



Prairie Chapter

Prairie Chapter AGM Meeting & Technical presentations by virtual platform, 1-4pm Thursday June 10, 2021

Business meeting via Zoom with 27 attendees obtaining credits towards recertification: Greg Poirier, Ken Keith, Tracy Duncan, Michael McCullagh, Gurwinder Bhambra, Anthony Oko, Scott Lylander, Andrew Ali, David Lévesque, Eldon Graham, Jeff Down, Josh Hodge, Mark Shoup, Maxime Quesnel, Mike Bonga, Randy Mockerman, Ryan Goddard, Sean Miller, Stanley Wolczyk, Stephane Pastor, Young You, Jordan Brooks, Bernie Pringle, Darren Desaulniers, Mike Greer, Rob Rolfe and Stephen Wilson.

Meeting called to Order by Chapter President Greg Poirier

Welcome everyone to this virtual CMVA event and thank you all for your participation.

Last business only Meeting Minutes of October 15, 2020 read by Secretary South Scott Lylander. Greg made a motion to accept the minutes as read. Ryan seconded. Carried.

Membership Report: Presented by Mark Shoup (see document)

With ongoing world events, as of June, the Prairie Chapter has 68 members and National has 407 members with many more in the process. Also showed Atlantic 119, BC 30, Ontario 85 and Quebec 105. Membership reminders have been sent out. Clear login instructions for membership to renew and join are online at www.cmva.com Thank you for joining, updating your membership and inviting new members! Motion to accept the Membership report by Greg and Anthony seconded, carried.

Treasurer's Report read by Greg on behalf of Jacob Wiebenga:

Starting balance on January 2021 was C\$15,055.69. Each month there is an account fee of C\$ 3.75. Awaiting the 2020 year Prairie Chapter Membership Rebate from National as we sent in the signed 2020 yearend report on Feb 23, 2021. There were no other expenses to date. The balance as of June 04, 2021 is \$ 15,036.94.

Gurwinder made a motion to accept the Treasurer's Report. Ryan seconded. Carried.

CMVA Prairie Chapter William F. Eckert Memorial \$1000 Bursary policy & applications available on CMVA Website and are planned for Prairie educational institutions websites offering education programs in this field.

Election of chapter executives: names standing for this election:

Mentor: Greg Poirier

President: Gurwinder Bhambra

Vice President: Ryan Goddard

Treasurer: Jacob Wiebenga

Technical Director: Scott Lylander

Secretary North: Greg Poirier

Secretary South: Scott Lylander

Membership Chair: Mark Shoup



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Gurwinder Bhambra, Ryan Goddard and Scott Lylander presented introductions, industry involments and looking forward to participating in the association further.

Anthony Oko made a motion to accept the executive team as listed; Randy Mockerman seconded and carried by all.

Congratulations to all Prairie Chapter Executives. The membership thanks you for stepping forward and helping your CMVA community in these rewarding executive positions to the field we have chosen as our professions.

We have three **National Board Directors** representing the Prairie Chapter. Lloyd Appelt who is also National Chairman of the ISO Committee. Jeff Down and Scott Lylander are also on the National Technical Committee.

National Update by Ken Keith. The **2021** National AGM, Tradeshow & Technical Training Conference by Zoom in four half day session Oct 19,21,26,28 done by Chapters. Scott Lylander and John French are organizing the Prairie/BC half day session.

2022 in Person hosted in Niagara Falls by the Ontario Chapter and 2023 by BC Chapter. Details at www.cmva.com. Certification exams available.

Previous Business:

- Mark Shoup suggested “Tradeshow, Training Conference” is a better title than “Annual Technical Meeting” as the former demonstrates employee competency development for employers. Recognized and completed
- Presenter framed CMVA Thank You certificates or gifts are in Edmonton with Jacob and in Calgary professor Sun to Scott or Gurwinder.
- Greg & Scott almost completed contact list for more possible educational sites in our region to encourage Prairie students to view the \$1000 CMVA Prairie Chapter William F. Eckert Memorial Bursary on their websites. Ken Keith putting it on the CMVA website.
- Greg suggested that an official CMVA Power Point should also be on School websites. Got great help from Jesse Lapaire & Ken Keith on a National Power Point in progress.
- Reminder that Chapter covers a guest speaker per meeting (0 to \$1000).

New Business:

Ken Keith answered in response to Gurwinder’s queries...

1. What we do (membership committee) as a current stage to improve our membership number?
CMVA has been focusing on membership retention and adding as much value as possible to membership as resources will allow. This is a positive thing but does not generate a lot of new interest.
2. Which Audience (at what level) in the Industry we are targeting?
Our audience is broadly spread around the reliability side of industry. It includes users, vendors, and trainers. Anyone that falls within our field of interests, or benefits from/contributes to, our mission is welcome.

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Our Fields of interest:

-The CMVA fields of interest include machinery dynamics and all aspects of condition monitoring and predictive maintenance of machinery, especially vibration monitoring and analysis.

Our Mission:

-Encourage the development and application of Canadian and international standards of practice for the fields of interest and for personnel certification.

-Encourage the development and application of the fields of interest through presentations, discussions, publications, courses of instruction, personnel certification or other means.

-Gather and share information relating to the fields of interest which are useful to the individual and beneficial to the general public.

-Advance scientific, engineering, and technical knowledge in the fields of interest.

3. How we promote CMVA?

At the moment, any promotion is done internally. This needs to change. The public information project that Greg is working on is a good start on external promotion. The intent here is to present to students and industry.

4. Any future agenda for CMVA Marketing or Training?

This is an open topic:

-We have approval from the board of directors to promote at other engineering based conferences, but do not have a team to put this in action.

-It is obvious from the above comments that CMVA needs a group that is willing to focus on these items. This could be part of the membership committee, but not necessarily.

Also Gurwinder inquired about approved trainer logos? Ken sent CMVA_APP_TRAINER_KIT to approved trainers.

Scott asked about the new certified analyst signature images?

Ken answered that they are now being sent out. These come to you in two formats: One is in color to be used in items where it is unlikely to be copied in black & white and to be included in your email signature. The second format in black & white is intended for items that are likely to be photocopied such as reports, or if your employer prefers that the color of your signature tag, does not interfere with their logo. Remember that you are the only person who may use this image on any communication or document you would be signing. Also remember to use with discernment this reflection of your certification. We also remind you that it should not be distorted, recolored or altered in any way, but should be used as is. You can use it only if your certificate is valid. When renewing it, you will receive a new image with the new certificate number if applicable. If you have not received yours yet, contact Ken Keith.

Next Prairie Chapter Meeting & Technical Training Event: Thursday Sep 23, 2021 from Calgary likelihood virtual format with Zoom.

Hoping for in person Calgary event Thursday March 17, 2022 & skiing Banff the 18th.

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Technical Session: Introductions by Technical Director Scott Lylander P. Tech. (Eng)

2pm- Greg Poirier presenting an official CMVA Power Point anyone can present at educational institutions and businesses. Can be on their websites for awareness and assist in membership participation. It is a work in process until association BOD acceptance before making it available on websites.

2:30-2:45- Break

2:45- Migration of Wireless Vibration Devices into Traditional Condition Monitoring Programs by Mike Greer.

Historical condition monitoring programs primarily rely on the manual periodic collection and analysis of interval based information. Automation of acquisition, reduction in device costs have seen widespread utilization of wireless technologies that include vibration in both process and maintenance applications. Leveraging previous investments can improve integration efficiency and reduce implementation costs with parameter and alarm management strategies.

This paper will review considerations and lessons learned when implementing large scale adoption of Wireless Vibration devices on Balance of Plant rotating Equipment. Investigation onto the challenges of security, process integration parameter selection and alarm management and storage strategies will be explored, utilizing recent case studies.

Digital transformation is here to stay, existing collection methods of vibration information are being augmented or replaced with automated solutions, and modifying work processes and reliability strategies. Dynamic Machine Learning and AI applications require Realtime information not available in monthly periodic collection intervals, the role of vibration collection and analysis to identify machine condition has advanced to a dynamic contributor to the evaluation of production risk.

The Presenter:

Mike Greer P. Eng CMMS has been involved with the creation support and utilization of 140+ Vibration Based Condition Monitoring Programs since 1991. From data collection manual and automated analysis, program management, he brings a unique perspective to an industry function that has been currently evolving from industry beginnings. Currently part of Spartan Controls Reliability Solutions Team, he has for the last 10 years been integrating 1st and 2nd Generation Wireless Vibration into most major condition monitoring departments in Western Canada.

4-5pm Eleven people stayed for a fun & interesting social virtual gathering following this event.

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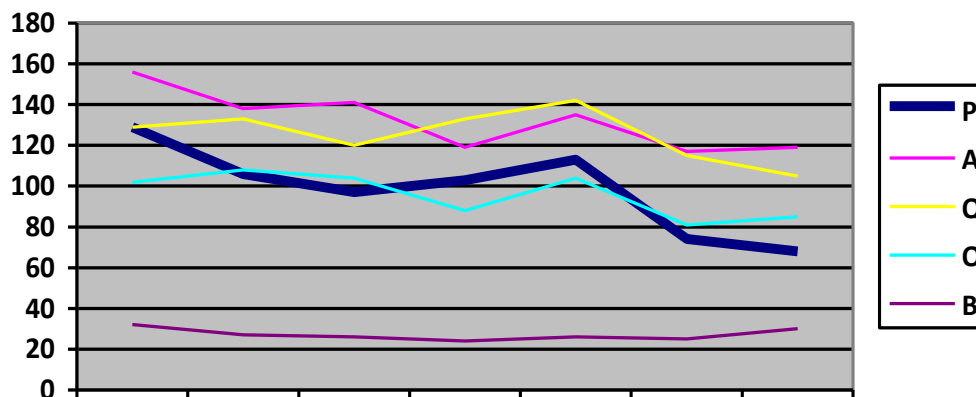
Membership Report:

Membership Chair: Mark Shoup

Prairie Chapter membership numbers to June 2021.

Member Count

Region/Chapter	Count
National	407
Prairie	68
Atlantic	119
British Columbia	30
Ontario	85
Quebec	105



Recent Activities

Payment reminder emails sent to all members who have not paid for membership.

New Members

Login instructions for membership to renew and join are online at www.cmva.com

Membership Fees

INDIVIDUAL MEMBERSHIP

- Standard 1 year \$120
- Standard 2 years \$230
- Standard 3 years \$340
- Retired \$50
- Student* \$20
- Students cannot vote in meetings.

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CORPORATE MEMBERSHIP

- Standard 1 year (first 5 members) \$750
- Each additional member \$90
- Standard 2 years (first 5 members) \$1450
- Each additional member \$180
- Standard 3 years (first 5 members) \$2150
- Each additional member \$270
 - Membership year is January 1st to December 31st.
 - Memberships purchased in October are for the following year.
 - Multiple year memberships are available. A discount applies, but mostly, they allow you to reduce your paperwork and avoid potential price increases.

Recruitment Activities

Ideas:

- Guest Lecturer at post-secondary institutes
- Career Fairs
- Table at Trade Fairs
- Encourage membership at Prairie Chapter meetings by opening meeting to non-members.

Greg mentioned a recruitment power point – perhaps post-secondary institute instructors to present power point.