



ECAA

Electrical Contractors
Association of Alberta

THE SPARK

ECAA NEWSLETTER

July 7th, 2017

Issue 77

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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

Summer is upon us and the continued topic on the minds of the majority is energy efficiency. The province is the greenest its ever been and our industry will be at the forefront of the implementation of the changes happening. With the current governments goal of having 30 per cent of Alberta's electricity needs from renewable energy by 2030, many of us are looking to capitalize on the installations that will happen.



This past week Sheri, Dorothy and I met with Rick, Jackie and Jannie from Uniglobe to finalize some of the details for the 2018 out of country convention. As the flight details came available, we had to make an adjustment and add another day at the end of the trip. The decision was made this way as the other option was shortening our stay in Cannes. This addition will affect the cost slightly and the details can be found on our web page under the link in the Hot Topics section.

I have spoken to a few people interested in committee positions and am in the process of reaching out to a few more. My goal moving forward is to maintain and expand the Association's involvement in all aspects of the electrical industry as we are the go to resource important to so many of our industry partners and members. We had our first Board meeting on Friday June 23 to get through a few pressing topics before the summer. I look forward to meeting with and welcoming more our new Board members and committee chairs this September as we go through our goals and concerns for the year ahead.

As we break for the summer I encourage you to stay in touch. I am a phone call or email away.

Looking forward to connecting with you again soon.

Sincerely,

Eric Fadden, PEC
ECAA Provincial President

Calendar of Events

PEC COURSES

[2017 PEC Registration Form](#)

MEETINGS

September 14th, 2017
Calgary Chapter

September 18th, 2017
Edmonton Chapter

September 21st, 2017
North West Chapter
Grande Prairie

September 26, 2017
Fort McMurray Chapter

September 27, 2017
Central Chapter

Did you know?

SOCIALS

September 13th, 2017
**28th Annual Bob Carson
Highlands Golf Course
Bob Carson Registration**

Football Game on the
Telus Patio
**Saturday, September 16th
Stamps vs. Lions**

Join Our List

Join Our Mailing List!

Since we are celebrating Canada's 150th birthday this month, did you know Canada takes credit for poutine, Nanaimo bars, peanut butter, instant mashed potatoes, butter tarts, Caesars, and coffee crisps (from Bridges newsletter)

Electrical Safety Program "Product in a Box"

Have you provided "**Arc Flash Awareness**" training to your Journeyman Electricians? Or have you provided "Arc Flash & Shock Training" to your Journeyman Electricians? These are two entirely different training courses.

Does the training course conform to CAN/CSA Z1001 Occupational health & safety training?

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

Industry News

ECAA Summer Hours: Monday - Thursday: 8:00 am - 4:30 pm; Friday: 8:00 am - 2:30 pm (*June 30th - September 1st*)

Edmonton Chapter Bob Carson Classic Registration

Open! Wednesday, September 13th, 2017 Highlands Golf Club. To register online visit http://www.ecaa.ab.ca/industry_events.aspx
Bob Carson Classic Registration

ECAA proud to announce launch of a solar program on behalf of Energy Efficiency Alberta. Contractors are asked to register their company at SolarAlberta@indimesolutions.ca so that the homeowner or business owner can qualify for a rebate if they hire your company to do the installation of a solar array. Further information available on the following website www.energycanada.ca/solar or by calling 1-587-287-1903

STARS Magic in the Air Gala Saturday, October 14th, 2017.

Sponsorship opportunities available; live and silent auction items requested. If you would like to contribute by donating, contact ECAA for more information.

Musical Entertainment provided by BRETT KISSEL! For more information or to purchase tickets and sponsorship visit www.stars.ca **STARS Gala Save the Date** [Sponsor Package](#)

The Construction Owners Association of Alberta (COAA) will be hosting their Annual General Meeting on October 11th. We've got a few details for you below, but stay tuned for registration details and the agenda coming soon! **Date:** Wednesday, October 11, 2017 **Time:** 8:30am - 11:30am (The meeting will commence at 9:00am) **Venue:** ConocoPhillips Canada Auditorium (3rd Floor, 401 - 9th Avenue SW, Calgary AB)

This is a final reminder for upcoming **Electrical IP Red Seal Class** starting on Edmonton on July 10th, 2017. This course is also available via Skype. You can be living anywhere in Canada. All you need is a newer computer and good internet signal to attend this class in comfort of your own home. **Following are the details:** Electrical IP Red Seal Refresher Course. **Schedule:** July 10-15th, 2017 **Timings:** First day: 10:00 AM to 4:30 PM Next 5 days: 9:00 AM to 4:30 PM **Venue:** 14920, 118 Ave Edmonton, AB T5V 1B8. Telephone: 1-888-700-7555. The cost is \$1575 including tax. **Last day of enrollment is July 7th, 2017 until 6:00 PM. Also available 2015 Canadian Electrical Code Course: Sep 16th - Oct 28th, 2017.** Contact: Program Advisor (ACE Trades and Technical Institute (ATTI)) Office: 604 304 4009 Toll Free : 1-855-471-3926 (1-855-IP1-EXAM) programs@atticanada.com www.atticanada.com

Established Electrical Contractor Company for Sale. Our client, a Central Alberta based electrical contractor, has developed a favorable reputation over its 12 years in business. It has established itself as a preferred service provider among builders, residential, commercial, agricultural property owners and public-sector entities in the region it serves. The owner of the company is looking to relocate and transition ownership of the business. This opportunity will appeal to an experienced Journeyman Electrician looking to establish him/herself in business or an existing electrical contracting business in the region looking to expand. Interested parties are asked to contact Daryn S.

Board of Directors Update

A special Board meeting was held on Friday, June 23rd which dealt with outstanding items. President Eric Fadden PEC called the meeting to order at 8:30 am. In attendance were Mr. Tim Brundage; Mr. Darrell Castor, PEC; Mr. Bob Clarke; Mr. Brent Connell, PEC; Mr. Andrew McGuire; Mr. Terry Milot; Mr. Tim Tarita; Mr. Darcy Teichroeb, PEC; Mr. Brandon Thoma, PEC; Mr. Ray Wery, PEC and Mrs. Sheri McLean (Recording Secretary).

Agenda items included Canadian trademark certification applications, Public Member appointment, enhancement of the Estimating and Finalizing the Tender PEC course, Day Light Savings time (Bill 203), and launch of Energy Efficiency Alberta solar program. Contractors are asked to register their company at SolarAlberta@indimesolutions.ca so that the homeowner or business owner can qualify for a rebate if they hire your company to do the installation of a solar array. Further information available on the following website www.energycanada.ca/solar or www.energycanada.ca/solar. STANDATA coming out shortly. Thank you received from Tom & Jackie Morin for Lifetime membership nomination and Construction Owners Association of Alberta for gold sponsorship at their recent conference. Promotional allowance cheque received from Federated Insurance. April financials, June Wood Gundy investments, as well as Training Day & Convention reconciliation reviewed. Purchase to replace out-dated mailing machine approved. Membership and PEC application approved. Chapter report from Fort McMurray. Update provided from Electrical Sub Council. Nominations Committee for 2017-2018 was not elected as the Annual General Meeting. The current Nominations Committee consisting of Mr. Keven Lefebvre, PEC, Mr. Darcy Teichroeb, PEC and Mr. Les Dzwonkiewicz, PEC remains. Committee will be asked to include Mr. Darrell Castor, PEC in their discussions.

Registration is live on the ECAA website for Convention 2018. Currently 5 couples have registered. Was agreed to place deposit on 45 rooms at the Majestic Hotel in Cannes. Meeting adjourned at 12:30 pm. Next Meeting: Tuesday, September 12th

New Members

Welcome New Members

Contractors: 1695216 Alberta Ltd. (Edmonton); 1773324 Alberta Ltd. (Sherwood Park); H&S Electrical Solutions Inc. (Edmonton); TechElite Electric Ltd. (Peace River)

Journeyperson Associate: Brian Geis

Local Chapter Activity

CALGARY: Next meeting **Thursday, September 14th**, Best Western Port O'Call Hotel. **Guest Speaker:** Lance Warner, RMA/WOW Lighting **Topic:** Connected Lighting. **Meeting Presenter:** Mike Fleming, PEC **Topic of Discussion:** Vehicle Costing.

Join the Calgary Chapter Executive and fellow members in a networking opportunity on the Telus Patio, Saturday, September 16th. Enjoy a game of football between the Stampeders and the BC Lions. Limited spots left, please email caustin@ecaa.ab.ca to reserve your seat now!! As this is a new social opportunity for our Chapter, thank you for your participation!! Go Stamps Go!! Cindy Cameron, Social Committee Chair on behalf of the Calgary Chapter Executive. [Registration Information](#)

CENTRAL: Next Meeting **Wednesday, September 27, 2017**, Black Knight Inn, Red Deer. **Guest Speaker:** Mike Fleming, PEC **Topic of Discussion:** Vehicle Costing. **Meeting Sponsor:** Eddy Brasseur, Wesco Distribution

EDMONTON: Next meeting is **Monday, September 18th**, Chateau Louis Hotel & Conference Center. **Guest Speaker:** Lance Warner, RMA/WOW Lighting **Topic:** Connected Lighting **Meeting Presenters:** Mike Fleming, PEC; Epcor, City of Edmonton and Inspections Group. **Topic of Discussion:** Vehicle Costing.

FORT McMURRAY: Next Meeting **September 26, 2017**, Best Western Suites 6:00 pm dinner and meeting to follow.

NORTH WEST: Next Meeting **September 21, 2017**, Stonebridge Hotel, Grande Prairie. **Guest Speaker:** Jaye Jonnson **Topic of Discussion:** Solar Energy. PEC course Assessing & Finalizing the Tender in conjunction with Chapter Meeting.

PEC Courses Scheduled in Grande Prairie: Apply for the Canada Alberta Job Grant to cover cost of courses. [Click Here](#) for more information and applying for Canada Alberta Job Grant.

***3 Credits towards Gold Seal for each PEC course.**

Assessing & Finalizing the Tender
Thursday, September 21st & 22nd, 2017
Stonebridge Hotel, Grande Prairie

Accounting Principles
Thursday, November 16th & 17th, 2017
Pomeroy Hotel, Grande Prairie

Business & Public Relations
February 15th & 16th, 2018
Pomeroy Hotel, Grande Prairie

Contact chryniw@ecaa.ab.ca to register.

Professional Electrical Contractor (PEC) News

Congratulations! David Serhan, PEC #332 on successfully obtaining your Professional Electrical Contractor (PEC) designation

Don't forget to enter your APD points online. **APD short form will only be available until May 24th, 2018.**

Professional Electrical Contractor (PEC) Courses

[2017 PEC Course Schedule and Registration](#)

****New PEC Course Dates Added****

Basic Electrical Estimating (Instructor Pat Barnes) Friday, September 15th & Saturday, September 16th (Calgary)

For small contractors who are not ready to make the investment in a computerized estimating system. Designed to teach new contractors the fundamentals of preparing an electrical estimate using the Elemental Format hands-on. The course will address material take-off, pricing of materials, labouring of materials using the NECA Manual of Labour Units, labour costs, special overheads, general overheads and profit/contingencies.

Assessing & Finalizing the Tender (Instructor Chris Reinert, PEC) Thursday, September 21st & Friday, September 22nd (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.

Electrical Project Management (Instructor Rob Colclough, PEC) Friday, September 22nd & Saturday, September 23rd (Calgary)

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.

Safety Principles (Instructor Clarke Gould) Thursday, September 28th & Friday, September 29th (Edmonton)

A well developed safety program can reduce costs resulting from injury and property damage, and is the hallmark of a quality electrical contracting firm.. The first day of the course shows you each step to develop and implement an effective safety program for your small to medium sized electrical contracting firm.

The next day is designed to help managers ensure construction supervisors fine-tune their safety skills by:

- clearly understanding what their safety roles and responsibilities are
- presenting and delivering effective training to workers and maintaining high worksite safety standards
- conducting effective site inspections - and developing appropriate recommendations
- investigating - the steps to follow and processes involved

Basic Electrical Estimating (Instructor Pat Barnes) Thursday, October 5th & Friday, October 6th (Edmonton)

For small contractors who are not ready to make the investment in a computerized estimating system. Designed to teach new contractors the fundamentals of preparing an electrical estimate using the Elemental Format hands-on. The course will address material take-off, pricing of materials, labouring of materials using the NECA Manual of Labour Units, labour costs, special overheads, general overheads and profit/contingencies.

Assessing & Finalizing the Tender (Instructor Chris Reinert, PEC) Thursday, October 26th & Friday, October 27th (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.

*****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 underpinning 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

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

[ACA Office Summer Hours](#)

ACA will be moving to Summer Hours for July and August. Effective July 3 ACA hours of operation will be Monday - Thursday 8:00am to 4:30 pm, (closed for lunch), Friday 8:00am to noon, closed Friday afternoons. We will resume regular office hours Tuesday, September 5th.

[Federal Government Superclusters Initiative](#)

Dear Colleagues: ACA supports the mission of Canadian Construction Innovations. CCI advocacy has led to an unprecedented opportunity to access research funds at a level to make a quantum jump in our industry better serving client needs and thriving in an increasingly challenging competitive marketplace.

In support of CCI, ACA urges members to endorse CCI's Letter of Intent, as outlined in Pierre Boucher's email in the link below. You may have value chains of preferred partners seeking to advance the use of a new material or process. Or, there may be issues that are pre-competitive in nature where you would benefit from collaborating with peer contractors. Please submit response prior to July 21.

Thank you for your consideration of joining the effort and accelerating the momentum of CCI serving our industry.
Click here for the [letter to members](#) of CCI.
Click here for [membership form](#).

[Small But Mighty](#)

The Alberta Construction Association in partnership with the Edmonton Construction Association held the second "Optimizing the Flow of Money" Workshop on June 21st. Though the group was small, it was mighty in its open and frank dialogue.

Whole team discussions were held in a "safe environment" between all stakeholders where many had never looked at it from others' eyes. The owner group does not have the contract between the sub-subs or the suppliers, and thus gained a much better appreciation of the payment process through the contractual chain.

We heard about the consultants' payment timelines and can appreciate that when money is not flowing in synch with expenses, it is hard to spend more resources to address others' payment processes. The lack of complete paperwork by the contractors was expressed as a concern by those certifying and processing payments. Hearing and getting the WHOLE picture is integral for everyone's understanding of our collective roles in finding a solution. So, what are the next steps? Each company committed to go back and look at a process in their organization to review all the steps in their process, implement a change and report back what they discovered. The processes being reviewed include: job start up communications about payment process, progressive release of holdback, standardized progress claims documentation, internal training and education of staff, and review of progress claim process. If you did not participate in Part I, there may still be an opportunity to participate by those underrepresented groups. Contact facilitator, Debbie Hicks at dshicks@shaw.ca.

[Summer Safety Considerations](#)

With the summer in full swing, and temperatures expected to dimb, it is good to remember a few tips for employees and construction owners. Heat related illness can be deadly so it is important to remember how to protect against these conditions.

- Go easier for the first week in the heat.
- Wear light clothing, and include a shirt that serves as a shield from the sun's rays.
- Drink water every 15 minutes. Don't wait until you feel thirsty.
- Plan the day to tackle tougher jobs during the cooler morning hours.
- Rest in shaded areas or air conditioning, if possible.
- Finally, watch for signs of heat illness - especially heat stroke. Symptoms of heat stroke include dry, hot skin with no sweating, mental confusion, loss of consciousness, seizures and convulsions.

Heat stroke is a medical emergency requiring a 911 call and immediate cooling.

[Click here for more summer safety ideas](#)

[OH&S Inspectors to Promote and Inspect WHMIS Compliance](#)

The federal government updated WHMIS rules in 2015. WHMIS 2015 includes new definitions, new harmonized criteria for hazard classification, and new rules for labels and safety data sheets (SDS). Employers importing hazardous products for use at their workplace and/or distribution are required to keep "specific purchasing information" for six years from the date of purchase. Employers selling hazardous products must keep "specific sales information".

From October 1, 2017 to December 31, 2017 Alberta's OHS inspectors may visit your workplace to inspect and promote compliance. One objective of this project is to build a list of suppliers in each jurisdiction. Inspectors may request a copy of your "specific purchasing information" and/or your "specific sales information," and up to five SDSs/labels for your hazardous products. Inspectors may not provide advance notice of the inspection. If you have questions contact MMichelle.Kutz@gov.ab.ca. For up-to-date WHMIS information visit whmis.org.

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 August 11th, 2017.



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Electrical Contractors
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