



ECAA
Electrical Contractors
Association of Alberta

THE SPARK

ECAA NEWSLETTER

November 3rd, 2017

Issue 81

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MEETINGS

November 9th, 2017
Calgary Chapter

November 14th, 2017
Fort McMurray Chapter

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

With close to 5" of snow on the ground here in Edmonton there has been little time to clear it away before more starts falling. Winter is upon us and 2017 is on the home stretch with better economic results than expected for our Province.



I have again had a chance this past month to get out and meet great members of our Association and contributors to the electrical industry. On October 11th, Camille and I arrived in Lethbridge with a full day to spend visiting members at their offices and getting to know our friends in the Southern part of the province. A big thanks to Lethbridge Chapter President Rob Coleman for taking the better part of the day away from work to show us around. We came away with a new insight into all that happens around the Lethbridge area and the role our membership plays in serving the community.

October 26th, Camille and I hit the road again with Amanda Smith from Allstate to attend the Lloydminster Chapter meeting and once again I found myself with a new appreciation this time for the North East part of Alberta. The level of participation and items that the local chapter members reported on gave great insight into some of the unique challenges our industry faces on a regular basis in the region.

During each of our visits to the chapters I gave my best attempt to provide an informative report on some of the issues we can all come together on. I also gave a thorough plug for Convention 2018 in France which we are pleased to report has 42 people confirmed. We have asked Uniglobe to start selling spots outside of the ECAA on October 31st due to commitments with some of the providers we chose in Europe so I am urging you to book soon if you are still throwing the idea around. The convention portion will be informative and enlightening outside of our normal surroundings and the trip itself promises to be a bucket lister, as well as a tax deduction through your business.

November 16th, 2017
North West Chapter
Grande Prairie

November 20th, 2017
Edmonton Chapter

SOCIALS

ECAA Christmas Open House

Thursday, December 7th
3:30 pm - 6:30 pm
ECAA Provincial Office
Edmonton, AB

Calgary Chapter Christmas Social

Thursday, December 14th, 2017
Cocktails 600 pm
Dinner 7:00 pm
Silent Auction
Best Western Port O'Call
Calgary, AB

CAREER FAIRS

Special thank you to Jason, Kyle, Tim and Patricia who volunteered at the recent career expo in Fort McMurray!

Join Our List

[Join Our Mailing List!](#)

On November 1st, ECAA Director-at-Large North and Legislation Chair, Terry Milot and myself teamed up and attended the Cabinet Ministers Dinner here in Edmonton held at the Sutton Place Hotel. The event was organized by the Canadian Manufacturers and Exporters with the support of Economic Development and Trade Minister Deron Bilous. The Cabinet Dinner featured speakers from C.M.E. Nova, Inter Pipeline and Tenaris who touched on recent successes in Alberta manufacturing and exploring opportunities identified in CME's Women in Manufacturing Report ([released 10/24/17](#)) to improve diversity in the manufacturing workforce and discuss how an Alberta-made manufacturing strategy could boost the sector and meet our collective economic diversification goals. The dinner was informative and provided an opportunity for positive exposure and conversation with business leaders in the Manufacturing sector as well as a chance to speak one-on-one with our elected officials.

The week of November 13th will be a busy one again as I head North to Fort McMurray and Grand Prairie in the same week (don't most people head South when the snow flies?). Our next Provincial Board meeting is on December 7th and again there will be much to discuss. We invite our members to join the Provincial Board for networking opportunities on December 7th from 3:30 - 6:30 pm at our annual Open House.

Until we can connect again,

Yours in Service

Eric Fadden, PEC
ECAA Provincial President

Did you know?

No Stone Left Alone Memorial Foundation was started here in Edmonton in 2011. Their goal is to honour every soldier who has fought for our Canadian freedoms and to ensure that their acts of bravery are recognized and never forgotten. In 2016 the foundation organized visits to 111 cemeteries across Canada where 7,046 students honored the sacrifice of our veterans by placing poppies at their headstones.

Electrical Safety Program "Product in a Box"

Did you know as an Electrical Contractor you can provide enhanced services to your client related to arc flash and shock and your Electrical Safety Program can be used to increase revenue beyond ensuring you reduce risk to your workers and have due diligence in place for OH&S Regulations? When I talk to companies that are implementing Electrical Safety Programs I ask them the status of their Single Line Diagrams, Power System Study/Arc Flash Incident Energy Analysis Studies, Electrical Equipment Maintenance and the installation of Arc Flash & Shock Equipment Labels. All four of these areas are opportunities for Electrical Contractors to generate revenue by approaching your client and offering services in these four areas. You become a true partner with you client in electrical safety. As a supporting document to engage your client you could proactively email them the document below to ask them questions related to electrical safety and then develop a strategy to offer them enhanced services. If you are interested in discussing this please give Terry Becker a call 403-465-3777.

Electrical Safety Program Contractor Client Questionnaire [ESPS Client Questionnaire](#)

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

Industry News

ECAA Provincial President Eric Fadden and Board of Directors invite you to attend our **Christmas Open House on December 7th** from 3:30 - 6:30 pm. Meet your Provincial Board and celebrate the holiday season with us. Please rsvp to ecaa@ecaa.ab.ca[Christmas Open House Invite](#)

ECAA has been offering air miles for credit card payment of membership dues and industry events through our provider, Moneris. Moneris will no longer be part of the **Air miles Reward Program** as of December 1, 2017. ECAA is currently looking at a partnership directly with air miles so we may continue offering this incentive to our members.

ECAA has partnered with MCA (Mechanical Contractors Association) and is offering the following courses: **Communications & Email Etiquette** on February 7th, 2018 8:00 am - 10:00 am. **Workplace Respect** on April 11th, 2018 from 8:00 am - 10:00 am. These courses will be held at the ECAA Provincial Office in Edmonton. Registration information to follow.

A survey will be sent out on Job Site Applications. Please take the time to fill out this short survey to assist us with new training opportunities.

Our condolences to the family of Thomas Aherne, PEC. Tom was an active member of the Calgary Chapter since 2011. Our condolences to his family and friends. on his passing.

Electrical STANDATA Update. The following Electrical STANDATA are now available on the Municipal Affairs website. Follow the links below to view or print copies.

[LEG-ECR-2 \[rev 25\]](#) Section 2 - Electrical Systems Equipment

[CEC-46](#) Section 46 - Emergency power supply, unit equipment, exit signs, and life safety systems

To view all Electrical STANDATA [click here](#).

The following **Building/Fire STANDATA** are now available on the Municipal Affairs website. Follow the links below to view or print copies.

VARIANCES

[14-BCV-010](#) Interconnected Smoke Alarms

[14-BCV-011/14-FCV-012](#) Door Release Hardware

To view all Building Code STANDATA [click here](#).

To view all Fire Code STANDATA [click here](#).

Newly published HANDI-GUIDE to Alberta's OH & S Act, Regulation and Code - 2017 Edition available for purchase. HANDI-GUIDE to Alberta's OH & S Act, Regulation and Code - 2017 Edition \$39.95.

Description: Stiff fines for workers and employers caught violating workplace safety codes is the new reality under historic changes to Alberta's Occupational Health and Safety Act legislation. Avoid on-site fines under Alberta's new OH&S Ticketing and Administrative Penalties System with the HANDI-GUIDE to Alberta's OH&S Act, Regulation and Code - 2017

Edition. This practical guide includes the current version of the act and regulation as well as the Occupational Health and Safety Code plus 5 interpretative chapters that will help you understand and interpret the law. Also includes a handy chart listing all the new oh&s ticketable contraventions. A powerful safety tool for worker training, and for increasing worker and supervisor awareness of their responsibilities under workplace safety law. Alberta's Occupational Health and Safety Code, Part 1, Section 2.1 states: " Availability of legislation 2.1 An employer must ensure that a current paper or electronic copy of each of the Occupational Health and Safety Act, the Occupational Health and Safety Regulation and the Occupational Health and Safety Code is readily available for reference by workers." Alberta Employment and Immigration, responsible for administering the OHS Act, has advised that they recognize the acceptability of the official published versions from Alberta's Queen's Printer, as well as copies as published by Carswell in the Handi-Guide.

WHAT'S NEW: *Updates to the OH & S Act, Regulation and Code.

*Changes brought about as a result of the Enhanced Protection for Farm and Ranch Workers Act. *An updated Administrative Penalty Regulation, plus a Table of Violation Tickets listing "ticketable" offences under the legislation. *Updated commentary about paid (waged) non-family farm and ranch workers under the OH & S Act; including discussion of the exemption for farm/ranch family members. *An update on the implementation of the WHMIS 2015 program under Alberta's OH&S legislation. *Updates on Enforcement and Compliance and fresh commentary on how the OHS branch uses enforcement tools such as administrative penalties and violation tickets for more than 60 types of contraventions. *A new chapter on Joint Workplace Health and Safety Committees. * Fully reviewed and updated to reflect the new 2017 Edition of the Alberta Handi-Guide, including updates to the Occupational Health and Safety Act, Regulation and Code, and page references. * Updated commentary, including notes on the implementation of WHMIS 2015 in Alberta as a result of the adoption of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS). * A revised and updated question on the use of explosives and updated contact information.

National Skilled Trades and Technology Week. November 5th-11th, 2017. National Skilled Trades and Technology Week(NSTTW) is a key date in the annual Skills/Compétences Canada (SCC) calendar. The goal of this week-long event is to promote and host awareness raising events around the many career opportunities in skilled trades and technology in Canada. During NSTTW organizations from across Canada get involved with SCC in a "hands-on" way to promote skilled trades and technology careers to youth, parents and the public.

For more information: skillscompetencescanada.com/NSTTW
#NSTTW

CONSTRUCTION OWNERS ASSOCIATION OF ALBERTA

(COAA). Nominations are now open for the 2018 COAA Awards, with this year's theme being Workforce Development. If you know of a firm or an individual who deserves such recognition by their peers, please nominate them. The deadline for nominating is at noon MST, on Thursday, December 7, 2017.

These Awards recognize companies and organizations which have provided outstanding leadership in developing, implementing and improving industry best practices, which have led to measurable advances in project, company or industry performance. The awards are presented annually at the Best Practices Conference in May to celebrate industry leaders and to provide inspiring role models for COAA Members and the industry at large.

All information, forms and relevant documents can be found at: <https://www.coaa.ab.ca/about/best-practices-awards/>

COAA Associate Members, COAA Supporting members as well as non-member companies may be nominated:

- Engineering, Procurement and Construction (EPC) firms
- Engineering, Procurement and Construction Management (EPCM) firms
- General contractors
- Sub-contractors and specialty contractors
- Labour organizations/ providers
- Other industry associations
- Extraordinary individuals within the above companies/ organizations

Any best practice, whether developed by COAA or by others, can form the basis of an award. As usual, COAA Principal Members are not eligible for these awards. The nomination process is simple and streamlined - but it does take some time, so get started now! Remember that all nominations require a signature from a Senior Executive of a COAA Principal Member. A detailed Information Booklet is available in the link above. If you have any questions or concerns about the COAA Best Practices Awards or about the nomination process, please contact Larry Staples at larry@coaa.ab.ca or by phone at 780.420.1145 x 231.

Board of Directors Update

Provincial Board Update. A Board of Directors meeting was held on Friday, October 13th, 2017 in the ECAA Boardroom. President Eric Fadden, PEC called the meeting to order at 10:40 and welcomed Mr. Scott Hutton as Open Shop chair. In attendance were Mr. Terry Barnett; Mr. Tim Brundage; Mr. Larry Cantelo, PEC; Mr. Darrell Castor, PEC; Mr. Brent Connell, PEC; Mrs. Jeanette DeBruin; Mr. Dave Hagen; Mr. Dennis Horrigan; Mr. Scott Hutton; Mr. Bob Maslanko, PEC; Mr. Andrew McGuire; Mr. Terry Milot; Mr. Brandon Thoma, PEC; Mr. Steve Warholik and Mrs. Sheri McLean, Recording Secretary.

Agenda and Minutes from September 12, 2017 were approved. Correspondence items included an invitation to the Canadian Manufacturers & Exporters 2017 Cabinet Dinner. Request received for next Builders of Alberta article for CAREERS, which will focus on the RAP program. Jeanette volunteered as Alta Pro currently hires RAP students. Presentation of code update course was discussed as well as nominations to the Apprenticeship & Industry Training Board. Alberta Cannabis Framework forwarded to Board for information only. Hoping to offer session on this at Training Day. Most companies writing in zero tolerance in hiring procedure policy. ACA is also working on this and Canadian Model will probably be rewritten as well. 2018 membership dues were discussed at Ways & Means. Contractor and Associate membership fees will remain the same for 2018. A \$50 reinstatement fee for PEC's who have not renewed within 3 years will be implemented. 2018 Draft Budget discussed at Ways & Means. Will present to Board for approval at December meeting.

Membership and PEC applications were approved. Chapter and Committee reports presented. Mr. Kim Wallin and Mr. Brad Perry joined the Board at 11:35 and a presentation was made on Federal tax changes to small business. Training Day agenda updated. Location for Training Day and the Annual General Meetings will be the MacDonald Hotel in Edmonton. Mr.

Milot attended the Alberta Energy Efficiency Association (AEEA) Annual General Meeting (Minutes circulated to Board). Acknowledgement was made of ECAA's membership. DM Stoneman asked ECAA to review three month results from our membership of the Energy Efficiency program and then have a follow-up meeting with him to discuss. Mr. Maslanko reminded Board next year is the 25th anniversary of the PEC program. PEC Marketing Committee will look at how to acknowledge the year. Next Meeting: Thursday, December 7th, ECAA Boardroom followed by our Christmas Open House from 3:30 - 6:30.

Communications Update

Getting Social

ECAA has made a big effort in recent weeks to tell its story better in social media and it's paying off.

Since Labour Day, the association has been much more active on Facebook, Twitter, LinkedIn and YouTube. Here are some numbers to show what's been happening;

- In August we had around 5,000 impressions on Twitter. In October that number jumped to over 36,000, roughly 72 times higher!
- During the same period, our profile visits on Twitter went from 139 to over 1,000 and the number of our followers jumped by a third.
- On Facebook, from October 9-15 our total weekly reach increased by 300% and the number of people engaged jumped by almost 400%
- Videos we've done of President Eric Fadden, Past President Darrell Castor and Board member Jason Burke have received around 100 views on YouTube.
- Around 1,000 people visited the ECAA website in October. Each person looked at about 3.5 pages and the most popular pages on the site related to training and finding an ECAA member.

Much more is planned in the coming months by ECAA to tell our story to members and let non-members know about the benefits of an association membership.

Many thanks to Grant Ainsley our social media expert and the office who work diligently to communicate all the many benefits of belonging to this association.

Jeanette DeBruin
Communications Chair

Education Committee Update

News & Notes from the Education Chair

- CSA is offering a sneak peek at the changes to the 2018 CEC via a one-hour webinar being offered November 22nd. To register follow the link [Significant Changes Webinar CEC 2018](#)
- The Electrical Inspectors Association of Alberta is holding their annual technical conference February 2nd & 3rd at the Chateau Louis Hotel & Conference Center in Edmonton. The conference features two presentations on the 2018 CEC. Rene Leduc will provide an overview of the Section 10 re-write and Steve Douglas will give a presentation on the major changes to the CEC. The conference is open to the public. Registration information is

available on the EIAA website (<https://www.eiaa.ca>) or contact Ken Forbes ken.forbes@letbridge.ca

- If you were not aware of them we are very lucky to have two excellent electrical publications in Canada, namely Electrical Business (<https://www.ebmag.com>) and Electrical Line (www.electricalline.com). Both publications are Canadian in origin, meaning articles such as ones about the electrical code are based on the CEC. The October issue of the Electrical Business has an interesting article on Class 2 power and datacom circuits which deals with, among other things, Power Over Ethernet (POE). POE has new requirements in the 2018 CEC. The September/October issue of the Electrical Line contains an article by Ted Simmons discussing Section 2 of the CEC. Both publications are free to those in the electrical industry.
- As time goes by we are seeing building systems become more and more complex and the various code requirements for these systems become more and more complex and the various code requirements for these systems often falls under the jurisdiction of multiple SCO's. As an example, many of the requirements of the new energy code, although electrical in nature, are enforced by the building SCO who has little or no electrical training. This is a good example of an area where joint information sessions for building and electrical SCO's seems like a logical solution to a growing problem.

New Members

Welcome New Members

Contractors: 1518708 AB Ltd. (Ardrossan); Wave Control Systems Ltd. (Ardrossan)

Associate: A.M. Agencies (Edmonton); A.M. Agencies (Calgary); Federal Metals Inc. (Calgary); Sparky Hire Canada (Medicine Hat); Aon Risk Solutions (Calgary); Aon Risk Solutions (Edmonton)

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, November 9th** Best Western Port O'Call Hotel.

Pre-Meeting Presentation 5:00 pm: Drazen Jerkovic

Topic: Connected Lighting - The Internet of Things

Chapter Meeting & Dinner 6:00 pm. Meeting Presenters: Adam Ecarnot, FBC Canada **Topic of Discussion:** Tax Changes to Small Business

Meeting Sponsor: FBC Canada

*Join President Andrew McGuire and the Calgary Chapter Executive for our **Annual Christmas Social** on Thursday, December 14, 2017 at the Best Western Port O'Call. Cocktails 6:00 pm; Traditional Christmas dinner to follow; Donations for the Food Bank welcomed.*

Let's beat our 2016 donation of 500 lbs of food and \$5192.00!

Silent Auction items needed! To donate: contact Cindy

Cameron:cindy.cameron@sonepar.ca or Ph. 403.287.5761 / 403.615.0025
or contact the ECAA office: reception@ecaa.ab.ca 1.800.252.9375

[CLICK HERE TO PURCHASE TICKETS](#)

[Silent Auction Request](#)

[Food Bank Donation Wish List](#)

EDMONTON: Next meeting is **Monday, November 20th**, Chateau Louis Hotel & Conference Center.

Pre-Meeting Presentation 5:00 pm: Drazen Jerkovic, Eaton

Topic: Connected Lighting - The Internet of Things

Chapter Meeting & Dinner 6:00 pm. Guest Speakers: Jeremy Stark & Tim Renaud, Total Integration **Topic:** Construction Site Fire Prevention & Solutions **Meeting Sponsor:** Total Integration

*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. Tickets will be available to purchase shortly.*

FORT McMURRAY: Dual Credit Electrical High School Industry Open House - Father Patrick Mercardi School Tuesday November 14th 1-4pm. Next Meeting **November 14, 2017** Best Western Suites 6:00 pm dinner and meeting to follow.

Guest Speaker: Drazen Jerkovic, EATON Topic: Connected Lighting the Internet of Things (IOT)

Meeting Sponsor: Prolux. ***Come out and meet your Provincial President Eric Fadden, PEC**

Special Thank you to the volunteers that helped at the Career Expo on October 19th! Patricia, Tim, Jason and Kyle from Keyano College. Thank You!

NORTH WEST: Next Meeting **November 16, 2017, Pomeroy Hotel, Grande Prairie 5:30 pm.**

Guest Speaker: Drazen Jerkovic, EATON

Topic: Connected Lighting the Internet of Things (IOT).

Guest Speaker: Presentation on Tax Changes to Small Business, BDO Canada

Guest Speaker: Amanda Smith, Allstate Insurance **Topic:** Insurance Benefits

Meeting Sponsor: Prolux

***Come out and meet your Provincial President Eric Fadden, PEC**

***PEC Course Accounting Principles (16th & 17th)** All course participants are encouraged to stay for the meeting.

Chapter Meeting attendance qualifies for APD Points! [Refer for APD Requirements](#) for more info.

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. *Minimum numbers required to run each course.**

Accounting Principles

Thursday, November 16th & 17th, 2017

Pomeroy Hotel, Grande Prairie

Assessing & Finalizing the Tender

Thursday, January 25th & 26th, 2018

Pomeroy Hotel, Grande Prairie

Business & Public Relations

February 15th & 16th, 2018

Pomeroy Hotel, Grande Prairie

Safety Principles

April 19th & 20th, 2018

Pomeroy Hotel, Grande Prairie

[PEC Course Registration Form](#)

Contact chryniw@ecaa.ab.ca to register.

Professional Electrical Contractor (PEC) News

Congratulations Rod Puhajl, PEC #335 and Raymond Schultz, PEC#336, Craig Moore, PEC #337, Shani Ahmad, PEC #338

APD Update

PEC' s # 265 to #287 (received your PEC in 2014) need to have earned 60 APD (Annual Professional Development points) by December 31st, 2017 and have until January 31st, 2018 to enter points earned 2015 to 2017. Any questions on APD points please contact Christine at ECAA office chryniw@ecaa.ab.ca

Thank you, Practice Review Chair

ECAA Courses

The Demise of Blueprint Reading as a Skill

I don't need to tell you we live in an ever-changing world. We all know that. One change that has happened over time is the lack of emphasis on blueprint reading as a basic skill of the electrician trade. There are probably two main reasons for this. First, on most large industrial projects, the average electrician has very little exposure to the blueprints. Second, there is very little emphasis on blueprint reading in the Alberta electrical apprenticeship program. These two added together means many electricians, even experienced journeymen, have very little exposure to blueprints. Years ago, in the electrical apprenticeship blueprint reading was a stand-alone course. Today this is no longer the case.

In an ECAA survey that was completed last year, blueprint reading was identified as a course that would be in demand if it were available. Based on the survey results we have created a blueprint reading course to fulfil the needs of electricians and apprentices, both ECAA members and non-members. The twelve-hour course is being offered over four evenings in November at the ECAA office. Registration is available on line or by contacting the ECAA office.

Larry Cantelo PEC, SCO, BA Adult Ed.
PEC Education Standing Committee Chair

****MINIMUM NUMBERS REQUIRED TO RUN THIS COURSE****

BLUE PRINT READING

Tuesdays, November 21st, 28th & Thursday, November 23rd & 30th
6:00 PM - 9:00 PM *12 APD points for PEC's

[BLUE PRINT READING REGISTRATION FORM](#)

Professional Electrical Contractor (PEC) Courses

[2017/18 PEC Course Schedule and Registration](#)

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

Accounting Principles (BDO Financial) Thursday, November 16th & Friday, November 17th (Grande Prairie) 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.

****Did you know that you don't have to be an electrician to take this course? Bring along your bookkeeper or accounts person.**

****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

****NEWLY UPDATED** 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

Canada Green Building Council Launches GPRO Training

The Canada Green Building Council (CGBC) would like to inform members about an upcoming course that they have designed for trades people working on construction projects that require high-efficiency mechanical systems.

On November 20-21st, CGBC are hosting their first [Green Professional Building Skills Training](#) (GPRO) for the trades with the University of Calgary. This course is being offered at an introductory rate of only \$199.00 for 2017, and has room for approximately 10 additional registrants.

Also, they are offering members a discount to their education and training in exchange for any marketing support your organizations might be able to contribute for these courses. Should you have any questions contact Lisa Maria Fox, Regional Director at lfox@cagbc.org.

To read the information posters click [here](#) and [here](#).

Alberta Immigrant Nominee Program Changes

The Alberta government is making changes to the Alberta Immigrant Nominee Program (AINP) ahead of changes by the federal government around temporary foreign workers.

Key changes

- Effective Jan. 2, 2018, the AINP will consolidate the Employer-Driven and Strategic Recruitment Streams and 11 sub-categories under one new Alberta Opportunity Stream.
- The Alberta Opportunity Stream will have one single set of eligibility criteria, ensuring a simpler application process and shorter processing times.
- Beginning in 2018, the AINP will have the ability to place yearly caps on the number of applications accepted and nominations issued for certain sectors and occupations, ensuring equitable

distribution of workers and fairness across all sectors and industries in Alberta.

- Alberta will add an Express Entry Stream allowing the AINP to select candidates from the federal Express Entry pool. This will be operational in January 2018.

The AINP is authorized by Immigration, Refugees and Citizenship Canada (IRCC) to issue a maximum of 5,500 nomination certificates for the 2017 calendar year. This number is determined by IRCC and remains unchanged from previous years. Prospective nominees must have a confirmed work permit linked to a Labour Market Impact Assessment (LMIA) or have an AINP-eligible LMIA exemption and a valid job offer with an Alberta employer.

The application form for the Alberta Opportunity Stream will be available on the AINP website starting Jan. 2, 2018. New applications will not be accepted under the former streams after Jan. 1, 2018. Applications received under Employer-Driven and Strategic Recruitment Streams will be processed according to criteria in place at the time the applications were received.

For further information about the program [click here](#).

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 December 8th, 2017.



ECAA

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