada
- David Dodge, Bennett Jones
- TBD

An updated version of the agenda will be available soon at <https://www.acr-alberta.com/events/2018-agm-awards-banquet/>

Date: February 2, 2018
Venue: Shaw Conference Centre, Edmonton AB
Time: Coffee & Networking begins at 8:30 a.m. with the meeting at 9:00 a.m.
Cost: \$100 (+GST) per person

For your convenience, you can register online at www.acr-alberta.com using VISA or MasterCard. The deadline to register is January 26, 2018. If you have any questions, please contact Thea Hawryluk at (780) 420-1030 ext. 222 or by email at thea@acr-alberta.com

Board of Directors Update

A Board meeting was held on December 7, 2017. In attendance were President Eric Fadden, PEC; Mr. Terry Barnett; Mr. Tim Brundage; Mr. Jason Burke; Mr. Darrell Castor, PEC; Mr. Bob Clarke; Mr. Brent Connell, PEC; Mr. Joe Davis; Mrs. Jeanette DeBruin; Mr. Dave Hagen; Mr. Brian Halina; Mr. Scott Hutton; Mr. Bob Maslanko, PEC; Mr. Andrew McGuire; Mr. Terry Milot; Mr. Chris Rauschnig, PEC; Mr. Tim Tarita; Mr. Darcy

Teichroeb, PEC; Mr. Brandon Thoma, PEC; Mr. Hans Tiedemann, Mr. Steve Warholik, and Mrs. Sheri McLean, Recording Secretary. Following pictures, Mr. Rick Moyse, Alberta Culture & Tourism facilitated a session reviewing goals for 2018. Code update dates and Training Day registration was reviewed. Correspondence included: Request from Chatter High; thank you for ECAA's support of Careers the Next Generation & Top Ten in Trades - Electrician program; industry concern from a group of contractors in Calgary; information on HANNOVER MESSE (one of the world's largest trade fairs for industrial technology); appointment of ECAA reps onto the ACA sub-committees; discussion regarding electrical contractors that wish to install Solar PV systems; notification from Alberta Apprenticeship & Industry Training (AIT) on ECAA's 2017 AIT and RAP scholarship recipients. 60/90 day overdue accounts discussed; 2018 budget approved; October pro forma and financials reviewed; and Wood Gundy Investments discussed. Membership and PEC applications were approved. Chapter and Committee reports were presented (see Issue IV of Contactor for detailed reports). Board meeting was followed by ECAA annual open house. Thank you to the 125+ members and guests who joined us. Next meeting: January 19th at the ECAA Provincial office.

New Members

Welcome New Members

Contractors: 1518708 Alberta Ltd. (Ardrossan); **Comet Electrical**(Grande Prairie); **Fan & Lighting Installation** (Calgary); **Greentech Electric Corporation** (Wetaskiwin); **H.C. Electrical Quality Inc.** (Fort Saskatchewan)

Associate: **Appleton Group** (Emerson) (Edmonton); **Element Industrial Solutions** (Edmonton); **Rotaflo Controls Inc.** (Edmonton); **Shermco Industries** (Calgary); **Shermco Industries** (Edmonton)

Retired: Brian Phelps, PEC (Calgary)

Local Chapter Activity

Pre-Meeting Presentations have been scheduled for Calgary and Edmonton and will occur 1 hour prior to each Chapter meeting. There is no cost to attend however you do need to RSVP. These meetings and presentations are open to everyone in the electrical industry. Refer to Chapter notices for more information and details. These presentations will also occur in Rural Chapters in conjunction with Chapter meeting.

CALGARY: Next meeting **Thursday, January 11th** Best Western Port O'Call Hotel.

Pre-Meeting Presentation 5:00 pm: Dan Klufas, Federal Metals

Topic: Metal Theft Task Force

Meeting Sponsor: Federal Metals

Tickets still available for the Calgary Chapter Christmas Social! Join Chapter President Andrew McGuire and the Chapter Executive on December 14th at the Best Western Port O'Call. Dinner, Silent Auction and Holiday Cheer!

[CLICK HERE TO PURCHASE TICKETS](#)

[Silent Auction Request](#)

[Food Bank Donation Wish List](#)

EDMONTON: Next meeting is **Monday, January 15th**, Chateau Louis Hotel & Conference Center.

Pre-Meeting Presentation 5:00 pm: Dan Klufas, Federal Metals

Topic: Metal Theft Task Force

Chapter Meeting & Dinner 6:00 pm. Guest Speakers: Pat Barnes

Topic: Edmonton People in Need Shelter Society

Meeting Sponsor: Federal Metals

*Join Chapter President Brent Connell and his wife Monique on Saturday, January 20th, 2018 at the Chateau Lacombe Hotel for the **Edmonton Chapter President's Ball**. Cocktails at 6:00 pm, Dinner 7:00 pm Dance to follow with Musical Guests Blackboard Jungle.*

[President's Ball Invite](#)

[CLICK HERE TO PURCHASE TICKETS](#)

FORT McMURRAY: Next Meeting **January 10th, 2018**, Best Western Sawridge Suites. **Guest Speaker:** TBA

LETHBRIDGE: Next Meeting **January 17th, 2018**, Lethbridge Lodge.

Guest Speaker: FBC Canada

Topic: Tax Changes for Small Business

Meeting Sponsor: FBC Canada

***Electrical Project Management Course**

Thursday, January 11th & 12th, 2018

Lethbridge Lodge

NORTH WEST: Upcoming PEC Course.

***Assessing & Finalizing the Tender**

Thursday, January 25th & 26th, 2018

Pomeroy Hotel, Grande Prairie

[PEC Course Registration Form](#)

Professional Electrical Contractor (PEC) News

Congratulations & Welcome New PEC's

Kevin Shandro, PEC #339

Jesse Turuk, PEC #340

Marc Luciw, PEC #341

Ryan Shumard, PEC #342

Kelsey Demer, PEC #343

Everett Allan Maryatt, PEC #344

Patrick Wilde, PEC #345

PEC APD Points Reminder LAST CALL.

"PEC' s # 265 to #287 (received your PEC in 2014) you need to have earned 60 APD (Annual Professional Development points) by December 31st, 2017 and you have until January 31st, 2018 to enter points earned in

2015 to 2017. Any questions on APD points please contact ECAA office chryniw@ecaa.ab.ca "

Thank you, Practice Review Chair

ECAA Courses

ECAA has partnered with MCA (Mechanical Contractors Association) to offer

Communication & Email Etiquette

on **Wednesday, February 7th, 2018** at the ECAA Provincial Office (17725 103 Avenue, Edmonton, AB) 8:00 am - 10:00 am.

Learning Objectives: Upon completion of this session, front line staff, supervisors, and managers will be able to:

- Determine which communication approaches they've been using
- Explain the three modes of communication and their impact on meaning
- Choose the appropriate level of listening to apply to conversations at work
- Identify the best method to use (face-to-face, phone, email etc.) for future communications
- Implement electronic communication best practices

\$65 ECAA Member/\$80 Non Member

2 APD Points

[CLICK HERE TO REGISTER](#)

JSA (Job Site Apps) 2018 Training

Thank you to the 52 who responded to the Job Site Apps Survey sent on November 18th. Result 1 Devices used on site were as follows (Alphabetical order)

Android phones 34%, Apple Iphone 48% , Apple iPad 22%, Laptop 42%. Percentages do not total to 100 as many respondents have more than 1 device. Results 2 Application Requirements were as follows:

Category:	Application Requirement
1. Administration	Time Tracking Mileage tracking for Billing On-Site Invoicing
2. Drawings	Red-lining (Assuming PDF) Review w/ Version Management Review for Change Orders
3. Sharing & Collaboration	Cross Platform Document Storage and Viewing Collaboration - Sequential Access Collaboration - Simultaneous Access
4. Navigation and or	Site location for rural or hard-to-find addresses
Site Safety	Job Hazard Assessment form Filling

out Electronically
Job Hazard Assessment tracking
completed forms.

Result 3 proposed hands on Job Site Applications training of the above 4 categories for 2018 are a 3.5 hour afternoon training session scheduled for:

Edmonton: February 6th, 2018

Red Deer: February 7th, 2018

Calgary: February 8th, 2018

Training Day May 25th, 2018.

Instructors for this session will be Shawn Rose and Todd Funk who did 2013 iPad on the job hands on training for ECAA.

Be sure to mark your calendars for these courses. Registration will be available shortly.

Contact ECAA Office for more information on these courses.

Professional Electrical Contractor (PEC) Courses

[2018 PEC Course Schedule and Registration](#)

ELECTRICAL PROJECT MANAGEMENT (Rob Colclough, PEC) Thursday, January 11th & Friday, January 12th (Lethbridge)

Practical hands-on skills to learn and apply project management processes and knowledge areas, to reduce project cost through effective purchasing and administration; to avoid paying for others errors or omissions; to recover all costs which you are entitled; effective record keeping to enhance project profitability.

Objectives PEC Electrical PM:

1. List and apply Project Management processes (5) and knowledge areas (10).
2. Identify and recover all costs to which you are entitled.
3. Avoid paying for others' errors or omissions.
4. Reduce project costs through effective purchasing and administration.
5. Identify cost overruns - and take corrective action.
6. Use effective record keeping systems to enhance project profitability.

ASSESSING & FINALIZING THE TENDER (Chris Reinert, PEC) Thursday, January 25th & Friday, January 26th (Grande Prairie)

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.

*****Reminder all PEC's retaking courses 12 APD points apply. Reduced course rate of \$60 per course.***

Online Training

ECAA has launched the following new courses to our training website. Along with the Ethics and ESTS Electrical Worker Training on CSA Z462 we have added:

- ESTS Electrical Worker USA 2015
- ESTS Non-Electrical Worker Canada and USA 2015
- Bear Awareness Online Training
- Confined Space Pre-Entry Online Training
- Fire Safety Awareness
- Ground Disturbance Online Training - Supervisory 3.0
- H2S Awareness Online Training 2.0
- Hazard Awareness Online Training 2.0
- TDG Online Training 3.0
- WHMIS 2015 Online Training
- Defensive Driving - 3 Demerit Reduction Online Training (Alberta Only)
- Defensive Driving Condensed Online Training (CDN Version)
- Fatigue Management for Senior Administrators and Supervisors Online Training
- Fatigue Management: Driving Drowsy - Taking Responsibility Online Training
- Professional Drive Improvement Course Online Training - 3 Demerit Reduction (Alberta Only)

Start your training today on www.ecaatraining.com

ONLINE TRAINING

Arc Flash & Shock Electrical Safety Training based on CSA Z462-2015 Developed for workers that perform energized electrical work. The course curriculum is based on the 3rd edition of CSA Z462, published in 2015. The overall course content was developed using industry accepted best practice standards as the under pinning in support of meeting Provincial or Federal regulatory due diligence for arc flash and shock.

ESTS Electrical Worker training is focused on the practical application of CSA Z462 within the workplace and providing documentation tools in support of the Employer's overall Occupational Health & Safety Management System and an Electrical Safety Program. Employers are required to have an updated Electrical Safety Program that incorporates the new requirements from CSA Z462-2015 for workers to receive the most benefit from this course.

The ESTS Electrical Worker course is broken down into five sections for ease of use. Workers should self-pace themselves based on their understanding of the subject matter. All workers are encouraged to stop and start their course by saving their progress before exiting. At any time during the course workers can ask questions to an Instructor and follow along using a comprehensive Student Workbook as a training aid.

Students who score 80% or greater earn their training certificate and can apply for 0.6 Continuing Education Units (CEU's). Final assessment questions are fully randomized so Workers never have the same exact questions.

Electrical Worker Training Modules:

1. Introduction
2. Regulations, Consensus-based Standards and Best Practices
3. Understanding Electricity in the Workplace
4. Electrical Hazards: Understanding the Potential for Harm
5. Risk Assessment Procedure

6. Establishing an Electrically Safe Work Condition
7. Engineering and Administrative Controls
8. Electrical Specific PPE, Tools and Equipment
9. Emergency Response, Incident Reporting and Program Maintenance
10. Final Assessment & Work Task Scenarios

Learning Objectives for Qualified Electrical Workers:

1. Explain the Regulations and Standards applicable to their role and responsibilities.
2. Identify and understand electrical hazards and risk assessment.
3. Effectively manage electrical hazards by following the Work Flow Process to safely execute energized electrical work.
4. Learn how to complete an Arc Flash Risk Assessment and Shock Risk Assessment as part of an overall Risk Assessment Procedure (RAP).
5. Apply preventive and protective control measures to reduce risk.
6. Understand electrical incident emergency response and incident reporting requirements

The ESTS Electrical Worker training course was developed by Terry Becker, P.Eng., ESPS Electrical Safety Program Solutions INC. and ESPS is partnering with the ECAA to bring this training to Members.

To purchase this training course visit www.ecaatraining.com

FIRST LEVEL SUPERVISOR TRAINING PROGRAM **5 Gold Seal

Credits 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 is complimentary to all unionized electrical contractors and their employees that have a bargaining relationship with the IBEW Local 424.

Course cost is \$400 and to enroll contact Christine chryniw@ecaa.ab.ca

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.ecaatraining.com (Ethics course).

ACA Update

Learn the New Rules on Alberta Employment Standards

More details on impending changes to Alberta's Employment Standards are available since ACA first alerted members in June 2017. Please note that, despite a review for accuracy by Alberta Labour prior to publication, ACA's June 2017 article contained an error. While it stated correctly that special regulations for the industry were not changing, an error was missed in the examples provided that incorrectly included banked overtime as one of the standards for which construction had special rules. In fact, the construction sector does not have special rules for overtime banking and so the changes made through the **Fair and Family-friendly Workplaces Act** to banked overtime will apply to the construction industry.

Details can be found at the following link:

<https://www.alberta.ca/employment-standards.aspx>

Alberta's new Employment Standards Code comes into effect Jan 1, 2018 with the exception of youth employment changes which will come into effect May 1, 2018. Products and services will roll out this fall to help employers and employees learn the new rules:

- new website and printable fact sheets Nov-Dec

- instructional videos - Dec
- [live webinars- available now](#)
- revised toolkit for employers - mid-Dec
- revised guides, including hospitality and retail specific editions - mid-Dec
- updated online self-assessment compliance tool for employers - Jan

Webinars (both live and pre-recorded) are available however, if organizations are interested in an Information session they may submit a request for consideration by email to newesinfo@gov.ab.ca.

ACA Disappointed With Bill 30

The government of Alberta announced Monday a comprehensive piece of legislation addressing perceived concerns around updating Worker's Compensation Board and Occupational Health and Safety.

The Government suggests these reviews, legislation and code changes are intended to bring fairness and better service for workers. During the process to create this legislation the government advocated that they would consult industry. The impression left from Bill 30 is that the government has not listened to industry's legitimate concerns.

ACA Chair Paul Heyens said "During fragile economic times for our province we are disappointed about this legislation and feel that it will be an extraordinary burden on employers. The ability of our members to continue to provide good paying jobs to workers, invest in safety programming, and support their communities may be compromised by the additional costs."

The OHS review did not provide the opportunity for government to respond to industry requests to see the evidence that joint worker / employer health and safety committees improve worker engagement and employer safety performance.

During the WCB review the costs increases were set at 62 million, now they have increased to 94.5 million according to the government but there is a lack of full costing. The system will now have more red tape and financial costs.

Getting things right for workers also means getting it right for their employers. Even ACA's request, agreed to in WCB Review recommendation 24, that WCB amend its policies to review a worker's continued benefits in situations where an employer terminates a returning employee for egregious acts was rejected by the government.

The overall idea to make the WCB and OHS more responsive and responsible to workers is laudable. We believe it helps no one to have an unfair process. But this same measurement should also go for employers. They are the ones taking on the burden of financing the WCB and feel there should be equity in how it deals with all parties.

ACA will continue to advocate for amendments and changes in the legislation to help employers deal with these rapid and repeated changes. We will also work with the Industry Task Force to challenge the assumptions of this legislation.

ACA represents 3200 member firms in commercial, industrial, and Institutional construction industry across Alberta. Construction employs one in nine working Albertans.

For more information and background see the links below:

Government of Alberta

[Bill 30](#)

[Bill 30 Technical Briefing slides](#)

[WCB Review Report](#)

[ACA Submissions and letters to Minister and Panel](#)

[ACA WCB review submission \(2016\)](#)
[ACA 2nd submission to WCB review panel January 2017](#)
[ACA Letter to the Minister February 1, 2017](#)
[ACA Letter to the Minister August 29, 2017](#)
[ACA submission to OHS Review](#)

Past Articles

[WCB and OHS Reviews has ACA Concerned](#)
[WCB Review Needs Careful Response But Surplus Should Be Refunded](#)
[ACA Responds to WCB Review Committee](#)
[ACA Shares Concerns With WCB Review Committee](#)
[ACA Requests to Speak to WCB Review Panel](#)
[ACA Provides Input to Review of WCB](#)
[Labour Minister Meets With ACA](#)

For more news and events visit www.albertaconstruction.net

Contact Us

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 its important to us. Please submit any comments to smclean@ecaa.ab.ca

The next issue of The Spark will be emailed on January 5th, 2018.



ECAA

Electrical Contractors
Association of Alberta

17725 - 103 Avenue Edmonton, AB T5S 1N8
Phone: 780-451-2412 Toll Free: 1-800-252-9375
www.ecaa.ab.ca



Follow us on **twitter**

View our videos on **You Tube**