

September 22, 2006

CMVA, BC. Chapter Meeting Minutes

Held at 7-172 Bentley Centre, UNBC, Prince George BC.
September 22, 2006.

Attendees: Stephen Richard, Frank Muhle, Bernie Pringle, Arend Van De Vosse, Harold Tomlin, Troy Watts, David Hlavacek, Dennis Otwom, Bryan Mankowske, John Roberts, Cameron Jansen, Rick Sevigny, Marion Klepsch, Mike Todd, Shane Ridley, Kevin Marban, Bill Tomlinson, Brian Roy, Doug Bosma, Ronie Voigt, Cam Chower.

Meeting convened at 9:35am.

Introduction by Stephen Richard and a brief outline of the CMVA and its functions. B. Pringle to attend the national conference in October, input to Bernie prior to his departure is welcome.

Troy Watts presentation on Arbor Saw Bearing protection in a Sawmill. On line system installed to take readings at 8 minute intervals, data is logged to an HMI. Millwrights use the vibration information after a rebuild to check alignment.

Cost of installation was approx. \$500.00/ point.

Harold Tomlin of BTA presentation on oil analysis and its place in reliability centered maintenance. A brief outline of oil analysis and Vibration analysis being used concurrently by his company to offer greater reliability in BTA's condition monitoring package.

Arend Van de Vosse presentation on infra red scanning being applied on a broader scale than just electrical surveys. Kiln IR scan case study, an outfall leakage case study, as well as main outfall effluent path within a river were presented. A short discussion on the desirable aspects of open platform technologies and the need for the ability to examine more than one analysis tool at a time was facilitated.

Bernie Pringle presentation on the six steps to success of a reliability based maintenance program. A discussion on vibration analysis success and failure within an organization from an internal and external view.

- Understand your real purpose
 - identify an ROI

- Accept that this is a tool which will help you achieve your goals, if it is carried out correctly.
- Understand enough about vibration to make appropriate decisions.
- Use the information to make decisions and act.
- Provide realistic feedback and impact assessment.
- Don't Stop.

Stephen Richard and Dennis Otworm presentation on reliability case studies. NaOH washer case study where early indicators were used to consider appropriate shutdown timeframe for repair. IR inspections of recovery boiler tube condition while in operation. The replacement of time based hydraulic motor overhauls with condition monitoring triggered overhauls. Examination of motor spectra in terms of looseness.

David Hlavacek presentation on Air Liquides' condition monitoring system and its integration into their CMMS system. An overview of Aire Liquide's reporting systems and analysis methods of the results. Emphasis on tracking program successes in order to attain needed resources and to secure ones' position as much as possible.

Business meeting:

Review of previous minutes, Frank Muhle.

A discussion on the need to use approximately \$7400.00 in funds due to the not for profit status of the CMVA BC chapter.

Proposals put forward:

Fund future meetings.

Use funds for a scholarship which could be applied for by a short paper being written by the applicant regarding various applications of vibration analysis.

Sponsor an introductory vibration course to millwrights etc. and have it tied to a meeting.

Sponsor category testing.

Proposal for an advertising campaign for the CMVA targeting appropriate industries.

Motion by F. Muhle, seconded by B. Mankowske to sponsor a 4 day Category 1 course in Kamloops in March 2007 and have it tied to the next BC chapter of the CMVA meeting which is scheduled for the same month and location.

Motion Carried

Discussion on vibration analysis presentations at post secondary education institutions. Decided that Bernie Pringle will contact BCIT in this regard and Stephen Richard will contact the College of New Caledonia in Prince George in this regard as well. Reports on the reception of such a presentation to be made at the March 2007 meeting.

Discussion on the focus of the CMVA being too narrow and perhaps this topic should be brought up at the national convention. Agreed that within the national group our focus is correct and that we should continue to welcome the other analysis tool groups to the BC chapter meetings as we are currently doing.

Background information was presented as to the development of the CMVA testing and its alignment with the ISO standards.

Elections:

President of the BC chapter	Stephen Richard
Vice President	David Hlavacek
Secretary	Bryan Mankowske
Treasurer	Frank Muhle

Next meeting to be held in Kamloops BC. In March of 2007 no specific day set.

Adjourned 3:22pm.