



ECAA

Electrical Contractors
Association of Alberta

THE SPARK

ECAA NEWSLETTER

February 2nd, 2018

Issue 84

In This Issue

[President's Message](#)

[Did you Know?](#)

[Electrical Safety Program
"Product in a Box"](#)

[Industry News](#)

[Board of Directors Update](#)

[Communications Update](#)

[Labour Update](#)

[PEC Update](#)

[New Members](#)

[PEC News](#)

[Chapter Activity](#)

[ECAA Courses](#)

[PEC Courses](#)

[Online Training](#)

[News from ACA](#)

Calendar of Events

[PEC COURSES](#)

[2018 PEC Registration Form](#)

[CODE COURSES](#)

[Code Seminar Registration
Form](#)

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

January has come and gone and as much as we hope for more spring like weather patterns, the snow continues to fall as does the temperature. Our last Provincial Board meeting was held on January 19th and we were delighted to welcome 2 new Board members to the table. Our new Public member from Edmonton, Susan Rockwood and newly elected Lethbridge Chapter President Tim Fehr. It was also nice to see so many stay the weekend to attend the Edmonton Chapter Presidents Ball on January 20th. With greetings and representation from all three levels of Government special thanks to Honorable Lori Sigurdson (Minister Seniors & Housing); MLA's Jon Carson and Rod Loyola; Members of Parliament Matt Jeneroux and Kelly McCauley; and Councillor Mike Nickel for attending. It was a great event hosted by Brent and Monique Connell and most certainly an evening to remember.



February promises not to disappoint either as I am looking forward to our next Board meeting on February 8th which will be held in Calgary just prior to the Calgary Chapter meeting and Industry night. I encourage you all to come out and meet your Provincial Board. Minister Sandra Jansen (Infrastructure) will be in attendance to bring greetings from the Province. Edmonton Chapter Industry night will be held on Monday, February 26th with table top displays and meeting presentation on Cyber Risk. These two events are an excellent forum to introduce and welcome new and prospective members so please feel free to bring a guest to either of these events.

As many of you know via email already, we are now offering a Convention only package to Cannes, France from June 9th - 15th. Package includes conference meetings, airfare, accommodations and much more. I hope more are able to join us in Cannes for an informative and relaxing ECAA getaway.

MEETINGS

February 8th, 2018
Calgary Chapter
Industry Night
Calgary

February 15th, 2018
North West Chapter
Grande Prairie

February 26th, 2018
Edmonton Chapter
Industry Night
Edmonton

ECAA SEMINAR
COMMUNICATIONS & EMAIL
ETIQUETTE
8:00 am - 10:00 am

Join Our List

Join Our Mailing List!

ECAA is Social

Like us on



Follow us on



Subscribe to our
channel



Wishing you all a safe a warm February
Yours in Service

Eric Fadden, PEC
ECAA Provincial President

Did you know?

Did you know, ECAA offers several web based training programs from Electrical Safety, General Safety and Defensive Driving?

These training programs were developed by different training companies and the ECAA is a reseller.

So, why buy training through the ECAA? ECAA does share in the revenue from course costs which support our industry. However, when buying e-learning from a "for profit" organization, they benefit from all the revenue and do not support our industry.

Please make the ECAA your first stop when looking for Web Based Training Solutions.

If we are not offering training you require please let us know, so we can better support our industry.

ECAA bundled courses qualify for this grant.

The Canada-Alberta Job Grant (CAJG) is an employer-driven training program where employers and government share the cost of training new and existing employees to increase their knowledge and skills to meet the needs of Alberta's changing economy.

NEW: CAJG now offers more training incentives to employers

- 100% of training cost covered for eligible unemployed hires (up to \$15,000) with incremental training requirement waived
- Sole proprietors can now train their employees using CAJG
- Assistance on travel costs for small and medium-sized organizations (outside of Edmonton and Calgary) when training is over 100km one way

Check the [CAJG Applicant Guide](#) for details.

Contact ECAA for more information.

Electrical Safety Program "Product in a Box"

What are the most significant changes to CSA Z462 in the 2018 Edition? Probably the most significant change relates to the requirement related to completing an Arc Flash Risk Assessment for an energized electrical work task. The 2018 Edition requires a true risk assessment to be completed, three steps are required.

1. Identify if the work task will expose a QEW to arc flash.

2. Then complete the risk assessment to determine the potential for injury or damage to health and the likelihood of occurrence of an arcing fault occurring.
3. Determine additional protective measures to reduce the residual risk to an acceptable level.

Your company's Electrical Safety Program would provide documentation to complete this risk assessment. If you have any questions about the changes and their implications please email or call Terry Becker, P.Eng., tbecker@danatec.com or 1-403-465-3777.

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

Industry News

ECAA Training Day & AGM Registration open online. Reminder early bird registration closes on March 31st, 2018. *Correction Notice Chateau Lacombe Hotel rate is \$135 + taxes (includes breakfast & parking).

Code Seminar dates for Calgary February 9th, March 9th and Edmonton March 19th are full. [CLICK HERE](#) for an updated code registration form.

ECAA Members wishing to train employees on **ESTS Arc Flash & Shock Electrical Safety Training** receive a **member discount**. Contact ECAA Office for promo code.

Congratulations to ECAA Past President Keven Lefebvre, PEC. Effective February 20th Keven will be taking on the role of Fire Chief/Director of Emergency Management for St. Albert Fire Services. We wish Keven all the best on this new endeavor!

ECAA Congratulates Gregg Whitty on his accepted position of Manager with the Canadian Electrical Contractors Association (CECA). Best success in this position.

The following STANDATA is now available on the Municipal Affairs website. Follow the link below to view or print copies.

INTERPRETATION

[14-BCI-018](#) Elevator Operations and Accessibility

Information related to Energy Codes

[NECB 2011 Compliance Checklist](#)

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

Energy Efficiency Alberta and the Canadian Institute for Energy Training today announced a series of energy-related training sessions this winter that will be accessible and affordable to residents of Alberta who want to increase their capacity to understand, engage in, manage, and measure energy efficiency projects. Energy Efficiency Alberta will cover all or part of the cost (up to 50%) for residents of Alberta. Space is limited, so sign up today!

<http://cietcanada.com/news/eea-subsidized-energy-training/>

Free Webinar: February 21, 2018 at 9:00 AM MST - CSA Z462 2018 Edition Changes and Updates:

<https://attendee.gotowebinar.com/register/4806882706055290883>

Change Management! The CSA Z462 2018 Edition has just published on January 8th. This Edition continues the evolution of arc flash and shock hazard identification and the application of a Risk Assessment Procedure as a documented component of a company's Electrical Safety Program. What do these changes mean for your workers and how their energized electrical work tasks should be managed? Join Terry Becker P.Eng., IEEE Senior Member, CEMCP, Senior Vice President of the Electrical Safety Division at Danatec Educational Services Ltd., for an informative review of the CSA Z462 2018 changes and updates and what they mean for your company

February Webinar: The Canada Apprentice Loan Wednesday, February 21st, 2018 1:00 - 2:00 pm EST. The Canada Apprentice Loan is an initiative of the Government of Canada which supports apprentices registered in Red Seal trades. Eligible apprentices can receive up to \$4,000 in interest-free loans per period of technical training to help pay for tuition, tools, equipment and living expenses, to cover forgone wages or to help support their family. As the second full year of program implementation comes to an end, learn about how the loan program is being used across the country and discuss opportunities to ensure apprentices are aware of this and other supports available to them. Register for the webinar [here](#).

Alberta Energy Efficiency Alliance (AEEA) Summit May 16-17, 2018, Calgary, AB. Join the AEEA for two days of professional development and discussion on May 16th & 17th, at the Grey Eagle Event Centre in Calgary. With support from Energy Efficiency Alberta, the AEEA will host this inaugural event, designed to offer delegates a forum to collaborate, learn, network, and receive insights into the latest trends in energy efficiency. Register with early bird pricing before March 12th, 2018 to save up to \$100. **KEYNOTE SPEAKERS:** Monica Curtis, CEO Energy Efficiency Alberta; Benjamin Grunfeld, Managing Director in Global Energy Practice, Navigant; Gary Holden, CEO, Pulse Energy; Doug Lewin, VP of Regulatory Affairs & Market Development, CLEAResult. [Click Here to Register](#)

Canadian Infrastructure gets people and goods moving, provides safe drinking water, handles city waste, creates spaces for sport and recreation, and helps protect homes against flooding and other natural disasters. But the infrastructure gap is a massive number that keeps on growing. How can we best respond? **Join the Conference Board of Canada for Thinking About Infrastructure 2018: Querying the Infrastructure Gaptaking place on April 25-26, 2018 in Ottawa** and connect with leading professionals from public, private and academic sectors, in the areas of infrastructure planning and policy.

Featured Speakers:

- The Hon. Amarjeet Sohi, Minister of Infrastructure and Communities - Infrastructure Canada
- Dr. Mario Lacobacci, Partner, Economics and Asset Advisory - Deloitte LLP
- Sean Rathwell, Transit & Urban Mobility Specialist - Dillon Consulting Limited
- Antonio Gomez-Palacio, Principal - DIALOG
- Steven van Haren, Department Head, Municipal/Urban Drainage - KGS Group
- Dr. Andrew Gonzalez, Canada Research Chair in Biodiversity Science - McGill University
- Jason Neudorf, Transportation Planner - WSP

- Mike Dwyer, Chief Administrative Officer - Township of Rideau Lakes
- Grant Osborn, Assistant Deputy Minister, Infrastructure Research and Financing Division - Ontario Ministry of Infrastructure
- Gabrielle FitzGerald, Director, Data Strategy and Research Division, Policy and Priorities Directorate - Infrastructure Canada
- Dr. Matti Siemiatycki, Associate Professor, Department of Geography and Planning - University of Toronto

This is your chance to explore key issues, network with your peers, and be a part of this important conversation as we work towards a resolution to respond to this ever-growing gap. Secure your spot today, and register now at our early bird rate using priority code EICOP.

Board of Directors Update

Provincial Board Update. A Provincial Board of Directors meeting was held on Friday, January 19th, 2018 in the ECAA Boardroom. President Eric Fadden, PEC called the meeting to order at 10:30 and welcomed Susan Rockwood, Public Member and Tim Fehr, Lethbridge Chapter president. Also in attendance were Terry Barnett; Tim Brundage; Jason Burke; Darrell Castor, PEC; Bob Clarke; Brent Connell, PEC; Joe Davis; Jeanette DeBruin; Dave Hagen; Brian Halina; Scott Hutton; Bob Maslanko, PEC; Andrew McGuire; Terry Milot; Tim Tarita; Hans Tiedemann; Keith Urlacher; Steve Warholik and Sheri McLean, Recording Secretary.

Meeting began with Board discussion on Goal #1: "Increase sustainable membership to ensure strong voice for the viability of the Association". A number of good action items arose from this discussion. Terry Milot provided an update on solar initiatives and a recent meeting with Energy Efficiency Alberta. This group has also reached out to ECAA on the Commercial, Business & Industrial rebate program.

Correspondence items included a thank you from Edmonton and Calgary food banks; request for ECAA appointment to ACSA Board of Directors (President Fadden thanked Mr. Hagen for his years of service as our continuing representative, recognizing his efforts in keeping the Board informed); copy of letter to Alberta Construction Association from Minister Gray regarding Occupational Health & Safety (OH&S) system review, referencing Bill 30; appointment of Susan Rockwood and reappointment of Hans Tiedemann as ECAA public members by Minister Gray. 60/90 overdue list, November Pro Forma and January Wood Gundy investments were received and reviewed. Membership and PEC applications were approved. Reports from Chapter Presidents and Committee chairs received. Mr. Joe Davis, ECAA's appointment to the Fire Technical sub council reported discussions have been held with Canadian Fire Alarm Association (CFAA) to discuss development of a course to fill gap for out-of-Province electricians to be able to get their PIN numbers. Job Site app session at Training Day has been postponed. The two time slots will be filled with speakers on Bill 17 (Alberta's Fair & Family Friendly Workplaces Act - Employment Standards) and Bill 30 (an Act to protect Health & Well-being of Working Alberta - OH&S Act). Meeting adjourned at 2:35 p.m. Next meeting: Thursday, February 8th, 2018 in Calgary.

Communications Update

Welcome new Calgary member, Tina Toth and Edmonton member John Knoll to the ECAA Marketing Committee. Great to have Grant Ainsley and Mike Blackmore with Big Click Media on our team.

Looking for Associate members to join the ECAA Marketing Committee. Contact [Jeanette DeBruin](#) if you are interested in participating.

Sparky Says: "Getting amped up about the electrical trade" Because we are wired like that.

Exciting new video footage to be launched promoting electrical industry and making sure we communicate why hiring a certified electrician matters.

Labour Update

Legalization of Marijuana

There are employers across Canada wondering and asking how the legalization of marijuana will affect our business. With the provisions the unionized employers with the Construction Labour Relations, Boilermaker Contractors and ECAA have had in place for a number of years it can be business as usual. The Alcohol & Drug Work Rule (Canadian Model), Rapid Site Access Program (RSAP) and Third Party Case Managed Aftercare are components of risk management and employee assistance which improves workplace safety and helps employees make positive lifestyle choices.

When the use of a substance, marijuana being one of these substances, results in a positive drug test it is a violation of the Canadian Model and the person is removed from the workplace and referred to Third Party Case Managed Aftercare. Regardless of whether the substance is legal, Alcohol being one of these substances, when a test result is over the Canadian Model threshold it is a violation of the Canadian Model.

It can be 'Business as Usual' when managing the Canadian Model and Accommodation for unionized contractors when the Collective Agreement contains the Canadian Model, RSAP and Case Managed Aftercare provisions.

Canada's Building Trades Unions Operating Officer Robert Blakely, in a letter to the members of the Building Trades Local Unions, provides a message supporting the Employer's responsibility for a safe workplace. This letter can be viewed on the Union Contractor page on the ECAA website.

PEC Update

Professional Electrical Contractor Course Continuity (PECCC) rolls out demo PEC course binder and pilot online forms and pre-read for PEC students.

A leadership conference I attended in January 2018 noted that up to 75 % of millennial learning is visual and the millennials focus is on results not the processes that us boomers and nearly boomers are used to. This fits in with the goals of the PECCC project initiated by PEC Chair Bob Maslanko. As noted in the May 2017 SPARK "*project was initiated to standardize some of the PEC materials to look at potential updates and provide improved continuity between the courses to minimize course content overlap and identify any subject gaps.*" We are able to list Goals and Core Competencies for each PEC course and create a common link using the ECAA 6080 Office Warehouse Project.

Given the above, we are now in the digital age of not what you know but where to find it?

The PEC binder has now been updated to a standardized 4-tab layout with 9 standard appendices and contains a dynamic Core Competency Chart for all 6 PEC courses. The updated binder format will be implemented for upcoming courses scheduled for 2018.

Also, we are working on a pilot project to have the option of an online pre-read package the PEC student can read before the course and answer related questions to help maximize their learning during the course and immediately apply this learning to their company after the PEC course.

The second part of the proposed online pilot project is to have forms (that can be customized) from each PEC course online for about 1 month after the student takes the course so they can download and use it in their company with the provision if they revise the form they send proposed revisions back to ECAA for possible use in future PEC courses.

Note online access is only for those participants who have taken the PEC course. One the most useful forms in one of our present PEC courses came from a standard form a PEC student took and modernized it, made it easier to use and made it much more relevant to today's workplace.

Remember as a PEC you can retake any of the PEC courses for a reduced fee and get 12 ADP points.

Any questions or suggestions please email me directly pracrevchairecaa@gmail.com

Mike Fleming, PEC
PEC Practice Review Chair

New Members

Welcome New Members

Contractor: Acme Electrical Services (Edmonton); C&J Electric (Airdrie); Greentech Electric Corporation (Wetaskiwin); 1490755 AB Ltd. (Lethbridge)

Associate: Lethbridge College (Lethbridge); Hertz Equipment Rental (Edmonton)

Journey person Associate: Dave Rutherford (Calgary); Clifford Yamuah (Edmonton)

Professional Electrical Contractor (PEC) News

Congratulations & Welcome New PEC

David Arkell, PEC #346

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, February 8th** Best Western Port O'Call Hotel. Meet your Provincial Board. Honourable Sandra Jansen, Minister of Infrastructure will be in attendance.

Agenda:

Cocktails: 5:30 pm; Agenda to start at 6:00 pm

1. Calgary Chapter President Andrew McGuire: Welcome to members, Provincial Board and self-introductions.
2. Minister Jansen (Infrastructure) Bring greetings from Province
3. Provincial President Eric Fadden, PEC - Greetings and update from Provincial Board
4. Legislation Chair Terry Milot - Update on Legislation (Prompt Payment & Solar Initiatives)
5. Benefits of being an Associate member
6. Benefits of being a Contractor member in Calgary
7. Benefits of being a Professional Electrical Contractor

Guest Speaker & Topic: Federated Insurance on Cyber Risk

CASINO NIGHT!

EDMONTON: Next meeting is **Monday, February 26th**, Chateau Louis Hotel & Conference Center.

Industry Information Night

Table Top Displays: 5:00 - 6:00 pm.

Chapter Meeting & Dinner 6:00 pm.

Guest Speaker & Topic: Federated Insurance on Cyber Risk

NORTH WEST: Next meeting is Thursday, February 15th, Pomeroy Hotel, Grande Prairie.

Guest Speaker: Eaton Lighting

Topic: Class 1 Zone 2 SynergEX Breaker Panel

Meeting Sponsor: Eaton Lighting

BUSINESS & PUBLIC RELATIONS ** *Still space available. You do not have to be an electrician to take this course. Employment & Human Resource Management covered in this course.

Thursday, February 15th & 16th, 2018

Pomeroy Hotel, Grande Prairie

[PEC Course Registration Form](#)

ECAA Courses

Communication & Email Etiquette on Wednesday, February 7th, 2018 at the ECAA Provincial Office (17725 103 Avenue, Edmonton, AB)

8:00 am - 10:00 am.

\$65 ECAA Member/\$80 Non Member

2 APD Points

[CLICK HERE TO REGISTER](#)

CANCELLED: Due to unforeseen circumstances JSA (Job Site Apps) 2018 Training.

Edmonton: February 6th, 2018

Red Deer: February 7th, 2018

Calgary: February 8th, 2018

Training Day May 25th, 2018.

This session will be replaced with one on Bill 17 and one on Bill 30. Detailed information to follow.

Professional Electrical Contractor (PEC) Courses

[2018 PEC Course Schedule and Registration](#)

BUSINESS & PUBLIC RELATIONS (Brian McCready) Thursday, February 15th & 16th, 2018 (Grande Prairie)

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.

BASIC ELECTRICAL ESTIMATING (BEE) (Pat Barnes) Thursday, February 22nd & 23rd, 2018 (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.

BUSINESS & PUBLIC RELATIONS (Brian McCready) Thursday, March 8th & Friday, March 9th, 2018 (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.

ASSESSING & FINALIZING THE TENDER WITH COMPUTER ESTIMATING (Chris Reinert, PEC) Thursday, March 15th, 16th & 17th, 2018 (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.

The computer estimating portion is designed to provide the new estimator or contractor with a basic understanding of how to prepare an estimate. It covers:

- Planning for the estimate
- Preparing counts, take-offs

- Preparing the Bill of material for supplier pricing and Review of the Bill of material
- Accubid "Bidwinner"
- Use of assemblies, where to enter miscellaneous costs, supplier pricing, overhead costs, and the final pricing sheet
- Use of Excel spreadsheets to assist with take-offs

BASIC ELECTRICAL ESTIMATING (BEE) (Pat Barnes) Thursday, March 15th & 16th, 2018 (Calgary)

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

SAFETY PRINCIPLES Thursday, March 22nd & 23rd, 2018 (Calgary)

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

*****Reminder all PEC's retaking courses 12 APD points apply. Reduced course rate of \$60 per 2 day course; \$90 3 day 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 -- ECAA MEMBER DISCOUNT AVAILABLE!

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 **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).

Alberta Construction Association Update

ACA Releases Capital Plan Recommendations

On Tuesday January 30, Alberta Construction Association (ACA) sent MLA's a copy of our Capital Plan Recommendations ahead of the 2018 budget. With the development of schools, funding to various municipal public transit projects, and increasing need for expansion or construction on hospitals the province continues to have infrastructure needs that must be met regardless of economic circumstances.

ACA recognizes that jobs are a priority of this government and keeping Albertans employed in good paying jobs is critical to the economic engine. Dramatic swings in infrastructure investment discourage young people from choosing a career in construction, discourage existing workers from remaining in construction, disrupt training of new apprentices, contribute to higher accident rates, and lead to financial hardship for companies.

ACA members strive to provide infrastructure to meet the needs of Albertans in a cost effective, environmentally sustainable, and safe manner. Alberta's construction industry shares a number of priorities with the Alberta Government to enhance productivity and competitiveness of the Alberta economy.

You can read a copy of the recommendations [here](#).

ACA 2018 AGM Report

The Alberta Construction Association Annual General Meeting was held on Friday January 26th, in Calgary. The meeting brought together the board, our associate members, and local construction associations from across Alberta and government representatives.

As Chris Ambrozic regrettably had to step down Paul Heyens will continue as Chair, Paul is the CEO of Alberta Glass. Paul Verhesen remains as Past Chair, Ian Reid is now the Senior Vice Chair, and Fredrick Vine was named Vice Chair.

We would like to congratulate Mike Nicolson of Ellis Don Construction for his tremendous work who was recognised with the ACA Chair's Award.

Our Guest Speakers included:

Alberta Labour Assistant Deputy Minister Lenore Neudorf spoke at length about the changes the ministry brought out in 2018.

Neil McFarlane Alberta Infrastructure Assistant Deputy Minister spoke about the work his ministry is doing.

Canadian Construction Association Chair Chris McNally spoke about the association and its goals for the next year.

The Top Trends in Construction in 2018

With the arrival of the New Year the Construction industry once again is looking at ways to use technology, risk management, and find greater opportunities in a market that continues to change. Emerging technologies continue to be something which the industry is finding ways to use effectively.

With all this in mind, what can we expect to see in 2018? We will definitely see various trends that will focus on technology creating a direct or an indirect effect on the construction industry.

To read about the top emerging trends in the industry please read the remainder of the article [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 March 2nd, 2018.



ECAA

Electrical Contractors
Association of Alberta

17725 - 103 Avenue Edmonton, AB T5S 1N8

Phone: 780-451-2412 Toll Free: 1-800-252-9375

www.ecaa.ab.ca



Follow us on **twitter**

View our videos on **You Tube**