



January 8th, 2021 | Issue 119

UPCOMING EVENTS

CHAPTER MEETINGS

Fort McMurray Chapter Meeting
Tuesday, January 12th, 2021
[Register Here](#)

Calgary Chapter Meeting
Thursday, January 14th, 2021
[Register Here](#)

Edmonton Chapter Meeting
Monday, January 18th, 2021
[Register Here](#)

Lethbridge Chapter Meeting
Wednesday, January 27th, 2021
*Meeting time and format to be confirmed.

UPCOMING TRAINING

[2021 Code Update Training Schedule](#)

Top Tips for Starting Your New Business
Tuesday, January 12th, 2021
12:00 pm
[Register Here](#)

1 Day Arc Flash & Shock Training
Virtual Instructor led
Tuesday, January 19th, 2021

President's Message

Greetings and Happy New Year Everyone!

2021 is here at last and though we still face the challenges of Covid, social distancing and household restrictions, we have a reason to be optimistic in light of two different vaccines being administered, beginning with all front line emergency and health care workers. Though no one is certain of the timing to complete all of the vaccines, there is good reason to believe we may salvage some glimpses of 'normal' before summer passes.



As for the economy, 2021 is showing some positive signs of growth out of the gate. Stocks and oil prices continue to trend upward all be it at a conservative pace.

We held our Ways & Means as well as Provincial Board meeting on December 4th. Many great initiatives are under way including some upgrades to the ECAA mission, vision and strategies; as well as a thorough review and overhaul of the By-laws to name a couple. A reminder that the Chapter meetings are all posted on the calendar for your convenience. Once again, I would like to remind everyone the importance of participating in our Chapter meetings whether in person or via Zoom. In fact it was suggested by one of the Chapter Presidents in the last

8:00 - 4:30 pm

[Register Here](#)

Grounding & Bonding Seminar

Friday, January 22nd, 2021

8:00 - 4:00 pm

Virtual Delivery

[Register Here](#)

Communities of Practice

Wednesday, January 27th, 2021

7:30 AM

Virtual Discussion

[Register Here](#)

5 Question to Ask Your Accountant

Tuesday, February 9th, 2021

12:00 pm

[Register Here](#)

Visit our website

[ECAA 2020-2021
Board of Directors](#)

Board meeting, that it would be very beneficial for Chapter Presidents to join in on other Chapter meetings to create a synergy of information, not to mention additional support, ideas and encouragement to other communities across the Province. I say, what a great idea! Networking is very important to all of our members and this is a great opportunity to share and learn with one another.

Thank you again to everyone for your ongoing support and involvement. Here is to brighter days ahead in 2021 and so long to 2020. Let's continue to be diligent where it comes to adhering to the Provincial Infectious Control Plan and let's have a safe and healthy January.

Respectfully,

Tim Brundage
ECAA Provincial President

Save the Date

ECAA CONVENTION & TRAINING DAY
MAY 27TH - 30TH, 2021



Save the Date

HOSTED BY: PRESIDENT TIM & JANICE BRUNDAGE

ECAA CONVENTION & TRAINING DAY
MAY 27TH - 30TH, 2021

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SCHEDULE OF EVENTS

THURSDAY, MAY 27TH - PROVINCIAL GOLF TOURNAMENT

FRIDAY, MAY 28TH - TECHNICAL TRAINING DAY

SATURDAY, MAY 29TH - ANNUAL GENERAL MEETINGS,
AWARDS LUNCHEON & GALA

SUNDAY, MAY 30TH - FAREWELL BREAKFAST

*AHS GUIDELINES WILL BE FOLLOWED



Join Us & Be Connected



Convention, Training Day & Annual General Meetings. The Pomeroy Kananaskis Mountain Lodge has been booked from May 27th – May 30th to accommodate President Brundage's in-province convention, Training Day and the Annual General Meetings. Tee times have been reserved at the golf course for Thursday afternoon, followed by a social gathering; Training Day and a welcome reception on Friday, the 28th; Annual General Meetings, Awards Luncheon and President's Ball on Saturday the 29th; farewell breakfast on Sunday morning. At this time we are planning for a combination of virtual and in-person registrations; however Alberta Health Services (AHS) guidelines and restrictions will be followed. Registration forms will be available beginning of March when we hope to have a better idea of how we can proceed. Mark your calendars and watch for any updates. Here's hoping we can meet in person.

Upcoming Training

2021 Canadian Electrical Code Update Training Registration Open. Click on the following registration form for a list of upcoming course dates.

[2021 CE Code Update Seminar Dates](#)

Registration also available [online](#). For more information on code please email ecaa@ecaa.ab.ca

AHS guidelines will be followed for in person sessions. APD Points apply for PEC's.

ECAA has partnered with TW Becker, Electrical Safety Consulting to offer a 1 day low voltage Arc Flash & Shock training course.

Alberta Occupational Health & Safety Regulations, Part 1 (*Obligations of Work Site Parties*), Section 3(2) outlines obligations of the Employer, and implies that the Employer shall ensure that Workers are adequately trained in all matters necessary to protect their health and safety. The CSA Z462 Workplace Electrical Safety Standard, 2021 edition, clause 4.1.8 (*Training*); Clause 4.1.8.1.4 (*Retraining*) outlines a minimum training frequency of 3 years or when the Standard changes.

The course is based on the requirements of the CSA Z462 Workplace Electrical Safety Standard. Attendees will receive appropriate knowledge to identify when they may be exposed to the electrical hazards of arc flash and/or shock and the actions they can take to eliminate exposure or reduce risk to as low as reasonably practical. This training course is compliant and defensible as due diligence to OH&S regulations.

[1 Day Arc Flash & Shock Training](#)

Tuesday, January 19th, 2021

8:00 - 4:30 pm

[Register Here](#)

APD Points Apply. This session will be delivered virtually and instructor led using zoom.



VIRTUAL INSTRUCTOR LED

1 DAY LOW VOLTAGE ARC FLASH & SHOCK TRAINING COURSE



ECAA has partnered with TW Becker, Electrical Safety Consulting to offer a 1 day low voltage Arc Flash & Shock training course.

The course is based on the requirements of the CSA Z462 Workplace Electrical Safety Standard. Attendees will receive appropriate knowledge to identify when they may be exposed to the electrical hazards of arc flash and/or shock and the actions they can take to eliminate exposure or reduce risk to as low as reasonably practicable. This training course is compliant and defensible as due diligence to OH&S regulations.

APD Points Apply.

This session will be delivered virtually and instructor led using zoom.



**JANUARY 19TH, 2021
FEBRUARY 23RD, 2021
MARCH 18TH, 2021**

8:00 am - 4:30 pm

**\$285 ECAA MEMBER
\$350 NON MEMBER
*plus GST**

***Course fee includes printed manual that will be couriered to registered participant.**



**REGISTER ONLINE: [HTTPS://EVENTS.ECAA.AB.CA/](https://events.ecaa.ab.ca/)
JANUARY 19TH
FEBRUARY 23RD
MARCH 18TH**

Grounding & Bonding Seminar presented by Larry Cantelo, PEC

This seminar will delve deeply into grounding and bonding. Seminar will include definitions of associated terms and look at the reasons for grounding and bonding. Additionally, code requirements for grounded, ungrounded and impedance grounded systems will be reviewed. Also included will be a review of the major changes to Part 10 of the 2018 CE Code and a look at the CE changes coming in 2021.

Course Fees: Member \$150 + GST

Non-Member: \$175+ GST

Friday, January 22nd, 2021

8:00 - 4:00 pm

Virtual Delivery

[Register Here](#)

APD points apply for PEC's

Lunch & Learn

Top Tips for Starting Your New Business. Starting a new business in 2021 or recently opened one? Join us over the lunch hour as FBC Canada will provide some tips that new business owners should be aware of. **Tuesday, January 12th, 2021** 12:00 pm - 1:00 pm

[Register Here](#)

5 Question to Ask Your Accountant. Starting a new business? Recently opened a new business? Join FBC Canada to learn 5 questions you should ask your accountant about on

Tuesday, February 9th, 2021 12:00 pm - 1:00 pm [Register Here](#)

APD points apply for PEC's

Communities of Practice

Please join the ECAA Communities of Practice for a series of CoP zoom meetings scheduled for the 4th Wednesday of every month from **7:30 am -9:00 am. January 27** will be the first ECAA CoP of 2021 and **will cover a 60,000 ft overview of lean construction.** The first 45 minutes will be spent learning what lean construction is, where it comes from, where it is being done, where you do it, what it entails, how you do it, why you want to do it, who benefits from it, and what the results are going to be. During the final 45 minutes of the CoP, we will have small group conversations to discover how you may use lean construction thinking in the areas of quality, costs, delivery, safety, and morale. Throughout the first half of 2021 the ECAA CoP will delve deeper into supporting your companies to begin realizing the possible results of lean construction. The ECAA monthly CoP will provide 45 minutes of learning, based on the needs of the CoP, followed by small group conversations.

CoPs' offer a powerful professional learning strategy for the 21st century. A CoP is a group of people who "share a common concern(s) or passion for something they do and learn how to do it better as they interact regularly". The Promise of CoP's are to create new knowledge that will lead to improvement of all aspects of the Electrical Contracting Industry. When done right, continuous improvement through CoPs', results include 30% reduction of onsite time, up to 99% accuracy among engineering disciplines, 5-20% productivity above trade baselines, 15-80% rework below trade baselines, and the possible creation of company culture that beats every strategy ever devised. Consider participating to discover advanced possibilities for your companies.

Wednesday, January 27th, 2021

7:30 AM

[Register Here](#)

APD points apply for PEC's

PEC Courses ([2021 Course Schedule](#))

[2021 Manual PEC Course Registration](#) - use this form to register using your complimentary course certificate or to pre register for all the courses but pay for each individually as they come up.

[2021 Online PEC Course Registration](#)

For more information about the program and courses please contact chryniw@ecaa.ab.ca

NAIT Upcoming Continuing Education Courses

- Professional Development – [upcoming courses for January and February](#)
- Course Outline: [CITC819 Managing the Virtual Workplace \(New Course Added\)](#)

APD Points apply for PEC's

Holiday Sale extended until January 11th \$899 + taxes.

Electrical IP Red Seal Training - January 9th - February 6th (5 Saturdays)

Contact ATTI to enroll 604-304-4009 or info@atticanada.com. Classes delivered virtually.

Online Training available on www.ecaatraining.com
Courses available through [Buildforce Canada](#).

Industry News

ECAA 2021 Membership invoices were sent in December. Please remit by January 31st, 2021. If you did not receive your invoice please contact Camille (caustin@ecaa.ab.ca)

Reminder that the following membership renewals can be processed online:

[Journey person Membership](#)

[Associate Membership](#)

[PEC Student Renewal](#)

[PEC Renewal](#)

Please allow time to process renewals. Membership cards, plaque stickers and receipts will be sent in the next few weeks. Thank you for your patience and continued support.

[ECAA Code Book Pre-Order Form](#)

Pre-Order CSA C22.1:21, Canadian Electrical Code

The 25th edition of the CSA C22.1:21, *Canadian Electrical Code, Part I* is due to publish in January 2021. The French edition, CSA C22.1:F21, will be available in April 2021. For over 90 years, the *Canadian Electrical Code, Part I* has been developed and updated to help better protect electrical workers and promote improved consistency in electrical installations across the country. The new edition includes over 200 additions and revisions, including:

- New subsection for energy storage.

- Requirements regarding climate change adaption addressing risks from floods.
 - Substantial changes to wiring methods.
-

The following **Building STANDATA** is now available on the Alberta.ca website. Follow the links below to view or print copies.

[19-BCI-002R1](#) Barrier-Free Design Requirements: Relaxations

[19-BCB-006](#) Architects or Engineers Providing the Professional Design Services of the Other

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

City of St. Albert Compliance requirements for load calculation required for AC's, water heaters and hot tubs installed in St Albert. Please refer to the following outline [Compliance for Hot Tub Installations Ruling - St. Albert](#) For more information please contact the City of St. Albert. Thank you to Kevin Payne PEC, Payneless Electric for sharing.

Overview of Amendments to CCDC 2 & CCDC 41 (2020). The Canadian Construction Document Committee (CCDC) released a new version of the CCDC 2 and CCDC 41 forms. As construction continues to evolve, the risk allocation of traditional construction evolves with it. On December 14, 2020 release of new amendments to the CCDC 2 (2008) and subsequently CCDC 41 will have contractors taking a closer look at their contracts and evaluating their risk profile. You as the contractor need to engage with your risk professionals to understand the impacts of what is coming. Please refer to the following document for more information: [Changes to CCDC 2 & CCDC 41](#)

This document is being shared on behalf of Steven Beeston, Aon Commercial Risk Solutions.

EIAA Conference February 5th, 2021. Join the Electrical Inspections Association of Alberta for their annual conference that will be held online. [To register for this event please click here.](#) *No fee event, APD points apply for PEC's.*

Join Canadian Manufacturers and Exporters (CME) and BDC for a virtual event focusing on a “temperature check” of the Prairies' economies. CME and BDC team up to share an economic outlook and results of a BDC diversification study in the Prairies. **Rob Lajoie**, VP Financing & Consulting – Edmonton & North, BDC Will discuss the level of diversification of entrepreneurs in Alberta and Saskatchewan, and its impact on growth before and during the COVID crisis. Learn about the effect of digitization on growth and resiliency during the pandemic. **Alan Arcand**, Chief Economist, CME Will share an economic overview of the latest forecasts for Canada and Prairies, with emphasis on the manufacturing sector. Alan also discusses recent global economic developments and the outlook for the energy and agricultural sectors. The event will take place on Tuesday, January 26th, 2021 9:00 am - 10:30 am (MST). [To register for this event click here.](#)

Key 2021 Electrical Code Changes Impacting Wire and Cable. This free webinar is being presented by Isaac Müller, Applications Engineer for Nexans who will discuss changes to the 2021 Canadian Electrical Code related to wire and cable.

This webinar includes:

- Updated rules to protect cables (12-514,12-516)

- New conditions of use for wire & cable (Table 19)
- An opportunity to ask your questions and more

Wednesday, January 27th, 2021 12:00 PM - 1:00 PM MST

[Register Here](#)

This information is being shared on behalf of the Alberta Chamber of Resources

Do you know an outstanding leader in Alberta's natural resource industry? Nominations for the following categories are open until January 15th:

[Young Leader Award](#)
[Indigenous Leadership Award](#)
[Resource Leadership Award](#)



Remember to mark your calendars to join ACR in recognizing the winners at our **2021 Awards Celebration on February 25, 2021**. [Registration for the event will be launching next week.](#)

Help ACR recognize the people or projects in our Alberta natural resource community who would be great candidates. Please consider nominating someone or passing this along to others.

Building Owners and Managers Association (BOMA) Edmonton has hired Lisa Baroldi to succeed long-time President & CEO Percy Woods. *ECAA wishes to congratulate Percy on his retirement and congratulate and wish Lisa all the best in her position as the new President & CEO.*

Thank you to those that supported STARS 50/50. The winning number for the 50/50 was d-3583. Congratulations to the winner, Heller P, a long-time supporter of STARS, who won the \$7500.

<https://www.facebook.com/BuildingMagicYEG/videos/407639930356327>

Built Green Canada Program Update

This information is being forwarded on behalf of Built Green Canada

Built Green Canada
BUILDING ON SUSTAINABILITY

2021 BUILT GREEN® Program Updates

With health and environmental concerns on the rise, now, more than ever, healthy homes have become a priority, and there is growing awareness that a sustainably built home is a healthier home—this will continue far beyond post-COVID. Our programs can help builders make homes that reduce impact on the environment and enhance wellness for homebuyers.

This year, our checklists have limited updates, mostly clerical. Over the last few years, we've updated / added a number of checklist items based on industry input, code changes, new innovations, and input from our [Technical Standards Committee](#) and the [Board of Directors](#). Many of these have created new opportunities to earn points toward BUILT GREEN® certification.

We're particularly interested in **greenhouse gas emission reporting** and **encourage innovation** by awarding points for these. As well, we want builders to consider checklist items related to **disaster preparedness** and home modifications for **aging in place**, as well as the **Water Efficiency Rating Score (WERS) certification**, which is an option for Water Conservation.

Looking ahead, with new codes coming, we anticipate more updates for our 2022 Checklists.

Programs are offered for:

- Single Family New Construction
- Single Family MURB New Construction
- Single Family Whole-House Renovation
- Single Family Room Renovation (Kitchen, Bathroom, and Basement)
- High Density New Construction
- High Density Renovation
- Communities

For the purposes for certification, they will be available to members for download on the [BUILT GREEN® Portal](#). For others who may be interested, please contact us for more information.

I. A Few Reminders

1. Project Enrolments: March 31 Deadline

Projects using the 2020 checklists must be enrolled by March 31, 2021. Should there be extenuating circumstances, please contact us.

1. Platinum Certification Requirement: CSA F326

As more and more builders earn BUILT GREEN® Platinum certification, we want to highlight a checklist item required for platinum level, found in the Ventilation section of our checklist.

Single Family Checklist Item *4.7 Ventilation system is installed according to CSA Standard F326.

Installation of the HVAC system should be carried out in accordance with CSA Standard F326-M91: Residential Mechanical Ventilation Systems as recommended by the Heating, Refrigeration and Air Conditioning Institute of Canada (HRAI). A properly installed ventilation system helps ensure the health and comfort of the building occupants, as well as the proper operation and longevity of the building's mechanical equipment.

**Note: the equivalent platinum required point in the High Density program is 4.1.

1. Multi-Unit Residential Building (MURB)—new checklist, same program: % LTRH recalculated

As a reminder, MURB projects will continue to go through our Single Family program; however, our current calculation for the percentage lower than reference house deducts the baseload (25.62) based on one unit. Applying EnerGuide (V 15.8), any single family building with a secondary unit should be modelled as a multi-unit whole building, and so, the baseloads change depending on the number of units. As such, our single family checklist has been updated for MURB projects and now provides an input for the number of units, which allows the baseload calculations to be adjusted accordingly.

Multi-Unit Residential Building (MURB) defined: a building comprised of a common entrance and separate units that are also known as apartments constructed for dwelling purposes. Multi-Unit Residential Buildings must have one primary exterior door access, with each of the apartments connected by an interior door.

We know this is a challenging time, with COVID-19 and uncertain economic times, but also with building code changes, escalating costs, and more. Though we head into 2021 amidst the second wave of infection, which will create a weaker start to the new year, we are optimistic that the vaccine deployment will set the stage for the economy to improve later in 2021.

What's Available from your Associate Members

New Ways of Working, Powering Spaces in 2021. For electricians, this means your clients will be more reliant on power than ever before. Your clients will be even more mobile, working from home and the office. They'll need a fast charge to power their phones, tablets, e-readers and more. And their workstations may be smaller, which means they'll need more room for their equipment and less fuss with cords. You'll be needed more than ever this year to help people power their new ways of working. Read on to learn how you, the electrician, can help your clients power their spaces in 2021 and beyond. **See what's available; featured products provided by GESCAN. [New Ways of Working - Powering Spaces in 2021](#)**



Provincial Board Update

A Board meeting was held on Friday, December 4th. In attendance via zoom or in person were Provincial President Tim Brundage; Terry Barnett; Jason Bradshaw, PEC; Russell Daw, PEC; Joe Davis; Eric Fadden, PEC; Tim Fehr; Edgar Garcia; Dave Hagen; Brian Halina; Scott Hutton; Jason Kuziw; Lou Hiemer, PEC; Cody MacInnis; Andrew McGuire; Terry Milot; Neil Moffatt; Darcy Teichroeb, PEC; Susan Rockwood; Hans Tiedemann; Keith Urlacher; Darrell Warholik, and Sheri McLean (Recording Secretary). Meeting began with a facilitated discussion on Vision, Mission, Environmental Scanning led by Carmen Wyton.

Agenda items included discussion on Board diversity. The Nominations Committee will be asked to select individuals who meet diversity that may be approached now and mentored for future positions (Board, Chapter, committee). Motion to proceed with CoP presentations for next six months. First one is scheduled for Wednesday, January 27th from 7:30 – 9:30 am.

Correspondence included a response from Minister Copping indicating POARA legislation (*Bill 48*) is currently being reviewed; therefore, the request to include PM Elec designation in the PEC&ME Regulation has been put on hold. Meeting will be requested with Executive Director, Workplace Evidence, Engagement and Strategic Policy as suggested by the Minister. Other items included concern from CECA regarding prequalification tools; prompt payment update from Minister Glubish (letter published in the Contactor); as well as a code concern from a contractor member.

October financials reviewed and 2021 budget approved. ECAA continues to apply for wage and rent subsidies. Chapter and committee chairs were asked to keep holding the line on expenses. November and December investments continued to show an increase.

Membership applications were approved for Jack Wearmouth, retired; Mack Jordan, Journey person; St. Croix Electric (Fort McMurray) for regular membership. New PEC's approved were Cameron Abbott, Dilbag Dhaliwal, John Mathews, David Hicks, Adrian Mohammed and Andrew Gardner. Welcome to the new members and congratulations to the PEC's.

Chapter and Committee reports were presented (all included in the December Contactor). Meeting adjourned at 12:27 pm. Next Board meeting is scheduled for Thursday, March 18th.



ECAA 2021 Out of Country Convention October 13th - 29th, 2021.
Few spots still available.

Registration

Link: https://forms.logiforms.com/formdata/user_forms/81634_4874682/383216/page1.html?cachebuster=728

Any questions? Please contact Sheri McLean (smclean@ecaa.ab.ca) or Rick MacSwain (RMacSwain@NetworkTravel.ca)

New Members

Welcome new Members!

Journeyperson Associate Members: Mack Jordan (Calgary); Sheldon Kremlicka (Sherwood Park) and Craig Raypold (Edmonton)

Contractor Member: St. Croix Electric (Fort McMurray)

Retired: Jack Wearmouth, PEC (Retired)

PEC News

Congratulations on obtaining your designation as a Professional Electrical Contractor (PEC)!

Cameron Abbott, PEC
Dilbag Dhaliwal, PEC
John Mathews, PEC
David Hicks, PEC
Adrian Mohammed, PEC
Andrew Gardner, PEC

Local Chapter Activity

CALGARY CHAPTER The first Chapter meeting of 2021 will be held on **Thursday January 14th.**
Networking 4:30 pm, presentations and meeting 5:00 pm.

Updates from Sunlife Insurance regarding the ECAA Enhanced Benefits Plan and presentations by Texcan and Federated Insurance.

Register in advance for this meeting:

<https://us02web.zoom.us/meeting/register/tZUqcumhrzsJGtG1zBEm4mKVcVbos5G8-vZ5>

CALGARY CHAPTER - Food Bank Drive

A special thank you to all of our members in the Calgary Chapter who helped raise \$6,245 and donated over 800 lbs of food for the local food bank! Your generosity and support is one of the many reasons we are proud of our members and their continued commitment to support their communities! Thank you everyone.

EDMONTON CHAPTER The next Chapter meeting will be held on **Monday, January 18th at 4:00 pm.** Networking open at 3:30 pm with meeting to follow at 4:00 pm.

Epcor, the City of Edmonton and Inspections Group have once again been invited to comment on questions and concerns submitted in a survey sent out to the Chapter in November.

Register in advance for this meeting:

<https://us02web.zoom.us/meeting/register/tZcrd--urDMrE9cFgYs8w-qNNnN6TQtUSnH>

EDMONTON CHAPTER - Food Bank Drive

Another special thank you to all of our members in the Edmonton Chapter who helped raise \$10340.00 and 100lbs of food for the local food bank! Your generosity and support is one of the many reasons we are proud of our members and their continued commitment to support their communities! Thank you everyone.

FORT McMURRAY CHAPTER meeting will be held on **Tuesday, January 12th.** Due to AHS Restrictions, this meeting will be by zoom video only. **Networking open at 5:30 pm and meeting and presentations to follow at 6:00 pm.**

Register in advance for this meeting:

<https://us02web.zoom.us/meeting/register/tZludu6upzkoHdA7u1Zf8eeCsSuUKWrbORdG>

LETHBRIDGE CHAPTER meeting scheduled for **Tuesday, January 27th.** Meeting format to be confirmed as will follow AHS guidelines.

Next Issue of The Spark will go out Friday, February 5th, 2021



Contact Us

If you are an ECAA Contractor or Associate member and would like us to help promote and industry or company event please contact us directly ecaa@ecaa.ab.ca

We value your feedback and its important to us. Please submit any comments to smclean@ecaa.ab.ca

Electrical Contractors Association of Alberta
ecaa.ab.ca

