



ECAA

Electrical Contractors
Association of Alberta

THE SPARK

ECAA NEWSLETTER

September 2, 2016

Issue 67

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CALGARY

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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

Well it's the end of August, this summer is almost over and fall will soon be upon us.

Sheri, Tammy, Steve and I attended the ECAA Fort McMurray Chapter Wood Buffalo Apprenticeship Classic Golf Tournament on August 17th. Thanks to the efforts of Tim Brundage, Dwayne Blanchard and ECAA staff as the event was successful. More than ninety golfers attended this year's event. The proceeds will be donated to the Fort McMurray Fire Relief fund. A special thanks goes out to all of the participants.



Congratulations to the Alberta Construction Safety Association as they have passed the one million student mark. The ACSA continues to provide the support to all of us, making our work place environments safe.

The IBEW has elected a new business agent. John White has filled the seat as of August 19, 2016. Welcome!

September is when we begin our Association business in earnest.

On September 14th the Bob Carson Classic golf tournament at the Highlands Golf Club. Come one come all. To register please contact our ECAA office.

September 22nd & 23rd, 2016
Edmonton, AB

**BASIC ELECTRICAL
ESTIMATING (BEE)**

September 23rd & 24th, 2016
Calgary, AB

**ELECTRICAL PROJECT
MANAGEMENT**

September 30th &
October 1st, 2016
Calgary, AB

[2016 PEC Registration Form](#)
[2017 PEC Registration Form](#)

MEETINGS

CALGARY

September 8, 2016

EDMONTON

September 19, 2016

FORT McMURRAY

September 20, 2016

NORTH WEST

September 29, 2016
Grande Prairie, AB

SOCIALS

27th Annual Bob

Carson Classic

Golf Tournament

September 14th, 2016

Highlands Golf Club

Upcoming Trade Shows

**20th Annual Alberta
Employment & Career Fair**

September 30th &

October 1st, 2016

Edmonton Expo Center

Volunteers Needed!

Our first Provincial Board meeting of the season will occur on September 15th. This will be the first meeting of our new Provincial Board. I for one am looking forward to a productive year.

The PEC committee has met with all of the PEC instructors to finalize the classes for the coming year. Thanks to all that make these classes available. It is no small task to organize all these educational opportunities across the Province and now in Manitoba.

ECAA Chapter meetings are being scheduled across the Province. Please make the effort to attend. I will be attending a meeting in each of the Chapters at least once this year.

Thanks again to Sheri and her staff for all their hard work.

In conclusion I would like to quote Thomas Edison:

"Opportunity is missed by most people because it is dressed in overalls and looks like work."

Thank you.

Sincerely,

Darrell Castor, CME, PEC.

Provincial President

Getting to know your Executive

We thought our readers would like to know more about the volunteers who make up the ECAA Board of Directors and added this section into the Spark.

Getting to Know Your Provincial Secretary Terry Barnett:

Company: K&L Electric Inc. Lloydminster

Family Members: My wife Donna

When and how did you start in the industry: Took electrical in high school and really enjoyed the hands on!

Favourite hobbies: Golfing, Fishing and heading south for a winter break!

Favourite TV show: New!

Favourite Sports Team: No real favorite, I enjoy a good game.

Most memorable vacation: Anytime we spend in Maui.

Affiliations with other associations: Lloydminster Construction Association.

Any word of advice to new electrical apprentices: Listen, watch and work hard!

Favorite ECAA memory: They have all been amazing times at any ECAA function!! Any time you get to hang out with people like Tim, Rob and Steve your bound to have a blast!

Best part of ECAA is: The friendships and advice you get from all the amazing people!

Industry News

27th Annual Bob Carson Classic on Wednesday, September 14th, 2016 at the Highlands Golf Course. Still looking for prizes and greatly appreciate all who have donated so far. [Bob Carson Registration Form](#)

Thank you to all the participants that golfed the **Wood Buffalo Apprenticeship Classic**. What a great turnout and a lot of fun! On behalf of Fort McMurray Chapter President Tim Brundage, thank you again to all of the tournament sponsors for contributing and making this another successful event.

Please Mark Your Calendars for this year's **Construction Owners Association of Alberta (COAA) Annual General Meeting**. Wednesday, October 12, 2016; Networking: 8:30 to 9:00 am; Meeting: 9:00 to 11:30 am; Location: ConocoPhillips Canada Auditorium, 3rd Floor, 401 - 9th Avenue SW, Calgary, AB. Agenda and registration details will follow at a later date.

Electrical Safety Champion Awards deadline for submissions is September 16, 2016. For more information and to submit your nomination visit <https://www.ebmag.com/news/2nd-annual-electrical-safety-champion-awards-calls-for-nominations-18621>

PEC Electrical Project Management course is looking for a 30 min presentation on Electrical Project Scheduling or Electrical Project Risk during the September 30th Project Management course being held at the Best Western Port O'Call hotel in Calgary. Scheduled presentation time will be 11:30 am to 12:00 pm and stay for lunch. This presentation can be discussion only. If you are interested contact Mike Fleming (mike.fleming07@gmail.com)

STANDATA UPDATE: Reminder - Energy Efficiency Requirements and Enforcement Dates. Follow the link below to view a reminder of the Application of Energy Efficiency Requirements and Enforcement Dates.

Notice - Application of Energy Efficiency Requirements and Enforcement

Dates <http://www.municipalaffairs.gov.ab.ca/documents/Notice->

[ApplicationofEnergyEfficiencyReqEnforcementDates-Jul2016.pdf](#)

Congratulations to ACSA on their one millionth student and new logo! [CLICK HERE](#) to view their new logo in action

IES Golf Tournament at Elbow Springs Golf Course in Calgary. Click the following link to register for the tournament <http://www.iescalgary.org/events/ies-calgary-golf-day-2016/>

Professional Electrical Contractor (PEC) News

PEC APD (Annual Professional Development) points Reminder

ARE YOU CURRENT IN APD POINTS?

"PEC APD (Annual Professional Development) is recommended to achieve 60 points (called RECOMMENDED POINTS) over a 3 year term, achieving a suggested annual amount of 20 points. The APD term will start the first renewal payment date after approval of your PEC designation beginning January 1st ending December 31st of the 3 year term."

The first APD term was from January 1st, 2013 to December 31st, 2015. If you achieved the recommended 60 points then you have until December 31st, 2018, to get another 60 points for the current 3 year term. Thank you to the large number of PEC's who achieved and entered 60 APD points in the 2013 to 2015 term. Many said it took more discipline to enter points than to obtain the 60 points, so we appreciate your efforts. If you achieved less than 60 points in the 2013 to 2015 term then you are in arrears. February 29th, 2016, was the last date to enter points for the 2013 to 2015 term. Earlier this year The Practice Review Committee contacted those PEC's who had obtained a log in but were in arrears for 2013 to 2015. It was suggested that they attend the 2016 Technical Training Day and AGM in Edmonton OR submit a plan by June 30th, 2016, for obtaining and entering 20 APD points by December 31st, 2016.

Thank you to the 24 PEC's in arrears who attended May 2016 Technical Training Day and AGM. Please ensure that you enter your 2016 points by December 31st, 2016, to ensure your PEC remains current in APD points. Thank you to those who could not attend but submitted a plan to get their 20 points by December 31st, 2016.

If you have a log in but were in PEC APD arrears in 2013 to 2015 and have not taken advantage of either of these two options Practice Review Committee offered; you need to obtain and enter 20 APD points by December 31st, 2016.

WHY KEEP CURRENT IN APD POINTS?

When our PEC association chose to step into the "Professional" arena it meant another level of respect and recognition for the master electrician. However with this "Professional Status" we must accept the responsibilities that come with this level of recognition. The APD program developed by our PEC association is a professional industry standard used by most professional associations for establishing a due diligence level of protection for the "Professional Members" of each association. The APD

program is a major level of protection for the PEC from accusations of professional misconduct. The APD program is also one of the standards by which "Professionals" are measured and recognized by the public and fellow "Professionals". The acceptance and participation of this APD program by all PEC members demonstrates the commitment of our PEC association to the responsibilities expected by the recognition of "Professional".

Thank you Mike Fleming Practice Review committee member.

News from Alberta Construction Association

[Learn Why Training During an Economic Downturn Can Help You Grow](#) (provided by Alberta Labour)

The current economy is tough for many employers and your workers. Retaining and enhancing the skills of your current employees now is an important step to take so you're ready to hit the ground running when the economy improves. Here are some reasons why the right time to train is now:

Productivity

- New training programs can help your employees learn new and more efficient ways to do business and improved operations means lowering costs for your company.

Retaining talent

- Training programs can increase employee morale. Employees appreciate that their employer is striving for a better work environment and investing in them. It's an effective counterattack to low morale, common during a recession when employees worry most about job security. By investing in their skills, it can help them envision a long future with your company.
- Employees are motivated and engaged when they can see a career path for their continued growth and development.

Prepare for the future (when the economy recovers)

- Training helps ensure workers have the required skills to help the company grow.
- Well-trained workers are able to pass on their knowledge to new hires. This allows your staff to act as mentors and teachers to the new hires. This can help reduce the on-boarding process and reduce overall training costs.
- The Baby Boom generation is in the process of retiring and will take a vast amount of knowledge and experience with them. Training younger employees now will help you to fill this knowledge gap, and plan for the future.

How does the Government of Alberta help? The Canada-Alberta Job Grant (CAJG) is a joint funding program with the Government of Canada, where employers and government share the cost of training employees to increase their knowledge and skills. The CAJG is an employer-driven training program. This means that employers decide on who gets training

and what type of training may be needed. Employers are required to use a third-party training provider to deliver the training.

Under the CAJG, employers cover one third of direct training costs, while the government contributes two thirds, up to a maximum of \$10,000 per trainee.

[Learn more](#) about the CAJG and apply now!

[The New Project Era: Aligning Capital Costs with New Market Realities](#)

A new report by JWN, Go Productivity and COAA summarizes the challenges Alberta's construction industry is facing and identifies key contributors to the current poor performance. It also outlines solutions and steps on how to reach project delivery excellence. The complete report is available for free download.

Download now <http://www2.jwnenergy.com/thenewprojectera-download>

[Trade Definitions Video Released](#)

The ACA and the ECA along with our Alberta local construction association partners are pleased to present this video to members. This video compliments the 2016 Trade Definitions, and offers further insight into the Definitions and their usage.

ACA Chairman Paul Verhesen and a number of others were interviewed for the video which explains the benefits of Trade Definitions. We would ask our members to review both the Trade Definitions and the attached video. Our hope is that the Trade Definitions will continue to be adopted by the Industry, and we encourage our members to both view and share the video amongst their networks.

Please [click here](#) to watch to the Trade Definitions video.

Links: [Alberta Construction Trade Definitions](#)

[ACA Participates in Federal Consultation on Immigration](#)

Federal Immigration, Refugees, and Citizenship Minister John McCallum, Infrastructure Minister Amarjeet Sohi, and Edmonton MP Randy Boissonault hosted a consultation in Edmonton on August 18th on the levels of permanent residency openings for 2017, and the mix between economic immigrants, family reunification, and refugees.

ACA put forward the following points in the meeting:

- Even with a soft economy, there are challenges in employing suitably skilled and experienced Canadians for select trades, technical occupations, and supervisory positions that need to be addressed through both temporary and permanent immigration
- Immigration of skilled individuals provides a means to train Canadian workers and grow our economy
- Outside of creating a better pathway for TFWs to permanent residency, additional programs are not needed. What is needed is that current programs provide greater flexibility, and consistent interpretation by civil servants. Employers do not have the resources to continually learn changing program requirements

- Differential processing fees charged to employers require service guarantees
- For select occupations and willing partners, experiment with 2 way immigration pathways where uniquely skilled personnel can voluntarily move back and forth between the partner countries (eg. Canada and Ireland)

For more news and events visit www.albertaconstruction.net

Board of Directors Update

Next Provincial Board of Directors Meeting September 15, 2016.

Local Chapter Activity

CALGARY: Next meeting Thursday, September 8th, 2016. **Sponsor & Presenter:** Jarand Helfrich, The Cat Rental Store - Cable Pulling Done Faster & Safer ****OCTOBER 13th:** Special one hour presentation on the **New Energy Code** at 5:00 pm Chapter Meeting & Dinner to Follow.

EDMONTON: Next meeting Monday, September 19th, 2016. **Meeting Sponsor:** Canem Systems. **Guest Speaker:** Mike Gardiner. **Topic of Discussion:** Wind Generation & Safety When Working on These Units.

27th Annual Bob Carson Classic Wednesday, September 14, 2016. [Bob Carson Classic Registration](#)

FORT McMURRAY: Tuesday, September 20th New Location: Best Western Plus Sawridge Suites 410 TaigaNova Crescent 6:00 pm meeting and dinner to follow.

NORTH WEST: Thursday, September 29th at the Pomeroy Hotel, Grande Prairie. Round table discussion with Superior Safety Codes Officer and City of Grande Prairie Inspector.

LETHBRIDGE: Wednesday, October 12th at the Sandman Lethbridge Lodge. Come meet your Provincial President Darrell Castor, PEC Cocktails at 6:00 pm, dinner and meeting to follow.

NORTH EAST: Tuesday, October 18th, Spiros Steak House, Lloydminster, **Guest Speaker:** Terry Becker, ESPS **Topic of Discussion:** Safety Program.

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

Continuing Education

Registrations are being accepted for all courses scheduled in 2016 and 2017.

[2016 PEC Course Schedule and Registration](#)

[2017 PEC Course Schedule and Registration](#)

SAFETY PRINCIPLES (Instructor Clarke Gould) Thursday, September 22nd & Friday, September 23rd, 2016 (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

****Full/Waitlist: BASIC ELECTRICAL ESTIMATING (BEE) (Instructor Pat Barnes) Friday, September 23rd & Saturday, September 24th, 2016, (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.

ELECTRICAL PROJECT MANAGEMENT (Instructor Mike Fleming, PEC & Rob Colclough, PEC) Friday, September 30th & Saturday, October 1st, 2016, (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.

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

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).

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 October 7th, 2016.



ECAA

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