



ECAA

Electrical Contractors
Association of Alberta

THE SPARK

ECAA NEWSLETTER

October 7, 2016

Issue 68

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EDMONTON

November 21, 2016

December 16, 2016

January 14, 2017

February 16, 2017

March 16, 2017

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

The leaves are falling and autumn is in full swing. It is a beautiful time in our province. Thanksgiving will come soon and I believe we have a lot to be thankful for. We live in Canada after all.



The provinces and the federal government are locked in negotiations over pipelines, carbon tax and health care. Let's hope pipelines finally get a fair shake. I hope rational, logical and reasonable solutions are found. Extreme positions are good for no one.

I have reviewed the Royal Bank's forecast for Alberta's economy. They are forecasting a 2.3% growth in our GDP in 2017. Let's hope they are right! It is a step in the right direction.

Sheri, Steve and I will be attending the Lethbridge Chapter meeting on October 12, 2016 and Central Chapter meeting on October 19th. I am looking forward to meeting and listening to our Lethbridge and Central members.

Our Association is currently working on the following issues:

- Ways we can enhance our Chapter meetings (Gord Sheppard)

April 21, 2017

CALGARY

November 10th, 2016

February 9, 2017

[CE Code Registration Form](#)

PEC COURSES

ASSESSING & FINALIZING

THE TENDER

**Wait List*

October 20th & 21st, 2016

Edmonton, AB

LEGAL IMPLICATIONS

October 27th & 28th, 2016

Calgary, AB

ACCOUNTING PRINCIPLES

November 17th & 18th, 2016

Calgary, AB

BUSINESS & PUBLIC

RELATIONS

November 24th & 25th, 2016

Edmonton, AB

[2016 PEC Registration Form](#)

[2017 PEC Registration Form](#)

MEETINGS

CALGARY

October 13th, 2016

***New Energy Code
Special Presentation***

5:00 PM

EDMONTON

October 17, 2016

FORT McMURRAY

September 20, 2016

NORTH WEST

September 29, 2016

- Prompt payment legislation (Terry Milot)
- The PEC Education Committee (Larry Cantelo)
- Trademark registration
- PME Designation
- More Electrical Code seminar dates
- Journeyman Red Seal Education
- Ideas for Training Day (Example: Energy Storage)
- Our 2017 ECAA budget
- Bylaw changes (Retired Members; Provision for Termination of Directors)

Our next Provincial Board meeting will occur on October 21st. This will be the second meeting of our new Board. Everyone is getting to know each other. It's a great group.

I would like to remind everyone that our 2017 Conference, Training Day and AGM will be held in Banff at the Rimrock Resort May 25-28, 2017. It is a wonderful facility. Please take the time to join us. Sponsorship opportunities available on our website.

The PEC Education Committee are looking for Training Day ideas and suggestions. Let us know what you would like to see at our next Technical Training Day on May 26th, 2017.

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 Elbert Hubbard:
"Positive anything is better than negative nothing".

Thank you.

Sincerely,

Darrell Castor, CME, PEC.
Provincial President

Did you Know?

Today is Smile Day? :)

As an **ASSOCIATE MEMBER** you can take advantage of your membership benefits by having ECAA advertise your industry events?

Send event details our way and we will be happy to share!

Codes & Standards

We are pleased to announce that the **Canadian Electrical Installation Standards (CEIS)** are available to purchase. Order form available on the ECAA website (www.ecaa.ab.ca/forms) or contact the ECAA office if you

Grande Prairie, AB

have any questions.

SOCIALS

SAVE THE DATE

Calgary Christmas Social
December 8th, 2016

ECAA Christmas Open House
December 15th, 2016

Trade Shows

Thank you again to all the volunteers that helped at the Alberta Employment & Career Fair held in Edmonton. We appreciate you taking the time to help!

YYC Employment
Information Fair
Calgary, AB
October 26th, 2016

ENMAX Metering Standard contains revisions. The sections that have been revised are shown in Section 12. Here is the link to the new document:

<https://www.enmax.com/ForYourBusinessSite/Documents/ENMAX-Metering-Standard.pdf> Anyone with questions can contact Nelson Duerksen | Supervisor, Metering Services | ENMAX Power Corp. 403-514-2994 nduerkson@enmax.com

NEW ALBERTA FIRE CODE STANDATA The following STANDATA is now available on the Alberta Municipal Affairs website. To view or print a copy follow the link below.

Fire Code Variance

[AFC 6.1.1.5.\(3\)](#) Alternative Tags for Outdoor Portable Fire Extinguishers. To view all STANDATA for the Alberta Fire Code click [here](#).

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. <http://www.municipalaffairs.gov.ab.ca/documents/Notice-ApplicationofEnergyEfficiencyReqEnforcementDates-Sep2016.pdf>

Industry News

27th Annual Bob Carson Classic was held on September 14th

with 167 golfers participating in the tournament. Special thanks to our tournament hole sponsors **EWEL, Federated Insurance, Allstate Insurance, Pace Technologies, Trinity Power Rentals**. Thank you to all of the members and Associates who donated prizes, you help make our events a huge success! *Congratulations* to our tournament winners **Perry Bohachyk, Norm Trimble, Reid Fraser and Jeremy McKibbon** who finished with an impressive -14! Pictures coming soon on ECAA website.

Congratulations to this year's Larry Wosnock Award of Distinction recipient **Len Skoreyko with Thomas & Betts**. This award is given to an Edmonton Associate Member who has gone above and beyond in participating and being actively involved with the ECAA. Thank you Len!

Sponsorship Opportunities available for 2017 ECAA Convention & Technical Training Day (May 25th - 28th, 2017) [ECAA 55th Anniversary Convention Sponsorship Opportunities](#)

Red Seal Journey Person Exam Prep Course. ECAA has partnered with ACE Trades and Technical Institute to offer an IP/Red Seal Journey Person Challenge Exam prep course in Edmonton at the ECAA office November 14 - 19, 2016 (6-day intensive: 8:00 - 3:30 pm Mon -Fri, 8:00 am - 1:30 pm Saturday). [REGISTER HERE](#)

Master Electrician Course offered at Lakeland College in Vermilion. Course will run January 14&15, 28&29, February 11&12, 25&26, March 11&12, 25&26, April 1st exam date. To register, please call: Phone:

780 853 8407 Toll-free: 1 800 661 6490 ext 8407 or use the [online registration form](#). For more information contact: Eileen Arthur Direct: 780 853 8567

Fax: 780 853 8498 eileen.arthur@lakelandcollege.ca

Regional SCO Meetings for Building, Fire, Electrical, Plumbing, Gas & Private Sewage SCO's. Meeting have been scheduled for: Grande Prairie (Friday, October 14th, 2016); Red Deer (Wednesday, October 19th, 2016); Medicine Hat (Wednesday, October 26th, 2016). For more information click on the [Regional Meetings Fall Registration Notice](#).

ANIXTER Showcase October 25th, 2016 Edmonton Expo Center.

Come out and see how Anixter and our network of industry leading manufacturer partners can help you meet the needs of your most challenging infrastructure projects. Listen to industry experts discuss topics such as:

- IP convergence
- Data center environments
- Physical security and access control trends
- Industrial automation evolution
- Latest trends in medium voltage termination.

The Anixter Showcase will also provide you with the opportunity to network with the industry's best in class manufacturers to discuss the latest in technology and solutions. To register and for Keynote speaker agenda [CLICK HERE](#)

SAVE THE DATE. Lloyd Sadd Corporate Risk Seminar will be held on Thursday, November 3rd, 2016, from 11:00 am - 4:30 pm at the Edmonton Marriott at River Cree Resort. Official invitation to follow.

Congratulations to the new Local 424 Business Manager John White who took office on August 19th, 2016. We wish outgoing Business Manager Kevin Levy all the best and thank him for his part in the Local Union's transition to a new business manager.

Welcome Tim Arychuk as the new Chair of the Electrician Program at NAIT.

Solar Training at the Gridworks Solar Energy Training Centre developed a 5 Day Advanced Hands-on Solar PV Course For Grid-Connected Systems. This course is tailored to the Electrical Contractor and Electrician to be able to add solar PV system design and installation to their services immediately. Our training centre is located in Edmonton, AB. Contact Randall at info@gridworksenergy.com or 780 868 6952 for more information and details

Congratulations to the Wirtanen Electric Training Foundation that has an impressive success rate. With 1112 students enrolled since 2001, 1049 successfully completed giving a 94.3% completion rate.

Sent on behalf of j'Amey Holroyd, Chair. Alberta Apprenticeship and Industry Training Board. An advertisement for current and upcoming vacant positions on the Alberta Apprenticeship and Industry Training Board has now been posted. It is available on the new Government of Alberta's

Public Agencies website at: <http://www.alberta.ca/public-agency-opportunity.cfm?appt=265>. Candidates who are interested in any of these exciting opportunities and meet the qualifications outlined in the recruitment ad are strongly encouraged to follow the instructions to submit an application. As a reminder, the application process asks candidates to provide letters of reference. These letters should come from industry, employers or colleagues. **The closing date for this competition is October 24, 2016.** If you, or interested applicants, have any questions or difficulties accessing the job ad, please contact Brian Frevel, Director-Board and Intergovernmental Connections, at 780-427-5811 (or e-mail at brian.frevel@gov.ab.ca)

Construction Owners Association of Alberta Annual General Meeting - Registration is now open to attend.

An agenda will follow at a later date. This is a great opportunity to catch up on COAA initiatives, as well as to catch up with colleagues from across the industry. We encourage you to bring a colleague from your company or project team - perhaps even a "rising star" who you would like to become familiar with COAA.

Date: Wednesday, October 12, 2016 Muffins & Networking: 8:30 to 9:00 am AGM: 9:00 to 12:00 pm; Location: ConocoPhillips Canada Auditorium 3rd Floor, 401 - 9th Avenue SW, Calgary, AB. There is no charge to attend, but you do need to register online at <http://www.coaa.ab.ca>. Any questions about the registration process, please contact Thea at the COAA office at 780-420-1145 x222 or by email at thea@coaa.ab.ca.

From Skills Canada Newsletter! Welcome back for an exceptionally exciting year at Skills Canada Alberta! This year marks our 25th anniversary. 25 Provincial Skills Canada Competitions, 25 years of providing innovative, hands-on learning experiences for students interested in trade and technology careers. We are proud to have spent 25 years working closely with Alberta's most dedicated industry, education, government, and labour partners. Over the next year, we will be celebrating successes, showing our appreciation, and preparing for the future. You can follow our 25th anniversary activities, and find out how you can become a part of them on social media and [on our website! READ MORE](#)

News from Alberta Construction Association

[ACA Sends Letter of Concern Over Gypsum Decision](#)

ACA has sent a letter to the Canadian International Trade Tribunal expressing our concern around the increase of tariff to gypsum being imported from the USA.

Our concerns are as follows:

1. The cost increases may hurt our suppliers and our industry in general if they are varying dramatically across our industry.
2. If we have a shortage, this will create basic supply problems for the industry and schedule and cost overruns for current projects.
3. The cost increases would have to be passed on to the customer in succeeding contracts which may significantly impact government funded infrastructure projects.

ACA also explained that we hope that these changes will be kept from causing undo pain for our industry in a time where we are struggling to keep our businesses and employees in their jobs.

To read the letter [click here](#).

[Significant SCC Decision Increases All Risk Insurance Coverage](#)

The Supreme Court of Canada (the "SCC") issued a [decision](#) dealing with coverage under a builders' risk insurance policy that has important implications for owners, contractors and insurance companies. At issue was the interpretation of the exclusion of coverage for "the cost of making good faulty workmanship," which appears in many commercial risks policies.

Following installation of windows at a high rise commercial tower, the window cleaning company hired by the owner to remove paint from the windows scratched and damaged the surfaces by using improper tools and methods. The owner submitted a claim for the costs to replace the damaged windows. The insurance company denied coverage relying on an exclusion in the policy precluding coverage for the "costs of making good faulty workmanship". There was an exception to this exclusion that the owner relied upon. This exception provided that coverage would still be available for physical damage resulting from the faulty workmanship.

Read the full article from McLennan and Ross [here](#)

[AWES Hosting Bridge to Project Management Workshop](#)

Alberta Workforce Essential Skills (AWES) is hosting Bridge to Project Management workshop in October. They felt they had huge success during the pilot and are now offering it as a fee for service.

This course helps ESL employees gain project management skills through a focus on language, intercultural and workplace essentials skills. The course consists of four online learning modules (these can be done at home) and four full-day workshops. Students will explore project management concepts that can be applied to any job by moving through the phases of a project.

For costs, location, and course outline please [click here](#).

[Government Sends Notice Regarding Mandatory Compliance with NECB 2011](#)

The Alberta government sent the following [notice](#) as a reminder that the transition period for voluntary application of the National Energy Code for Buildings (NECB) 2011 and Section 9.36. Alberta Building Code (ABC) 2014 for housing and small buildings ends on November 1, 2016.

Where an application for a building permit for a site-constructed building is received on or after November 1, 2016, the building design must comply with the requirements of the NECB 2011 or Section 9.36. ABC 2014 as appropriate. Please see the April 2016 Interpretation STANDATA - Application of Energy Efficiency Requirements and Enforcement Dates for details on application of the NECB 2011 and Section 9.36 ABC.

Energy codes are an important component of climate change strategies in Alberta, Canada and globally.

For this reason, owners, builders and designers are encouraged to voluntarily apply energy efficiency requirements during this transition period. Alberta and other provinces and territories are committed to the expeditious adoption of future editions of the national energy codes and improved energy efficiency standards.

[Alberta Government Announces New Small Business Tax Credit](#)

A tax credit for investments in small Alberta businesses would support up to 4,400 new jobs over three years and contribute up to \$500 million to the province's GDP.

As part of the Alberta Jobs Plan, legislation to create the Alberta Investor Tax Credit (AITC) will be introduced during the fall sitting of the legislature. It will offer a 30 per cent tax credit for investments in Alberta small business made between April 14 of this year and December 31, 2019. The AITC would have a budget of \$90 million over three years and would be provided on a first-come, first-served basis.

The tax credit would be available for investments in companies that are substantially engaged in proprietary technology research, development or commercialization; interactive digital media development; video post-production; digital animation; or tourism.

The investment criteria were developed through extensive consultation with business and investment leaders across Alberta and are designed to encourage economic diversification. The registration process for the tax credit will be announced pending the passage of accompanying legislation this fall.

Read the media release in full [here](#).

[OHS Health and Safety Newsletter Released](#)

Alberta OHS monthly newsletter for October released figures on prosecutions completed 2006-2014 with associated fines and penalties. Also it discusses latest incidents of close calls and near misses which were reported and are under investigation.

As well the final article includes a discussion of side impacts and hard hats in construction.

To read the newsletter click [here](#).

[ACA Letter to the Task Force on Marijuana Legalization and Regulation](#)

On September 21st, ACA sent a letter from our Chair Paul Verhesen expressing concerns regarding the legalization of recreational use of marijuana in 2017. ACA recommended the following be in place prior to legalization:

- Legislation should be enacted to:
- Confirm that, provided appropriate scientific, medical, assessment, rehabilitation, protection of privacy, and investigative programs are in place, the employer's responsibility to ensure workplace safety trumps the rights of workplace personnel. Provided that the employer has appropriate site access, random testing, post-incident investigation policies in place, and followed appropriate procedures, protect employers from human rights complaints or litigation arising from implementing these policies and procedures.
- prohibit the possession and use of marijuana on or near

construction sites

- prohibit the possession and use on or near construction sites of any substance or device intended to tamper or effect testing of marijuana use or impairment
- Tools are available to employers to assess impairment and that until research provides clear cut thresholds or other measures of impairment, an employer's reasonable presumption of impairment prevails
- Tools are in place to determine when addiction is effectively treated, such that individuals can be reemployed at construction sites. Until research provides clear cut measures to determine effective treatment, an employer has the right to refuse reemployment

You can read the [letter here](#).

For more news and events visit www.albertaconstruction.net

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 North West Chapter President

Brandon Thoma, PEC:

Company: Nomad Electrical Contractors Ltd.

Family Members: My beautiful wife Rosalyne, my daughter Quinn (4), my sons Kolten (2) and Cort (1)

When and how did you start in the industry: I was born August 18th, 1984 early in the morning, Nomad Electric was started 1986, I was walking by then.

Favorite hobbies: Western horsemanship, my wife and I own and operate "Diamond T Quarter Horses". Mountain sledding, skiing, hunting and mechanics.

Favorite TV show: tough choice either Street Outlaws or Bonanza

Favourite Sports Team: Toronto Blue Jays

Most memorable vacation: I would have to say vacation on the Shushwap Lake house boating.

Affiliations with other Associations: American Quarter Horse

Association.

Any word of advice to new electrical apprentices: The industry today is a tough one for apprentices. I say to them, every day you come to work understand that you are one of two parts to an apprenticeship contract. Your part is to learn the trade, learn the industry and learn the expectations of your employer. Understand very clearly that our industry has changed according to the past 7 to 8 years. There is a large selection of capable skilled workers available to build an efficient and profitable crew. Employers are working on lean business practices and are relying on top performance from all members of an organization. Punctuality, dedication, work ethic, heart and what I like to call a little grit. If you come to work on time, have the dedication to your apprenticeship, work hard and efficiently, have pride and enthusiasm in completing tasks and projects and last but not least.... grit.... When the job gets tough, when your supervisor hands you a shovel, when the rain just won't quit, when the cold seems too much, when the cable pull seems like you could have ten more guys..... push through. Find the strength to keep moving forward and know in your heart and mind that you can complete this task and any other task, no matter the circumstances.

With all of that there is the 2nd part to your apprenticeship contract, the employer. It may be your boss, it may be your supervisor on a project or maybe it is your direct journeyman on a service call. Their part of the contract is to train you. Ask questions, listen attentively and work with them as a team. They are the skilled tradesman in the industry you are part of, don't be afraid to learn from them.

I was once an apprentice and have worked in all divisions of this great trade and I can tell you my successes came when I acted just as such. Always remember the Electrical Trade, in my opinion, is the greatest trade in the world and it takes incredible people to uphold that greatness.

Favorite ECAA memory: Getting My P.E.C designation #293

Best part of ECAA is: Is the people that organize together to operate the ECAA. I have met so many incredible people and have learned so much. I intend to be a key part of the Provincial Board as the Northwest Chapter President.

Board of Directors Update

A Board meeting was held on Thursday, September 15th at the ECAA Boardroom in Edmonton. Mr. Gord Sheppard began the Board meeting with his workshop on How to Create Awesome Meetings. Participating were Mr. Shani Ahmad; Mr. Terry Barnett; Mr. Tim Brundage; President Darrell Castor, PEC; Mr. Rob Coleman, PEC; Mr. Joe Davis; Mr. Eric Fadden, PEC; Mr. Dennis Horrigan; Mr. Keven Lefebvre, PEC; Mr. Terry Milot; Mr. Brian Reed; Mr. Tim Tarita; Mr. Darcy Teichroeb, PEC; Mr. Brandon Thoma, PEC; Mr. Keith Urlacher; Mr. Ray Wery, PEC and Mrs. Sheri McLean (Recording Secretary). Joining the above for the 10:15 am Board meeting were Mr. Bob Clarke; Mr. Larry Cantelo, PEC; Mrs. Jeanette DeBruin; Mr. Chris Rauschning, PEC; and Mr. Hans Tiedemann. Correspondence included a letter from Alberta Construction Association to Premier Notley. Mr. Milot reported that Alberta Infrastructure

has taken a strong lead on how they pay their contractors. This is proceeding well. A thank you letter from Mr. Lafrance who was a recipient of an ECAA Skills Competitions honorarium. Thank you letter received from code instructors for invitation to Training Day, Awards luncheon and Gala. Thank you letter received from Minister Larivee regarding ECAA extending screening services to aid in Fort McMurray fire relief efforts.

Business Arising included discussion on the amended ByLaws to include Retired membership categories. Re-filing the amended ByLaws was initially rejected as ECAA does not have provision for removal of a Director. Following discussion, ByLaw was subsequently approved with assurance that ECAA will address removal of a director through a Special Resolution at our 2017 Annual General Meeting. Request made to Past Presidents to draft this Special Resolution working under Article 7 of the ByLaws. Additional information was requested by Trademark Examiner regarding filing the 50th anniversary logo as an official mark. Retired membership application was approved and a fee approved of \$50 per year for each of the retired membership categories.

60/90 Overdue accounts were reviewed; July Pro Forma and Wood Gundy investments discussed; and 2017 Budget requests handed out to Board.

PEC Committees were approved. Mr. Bob Clarke reached out to each Chapter President to appoint a volunteer from the Associate members in their Chapter for better Provincial representation to the Associate Liaison Chair. Mr. Cantelo, PEC reported that PEC Education Committee currently looking at three courses: Blueprint Reading, Grounding & Bonding and Hazardous Locations. Interest to pursue a one week Red Seal prep course (registration available on ECAA website); and Energy Storage (maximum production/maximum demand do not align). Looking at battery banks as a possible Training Day topic.

Membership and PEC applications were approved. Chapter Presidents and Committee chairs provided updated reports. (See detailed reports in this issue of Contactor). Mr. Wayne Budge and Mr. Alex Callahan, Federated Insurance made a brief presentation to the Board on the partnership between Federated Insurance and ECAA, commitments and expectations. Members insured through Federated Insurance now have access to a Legal Assist newsletter. Mr. Fadden, PEC on behalf of the Board, expressed his appreciation with Federated Insurance's involvement and support of our Association. Canadian Fire Alarm Association Technical Seminar was mentioned. Money Mentors, an Alberta Government agency has reached out to ECAA to speak at a Chapter meeting or to individual employees on debt management and assist with getting interest rates down and debt under control. Excellent presentation made to ECAA staff. It was noted that Mr. Kurt Sorensen, ECAA Provincial Past President and Mr. Don Scott, past Electrical Inspectors Association of Alberta President both passed away. At the request of President Darrell Castor, PEC a "Did You Know" cheat sheet was put together for Board as no orientation was held this year. Meeting adjourned at 1:25 pm. Next meeting Friday, October 21st.

New Members

Welcome! **Lewis Power Systems LTD. Jeremy Lewis** (Sherwood Park);
Triad Electric Ltd. Shawn Caruk (Edmonton)

Journey Person Associates: **Christopher Clifford** (Edmonton) and **Craig Raypold** (Edmonton)

Local Chapter Activity

CALGARY: Next meeting Thursday, October 13th, 2016. **Meeting**

Sponsor: Eaton Guest Speaker:

Money Mentors; Steve Mackey, Vizwork/Jobbsite: Data Visualization Needs.

****OCTOBER 13th:** Special one hour presentation on the **New Energy Code** at 5:00 pm Chapter Meeting & Dinner to Follow. ****3 APD Points** for PEC's attending.

CENTRAL: Next meeting Wednesday, October 19th, 2016, Holiday Inn South, Gasoline Alley. **Meeting Sponsor:** Eecol Electric **Guest Speaker:** Terry Becker, ESPS; Money Mentors and Allstate Insurance **Topic of Discussion:** Safety Program

EDMONTON: Next meeting Monday, October 17th, 2016. **Meeting Sponsor:** Sunlife Financial **Guest Speaker:** Linda Mak, Money Mentors; Cathy Whyte, Sunlife Financial **Topic of Discussion:** Tax Changes You SHOULD Be Aware of, Cathy Whyte.

FORT McMURRAY: Tuesday, November 8th New Location: Best Western Plus Sawridge Suites 410 Taiga Nova Crescent 6:00 pm meeting and dinner to follow.

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. **Meeting Sponsor:** Guillevin International.

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

NORTH WEST: Meeting held on Thursday, September 29th at the Pomeroy Hotel, Grande Prairie. Round table discussion with Superior Safety Codes Officer and City of Grande Prairie Inspectors, presentations by Money Mentors and Federated Insurance on 5 ways to save on your insurance costs.

Professional Electrical Contractor (PEC) News

Congratulations on achieving your Professional Electrical Contractor (PEC) designation. **Robert Denny, PEC #312; Quinton Esch, PEC #313; Blair Elieff, PEC #314 and Sloane Starke, PEC #315**

PEC Update. The PEC Practice Review Committee continues to follow up with PEC's in arrears with Annual Professional Development (APD)

Points. We are very pleased to report that approval has been received for Retired Membership categories (one being for retired PEC's). Application form is on the ECAA website (www.ecaa.ab.ca). To ensure you can continue to be part of the PEC family, please fill out the form and become a retired PEC member. [Retired Membership Application](#)

Getting to know your PEC Course Instructors

We thought our readers would like to know more about the instructors who instruct our PEC Courses and added this section into the Spark.

Getting to Know Rob Colclough, PEC: Electrical Project Management course instructor.

Company: BQS Inc. This is my own consulting company.

Family Members: 3 Wonderful Daughters. Aliyah (15), Alexxa (12) Viktoria (09)

When and how did you start in the industry: I got started through the Registered Apprenticeship Program (RAP) in Grade 10 and I have enjoyed the whole journey.

Favorite hobbies: I enjoy coaching soccer and have been lucky enough to work with Coaches from all over the world as well as travel because of it.

Favourite Sports Team: FC Barcelona

Most memorable vacation: Taking all my girls to Mexico, so much to do, great memories and most important very good Daddy / Daughter time

Affiliations with other associations: None

Any word of advice to new electrical apprentices: Don't be stagnant in your career, even when you become a journeyman. So keep focusing on learning new techniques and working industries. Try residential, commercial, industrial, maintenance. When an employer offers up training, take it. If you don't know how something works or how to do a task....ask. There is no shame in not knowing. The smartest people I know ask a ton of questions.

Favorite ECAA memory: Speaking at the Technical Training Day in Invermere (2015). Great weekend, lots of people to meet, lots to learn and very well run.

Best part of ECAA is: Of course it's the people. A very dedicated group that enjoys sharing their knowledge. What more can you ask for.

Professional Electrical Contractor (PEC) Courses

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

[2016 PEC Course Schedule and Registration](#)

[2017 PEC Course Schedule and Registration](#)

****WAIT LIST ASSESSING & FINALIZING THE TENDER (Instructor Chris Reinert, PEC) Thursday, October 20th & Friday, October 21st, 2016 (Edmonton).** This course for the Professional Electrical Contractor 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 (Instructors from Dentons Law Firm) Thursday, October 27th & Friday, October 28th, 2016, (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 (Instructor Amar Gil, BDO) Thursday, November 17th & Friday, November 18th, 2016, (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.

BUSINESS & PUBLIC RELATIONS (Instructor Brian McCready) Thursday, November 24th & Friday, November 25th, 2016, (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

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

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

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