



Minutes of CMVA BC Chapter Meeting

July 17th 2018

Sandman Vancouver Airport, Richmond

Also Via Zoom Video Conference

0900 AM PST- Colin Ostergard called the meeting to order.

Agenda was presented on the Zoom video conference broadcast to all attendees.

Introductions: The participants of the meeting introduced themselves to the meeting and gave a brief introduction of themselves.

National and AGM Update:

The minutes of the June 11th 2018 BOD meeting will be uploaded to the website once it is completed. In the interim, a copy of the minutes will be sent to all the BC chapter members.

2018 National Conference and AGM – The dates for this year’s conference will be October 25-27 2018 in Quebec City.

BC Chapter Financial report – The latest financial report was presented by Frank Muhle. There were no activities within the chapter during 2017 so the only activity in the bank account was the bank services charges. As of 16 Jul 2018 there was \$7971.41 in the chapter bank account. The National rebate for 2017 had not yet been received. Frank will contact the CMVA executive Director to update the BC chapter financial statement.

BC Chapter Executive – During the last meeting, the chapter was informed that the long standing BC chapter president Stephen Richard, due to family and work commitments, no longer had time to devote to the chapter. It was decided at that time that there would be an election during the July meeting to vote in a new chapter executive. The chapter would like to thank Stephen for his dedication and the time he spent as the chapter president.



The following members volunteered and were voted into the following positions:

- President – Colin Ostergard
- V. President – John French
- Treasurer – Frank Muhle (Frank has agreed to stay on as the treasurer)
- Secretary – Vacant – Duties will be handled by the president and v. president until a suitable candidate is found.
- Membership Chair – Ted Pater.

Technical Presentations

ODS/Modal and FEA Analysis- The importance of quality data to diagnose a Problem

The first presentation was given by Chris Roberts of Acuren. This presentation was a case study using several technics such as transient data, spectral analysis, Operational Deflection Shape, frequency response testing, modal analysis, structural dynamic modeling and finite element analysis to solve a resonance problem on a product elevator system. Chris also emphasized the importance of checking and verifying the accuracy and quality of the data to ensure that the correct analysis was being carried out.

Review of Sam Pickens Book – Vibration Troubleshooting Field Guide – CD Book

The second presentation was a review of the CD book by Sam Pickens given by John French. The book is a guide to vibration troubleshooting in the field which covers all the different types of vibration problems and characteristics as well as detailed step by step analysis techniques used to solve the vibration problems. John went through the CD book and highlighted the various analysis techniques and processes to solve problems. The review was well received by the attendees, and developed into several discussions on troubleshooting techniques and problem solving.

Lunch was provided for the attendees by the BC chapter

Mini Course – Basics on Laser Alignment and Practical Demo and discuss new Laser Alignment Certification

The next presentation was given by Ted Pater which covered the theory and practical application of Laser alignment. During the discussion Ted also demonstrated laser alignment with an alignment kit and alignment trainer. Ted also



discussed the new ISO standard for laser alignment and the process which several organizations are undergoing to develop a laser alignment certification.

A special thanks goes to John Lambert of Benchmark PDM for providing the EasyLaser System for the demo.

Ted then provided a demonstration on the new TPI Smart meter (handheld data collector) which generated a good discussion on what types of instruments are required for different levels of vibration programs in the field.

Door Prize Draw – The draw for Sam Pickens CD book - **Vibration Troubleshooting Field Guide** was won by Bernie Pringle

Next meeting - TBA but will be in the upper half of BC

Closing remarks were given by John French thanking all the attendees

Meeting Adjourned at 4:00 PM PST