



ECAA

Electrical Contractors
Association of Alberta

THE SPARK

ECAA NEWSLETTER

August 11th, 2017

Issue 78

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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

The summer months have been somewhat quiet however the topics for discussion at our next board meeting have been accumulating. Last month I made reference to the current governments goal of having 30 per cent of Alberta's electricity needs from renewable energy by 2030 and that our industry will have a major role in the implementation of much of these initiatives. Electricity Human Resources Canada has recently contacted us and asked us to participate in a labour market study, specific to the Alberta electricity workforce. We will be working with the Alberta government over the coming year to review labour market issues from both a demand and supply perspective to assess the impact of the rapid changes to the sector in Alberta. The intent of this study is that we will be providing current information and long term estimates/assessment of labour demand and supply specifically for the electricity sector and provincial government as they look to advance policy within the larger context of a national energy strategy. Another part of the study is to identify training requirements required due to the advancement of technology within the industry. I will be attending these meetings; and as "The Voice of the Electrical Industry in Alberta", we have a responsibility to provide expert input that will in turn help shape policies in the province.



Sheri and I have just reviewed the schedule of upcoming chapter meetings throughout the province and I have made some plans for getting out to meeting with as much of the membership as possible before the end of the year. Given some of the changes our industry is going through, I hope to

MEETINGS

September 14th, 2017

Calgary Chapter

September 18th, 2017

Edmonton Chapter

September 21st, 2017

North West Chapter

Grande Prairie

September 26, 2017

Fort McMurray Chapter

September 27, 2017

Central Chapter

Red Deer

SOCIALS

September 13th, 2017

28th Annual Bob Carson

Highlands Golf Course

[Bob Carson Registration](#)

Football Game on the

Telus Patio

Saturday, September 16th

Stamps vs. Lions

Join Our List

[Join Our Mailing List!](#)

talk with as many of our contractors and associates as possible. The insight you provide is invaluable and determines the direction of the Association.

This year we are putting a deadline on the registration for the 2018 Convention in France for October 31st. The trip promises to be exciting and we are hoping for some meaningful interaction with some of the electrical associations in France when we are there. Details can be found on our web page under the link in the Hot Topics section. Please let the office know prior to October 31st if you would like to join us.

Our first Board meeting after the summer break is fast approaching on September 12th in conjunction with the Bob Carson Classic Golf Tournament on September 13th.

Enjoy the rest of your summer and I encourage you to stay in touch. I am a phone call or email away.

Looking forward to connecting with you again soon.

Sincerely,

Eric Fadden, PEC

ECAA Provincial President

Did you know?

Did you know the Electrical Contractors Association of Alberta is celebrating its 55th anniversary this year? A 55th Anniversary Commemorative magazine will be mailed out shortly. The ECAA Board of Directors would like to thank our members for your ongoing support in helping this Association grow and succeed to become what it is today. Thank you to those who placed ads in the magazine; to Sales Manager Dayna Oulion; to Del Communications for publishing and circulating the magazine. Special thanks go to out to Shayna Wiwierski, Editorial Director & Associate publisher and her team for all their input into the articles and content.

ECAA Feature Benefit

We know that a loonie can't buy you much these days, but that's about to change. For only \$1/year, ECAA members can get a bundle of unique insurance coverages and value-added services designed to complement your Federated Insurance policy.

One loonie. Countless coverage options.

- Identity Theft Coverage
- Computer Theft & Funds Transfer
- Employee Fidelity
- Emergency Evacuations
- Debris Removal
- Sewer Backup
- Hole-in-One Insurance

- Legal Assist Services
- ...and more!

With Federated Insurance, your loonie goes further. Visit ONELOONIE.CA/ECAA today to learn more about the \$1 bundle to complement your Federated Insurance policy.

Federated Insurance Company of Canada is the insurer of Federated Insurance policies. Terms, conditions, and exclusions apply.

Electrical Safety Program "Product in a Box"

2018 Electrical Safety Change Management! The CSA Z462 Workplace Electrical Safety Standard will publish its 4th Edition in January 2018. Have you updated your electrical safe work practices and trained your Qualified Electrical Workers to the 2015, 3rd Edition? Significant changes occurred in the 2015 Edition, requiring an Electrical Safety Program to be developed and implemented and a documented Risk Assessment Procedure is mandatory for all energized electrical work tasks. If you have purchased arc flash and shock PPE for your Qualified Electrical Workers, your best due diligence as an Owner of an electrical contracting company is to ensure that the arc flash and shock PPE is worn based on the requirements of a documented Electrical Safety Program that includes the requirement for the Qualified Electrical Worker in the field to document a specific work task's Arc Flash Risk Assessment and Shock Risk Assessment. Have you changed how you execute energized electrical work tasks? Are you aware of the changes coming in the 2018, 4th Edition of CSA Z462?

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

Industry News

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

Bob Carson Classic Registration. HOLE SPONSORSHIP available. If you would like an opportunity to sponsor a hole at this tournament please contact the office.

Looking for a venue for your staff Christmas party? Purchase a table at the **STARS Magic in the Air Gala** Saturday, October 14th, 2017. Musical Entertainment provided by **BRETT KISSEL!** For more information or to purchase tickets and sponsorship visit www.stars.ca **STARS Gala Save the Date Sponsor Package**

First Level Supervisor Training course has been updated and revamped! Newly updated version includes the name and re-purposed content from the current version with new audio narration and industry expert videos, new interactive learning activities and improved assessment results reporting. This course is accredited for Gold Seal (5 credits). Contact chryniw@ecaa.ab.ca for information on enrolling.

Congratulations to Jesse Row, who will be stepping down as the Executive Director of the Alberta Energy Efficiency Alliance to move over to Energy Efficiency Alberta as their VP of Corporate Performance. We wish

him all the best in this new endeavour. Interested candidates for Jesse's position are encouraged to provide a cover letter and resume (as one file) to contact@aeaa.ca by August 23, 2017. [AEAA Executive Director Job Posting](#)

2017 Barrier-Free Design Guide Now Available. Codes for barrier-free design requirements exist to allow proper and safe access and use of buildings, facilities, and open areas. The purpose of the 2017 Barrier-Free Design Guide is to explain the intent and objectives of each code, as well as to recommend best practices where accessibility and safety are concerns to seniors and persons with disabilities. Section 3.8 of the Alberta Building Code (ABC) 2014 sets forth the technical requirements for barrier-free design. Find more information, as well as the order form for the guide, visit the following [website](#).

Immediate Need for Members on Codes Committees. There is an immediate need for volunteers to serve on either the Canadian Commission on Building and Fire Codes (CCBFC), a senior committee responsible for the development of Codes Canada publications, or on one of the CCBFC's nine technical standing committees to replace membership vacancies for the current (2015-2020) code cycle. Any applications received would also be considered for the next five-year code cycle (2020-2025).

In order to have balanced representation on the committees, a pool of candidates is needed to represent all regions of Canada and all sectors of the construction industry that use, or benefit from, the national codes and provincial codes based on these models. Although there is no remuneration, NRC does reimburse expenses incurred in attending meetings.

The CCBFC is an independent committee of volunteers established by NRC to develop and maintain the National Construction Codes. These Codes, which comprise the National Building, Fire, Plumbing and Energy Codes of Canada, serve as the basis for related provincial/territorial regulations.

In consultation with the provinces and territories, the Commission is also responsible for setting code development policy direction and overseeing the development process to ensure it is open, transparent and consensus-based. The CCBFC oversees the work of nine standing committees, whose members apply their experience in various technical areas of the Codes to develop and improve their content, thereby helping to protect the health and safety of Canadians.

CCBFC members are senior-level individual who are expected to be broadly knowledgeable on Code-related matters and policy considerations, and able to exercise objective judgments.

Standing committee members are expected to be knowledgeable and experienced on matters considered by the committee and must demonstrate the capacity to make independent decisions.

All members are selected for their individual knowledge and experience with the Codes - not as delegates from a particular organization or interest group. **Information about the CCBFC's work, and that of its standing committees, is available on the Codes Canada section of the NRC website at [Volunteer for Code Commission membership](#).** If you are interested in becoming a CCBFC or standing committee member and participating in important National Code development work, please submit your expression of interest using the online form on the Canadian Codes

Centre section of the NRC website. Please indicate on which committee(s) you are interested in serving, provide a 120-word summary of your relevant experience and attach/append your resume.

For further information, please contact Anne Gribbon, Secretary to the CCBFC, at anne.gribbon@nrc-cnrc.gc.ca.

New training facility supports safe rebuilding efforts in Fort McMurray. The Alberta Construction Safety Association (ACSA) celebrated the opening of a brand new training facility in Fort McMurray on July 21st.

The Alberta Chamber of Resources is pleased to invite you to our upcoming Fall Environmental Forum, Water & Land Use Planning, being held in Calgary on September 27, 2017 from 8:30 until noon. We've got an incredible line-up of speakers covering topics ranging from an overview on Alberta's water issues to implementing water-use policy, to a discussion on governmental policy issues. We have five incredible speakers you won't want to miss.

- Kim Sturgess, Alberta WaterSMART
- Tristan Goodman, Alberta Energy Regulator
- Ronda Goulden, Alberta Environment and Parks
- Kristen Andersen, Associated Environmental Consultants Inc.
- Jennifer Keturakis, Integrated Sustainability Consultants Ltd.

Registration for the Environmental Forum is open! Be sure you secure your spot and register soon - it will fill up quickly! Here are some important details you'll want to know:

Date: September 27, 2017

Time: Networking and breakfast at 7:45am, with program commencing at 8:30am. Location: ConocoPhillips Auditorium, Calgary AB
Cost: \$65.00 (+gst) per person

Please stay tuned for more updates! Don't wait - register now! Visit [ACR Environmental Forum](#) to reserve your seat. **Registration closes on September 21, 2017** or earlier if room capacity is reached. This event is open to ACR members and friends - please feel free to share this invitation throughout your organization. If you have any questions or concerns, you can contact us at 780.420.1030. Sponsorship Opportunities Available. We are excited to offer new sponsorship opportunities for the Fall Environmental Forum. As the first year going forward with this, each sponsorship will be provided on a first-come, first-serve basis. Please contact Amanda at amanda@acr-alberta.com or by phone at 780.420.1010 x 226, to inquire and pending availability, the form will then be sent for completion. The following sponsorships are available in detail on our website: Event Sponsor (\$1500 each) - 2 available or Breakfast Sponsor (\$1000) - 1 available.

EDMONTON, Alberta, Canada; August 2, 2017 - Drexan Energy Systems Inc. (Drexan) and Electrical Wholesalers Edmonton, Ltd. (EWEL) are pleased and proud to announce the appointment of EWEL as the exclusive, authorized, stocking Master Distributor for all Drexan products throughout

the Provinces of British Columbia, Alberta, and Saskatchewan. The combination of Drexan's unique, high-quality, innovative products and EWEL's reputation for customer-care and solid service as well as technical and market expertise is a powerful addition in addressing the demands of Western Canada's industrial and commercial construction industries.

The partnership solidifies and strengthens the customer-focused businesses of both Drexan and EWEL. Drexan's longstanding reputation and expertise have made them a worldwide leader in the heating cable market. "We're pumped to have EWEL on board as our Western Canadian Master Distributor", says Steve Makar, Vice-President of Drexan. "EWEL's level of service and responsiveness matches what our customers expect from our products." With innovative products like PipeGuard CMH, a direct replacement for series MI cable, Drexan is on the leading edge of heating cable technology. EWEL principal and COO Terry Black is enthusiastic about the partnership. "We're all in with Drexan. We've got the product chops, the selection, and the resources to make this work for everyone - especially our customers. From cable to controls to support, we're in."

ABOUT DREXAN

[Drexan Energy Systems, Inc.](#) is a world-class manufacturer of self-regulating or constant wattage heating cables for freeze protection and process temperature maintenance in ordinary and hazardous areas. With research and development facilities in Vancouver, British Columbia, Canada advanced manufacturing in Kelowna, British Columbia, and sales offices and affiliates throughout the world. Drexan Energy Systems, Inc. leads the way in providing the latest innovations in trace heating.

ABOUT EWEL

[Electrical Wholesalers Edmonton Ltd \(EWEL\)](#) is a Western Canadian-owned and operated electrical wholesaler serving residential, commercial, institutional, and industrial sectors. From house wire and LED light bulbs to high-voltage switchgear and multi million-dollar job packages, EWEL excels in all ranges of electrical equipment supply. Founded in 1975, EWEL grew from a small warehouse with one telephone to a multi-branch operation serving the electrical equipment needs of Alberta and beyond.

Board of Directors Update

Next Meeting is scheduled for Tuesday, September 12th.

Communications Update

A message from Communications,

Summer is a great time to take a break, get recharged and enjoy the great parks and activities all around our Province and Country, especially as we Celebrate Canada's 150th Birthday!

I encourage our membership to take full advantage of the training courses being planned for the fall 2017 and winter 2018. By additional training you become more knowledgeable in your work, and this is a benefit to you and your company. Training gives you so much more than just the certificate. It is a pivoting angle for you, and I encourage you to check out the website for courses available www.ecaa.ab.ca

Employers will retain their employees by providing training and continuing to invest in them. HR statistics will confirm that developing and investing in your team will develop a better work life culture. If you are a journey person and wanting to continue to grow in your career, check out the many PEC courses that are also available for you! For employers The Alberta Canada Job Grant is an excellent way to find the dollars to provide this and it is easy to do. There are step by step instructions to complete the application which can be found www.albertacanada.com/jobgrant

"Leadership and learning are indispensable to each other." --John F. Kennedy

Enjoy the rest of summer,

Jeanette DeBruin

Labour Update

This information and update pertains to union contractors signatory with IBEW Local Union 424.

The IBEW Code of Excellence (COE) John White Local 424 Business Manager commented at our recent Joint Conference Committee meeting June 12th:

"The Code of Excellence program is specialized for the different IBEW branches, but holds core values that unite all of the Brotherhood's 725,000 members. Those core values are represented with the acronym SPARQ [Safety, Professionalism, Accountability, Relationships, Quality] . We wish to implement the Code of Excellence on all jobs and in all shops. To start we will provide COE information sessions for contractor representatives on **September 20th and October 12th, 10:00 a.m. to 03:00 p.m.**"

John further commented:

"Many of the members of 424 have taken the COE Information Sessions and when a project or shop adopts the COE we will provide training sessions so our members are able to provide quality work in a safe and professional environment from day one. It's part of Code of Excellence Core Training Program. The program is designed to ensure that all IBEW members can articulate and demonstrate the values of the Code. "

Please consider attending one of the information sessions on September 20th or October 12th, 10:00 a.m. to 03:00 p.m. Lunch will be provided. Also at the Joint Conference Committee meeting June 12th the Union informed us of their initiative to lower turnover of the workforce. The union has begun to deny dispatches to members for a seven calendar day period when they quit their job. Union Contractors can email the union at terminations@ibew424.net to inform the Dispatcher of all employment terminations. Contractors thanked John White for being proactive with this initiative. It will effectively lower turnover and reduce cost.

New Members

Welcome New Members

Contractors: Promax Electric (Lethbridge); Moore Power (Edmonton)

Local Chapter Activity

Pre-Meeting Presentations have been scheduled for Calgary and Edmonton and will occur 1 hour prior to each 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, September 14th**, Best Western Port O'Call Hotel. **Pre-Meeting Presentation:** Lance Warner, RMA/WOW Lighting **Topic:** Connected Lighting. **Meeting Presenter:** Mike Fleming, PEC **Topic of Discussion:** Vehicle Costing.

Only 9 Tickets Left!! Join the Calgary Chapter Executive and fellow members in a networking opportunity on the Telus Patio, Saturday, September 16th. Enjoy a game of football between the Stampeders and the BC Lions. Limited spots left, please email caustin@ecaa.ab.ca to reserve your seat now!! As this is a new social opportunity for our Chapter, thank you for your participation!! Go Stamps Go!! Cindy Cameron, Social Committee Chair on behalf of the Calgary Chapter Executive. [Registration Information](#)

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

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

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

LETHBRIDGE: Next meeting date **October 11th**. As President Rob Coleman, PEC will be stepping down as President of the Chapter, elections will be held. One nomination has been received for President. Any member interested in the position of Vice President, Treasurer or Secretary is asked to please contact Rob directly or Sheri at the ECAA provincial office.

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

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

****3 Credits towards Gold Seal for each PEC course. *Minimum numbers required to run each course.***

Assessing & Finalizing the Tender

Thursday, September 21st & 22nd, 2017
Stonebridge Hotel, Grande Prairie

Accounting Principles

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

Business & Public Relations

February 15th & 16th, 2018
Pomeroy Hotel, Grande Prairie

Contact chryniw@ecaa.ab.ca to register.

Professional Electrical Contractor (PEC) News

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

Professional Electrical Contractor (PEC) Courses

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

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

**Assessing & Finalizing the Tender (Instructor Chris Reinert, PEC)
Thursday, September 21st & Friday, September 22nd (Grande Prairie) ***Minimum Numbers Apply*****

This course for the Professional Electrical Contractor courses covers organizing the estimate, finalizing the tender, and computer aid in estimating and finalizing the tender. Since the course is aimed at Professional Electrical Contractors, very little time is spent on basic take-offs. The course addresses calculations of various overheads, mark-up theories, labor factors, evaluating risk factors, and the like, all concerns that the active business manager meets up with every day. These three parts of this course are designed to create an awareness in the Professional Electrical Contractor of the various business principles involved in preparing his or her tenders.

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

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

project profitability.

Objectives PEC Electrical PM:

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

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

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

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

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

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

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

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

This course for the Professional Electrical Contractor courses covers organizing the estimate, finalizing the tender, and computer aid in estimating and finalizing the tender. Since the course is aimed at Professional Electrical Contractors, very little time is spent on basic take-offs. The course addresses calculations of various overheads, mark-up theories, labor factors, evaluating risk factors, and the like, all concerns that the active business manager meets up with every day. These three parts of this course are designed to create an awareness in the Professional Electrical Contractor of the various business principles involved in preparing his or her tenders.

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

Online Training

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

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

Start your training today on www.ecaatraining.com

ONLINE TRAINING

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

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

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

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

Electrical Worker Training Modules:

1. Introduction
2. Regulations, Consensus-based Standards and Best Practices
3. Understanding Electricity in the Workplace
4. Electrical Hazards: Understanding the Potential for Harm
5. Risk Assessment Procedure
6. Establishing an Electrically Safe Work Condition
7. Engineering and Administrative Controls
8. Electrical Specific PPE, Tools and Equipment
9. Emergency Response, Incident Reporting and Program Maintenance
10. Final Assessment & Work Task Scenarios

Learning Objectives for Qualified Electrical Workers:

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

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

To purchase this training course visit www.eaatraining.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.eaatraining.com (Ethics course).

ACA Update

From Alberta Construction Association. [Invitation to Join Alberta Delegation](#) The Government of Alberta, in collaboration with the Canadian Green Building Council, is supporting a mission to bring a delegation of 10 Alberta companies to exhibit at Greenbuild International Conference & Expo in Boston, November 8-10 2017. What you need to know about the Alberta Pavilion

- Exhibitor costs are offset through the Alberta Export Expansion Package (AEEP).
- Subject to eligibility criteria, Alberta companies participating in this program may be eligible to further offset up to 50 per cent of associated travel costs through the AEEP.
- 2 complimentary Alberta Chapter - CaGBC memberships (up to \$200 value) to each organization.
- Company profile in the Alberta 2017 Greenbuild Company Directory, a listing of firms and organizations involved in the Alberta mission to Greenbuild. Your one page profile will also be used in a follow-up mission to the International Builders Show Orlando in January, 2018.
- Market Intelligence Seminar, company pitch sessions and B2B programming organized by the Consulate General of Canada in Boston.

For further information [click here](#).

[Federal Regulations respecting formaldehyde in composite wood products](#)

The Government of Canada wishes to inform you of an upcoming multi-stakeholder workshop regarding proposed regulations on formaldehyde emissions from composite wood products. More information on this initiative can be found on the [Formaldehyde](#) webpage accessible on the Government of Canada website <https://www.canada.ca/en/health-canada/services/chemical-substances.html>.

Interested parties who wish to participate in this initiative may include stakeholders in the composite wood sector such as producers, importers, and companies who distribute/sell composite wood products. This may include hardwood plywood, medium-density fibreboard, particleboard, and laminated products as well as finished goods made from these composite wood products. Other interested stakeholders may include non-governmental organizations; Indigenous peoples; labour organizations; provincial and territorial governments.

On July 31, 2017, the Government of Canada published a consultation document to inform stakeholders and solicit comments on the proposed regulatory approach. The consultation document can be found at <http://www.ec.gc.ca/lcpe-cepa/default.asp?lang=En&n=00B2F79C-1>. Comments on this consultation document are welcome until September 1, 2017 [30 days after its date of publication]. Information on how to submit comments relating to this consultation document is provided below.

The multi-stakeholder workshop is the next step in the consultation process which was launched after publication of the Notice of Intent on March 18, 2017 in the [Canada Gazette, Part I](#). This is further to the initial webinars which were held on April 5 and April 19, 2017. The workshop will provide interested parties with an overview of the initiative and will solicit input to inform the development of the proposed regulations which are intended to be published in 2018.

The workshop will be held on September 6, 2017 in Ottawa, Ontario and will also be accessible through WebEx. Interested parties must submit their interest in participating in the workshop by August 16, 2017. Interested parties are invited to participate in a short online questionnaire to help inform the workshop agenda and focus the discussions. To participate, click on the following link <http://form.simplesurvey.com/f/1/FormaldehydePre->

[Consultation](#) and submit your responses by August 16, 2017. Note that this process is being administered by an independent third party - the Intersol Group Ltd. Responses are anonymous and will be held in the strictest confidence.

Comments regarding the consultation document, requests to participate in the workshop and pre-consultation activities, and all other inquiries related to this initiative should be directed to the attention of: Substances Management Information Line Telephone: 1-800-567-1999 (Canada or the United States) or 819-938-3232 E-

mail: eccc.substances.eccc@canada.ca Indicate in the subject line: "Formaldehyde Inquiry".

[ACA Expresses Industry Concerns About Marijuana and Workplace Safety](#)

ACA attended a July 25th workshop hosted by the Alberta Government. On behalf of members, ACA expressed the following concerns:

- Employers need legislative certainty that protection of workplace safety trumps privacy and human rights. Perhaps this takes the form of OHS, privacy, and human rights legislation all being amended to confirm statutory protection of employers provided they are appropriately implementing Government approved policy and procedures
- Employers need Government to establish an evidence-based risk threshold measure of impairment
- Education and awareness of the signs and impacts of acute and chronic use of cannabis is needed for workers and supervisors
- Harmonization across provinces is desirable given that construction workers are mobile and construction companies operate beyond Alberta

Further consultations are planned for this Fall.

[New Program Supports Hiring of First Nations Women](#)

Women Building Futures will receive \$384,000 for a three-year project to support the hiring and retention of Indigenous women in the construction, maintenance, and oil and gas sectors.

The project will bring together Indigenous women, employers and stakeholders to identify barriers and best practices to advance participation in these industries, states a release issued by Status of Women Canada on July 19.

To read more [click here](#).

[Future Disruptions and How to Manage Them](#)

Future proofing is always a difficult process for companies. Often it comes down to how to quickly manage risk and at what point one seeks to jump on board new technologies or ideas. In a recent article David Bowcott a global director with AON Risk Solutions suggested that more than ever it is critical to be ahead of the curve.

If ever there were an industry ripe for disruption, it is construction. Mega-trends like globalization, asset management, and new technology are beginning to turn this long unchanged industry inside out. So, how do industry players stay on the winning side of future disruptions?

To avoid being run over by change, industry players need to identify what the disruption will be, and ultimately how to become an early adopter. Thus knowledge becomes gold in the future construction economy (in truth it has always been gold, but it will be the primary fuel of success in the future). To read the article further [click here](#).

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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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