



**WPAC Safety Committee  
January 08, 2020 Conference Call  
Minutes & Action Items**

Recorded by Cherie Whelan

**Attendees:**

Chris	Cloney	Dust Safety Science
Corey	Gardner	Tolko Industries
Daryl	Davidson	Pacific BioEnergy
Fahimeh	Yazdanpanah	UBC -Biomass and Bioenergy Research Group
Frank	Wall	Premium Pellet Ltd.
Jeff	Mycroft	Fike Canada Inc.
Jimmy	Boudreau	Canfor
Miles	Wright	Great Northern Timber
Robert	Boyd	Shaw Resources
Scott	Bax	Pinnacle Renewable Energy
Shahab	Sokhansanj	UBC -Biomass and Bioenergy Research Group
Sheldon	Wheeler	Canfor
Laternus	Bill	BC Forest Safety Council
Cherie	Whelan	BC Forest Safety Council

**Call to Order & Introduction**

Scott Bax called the meeting to order at 11:05am

**Approval of the Minutes of Previous Meeting**

The minutes of the December 11th, 2019 meeting are approved.

**Approval of the Agenda**

The agenda is approved.

**Discussion of Action Items from previous meeting**

**1. Process Safety Management –**

- **Previous action item:** Fahimeh to circulate Bowties from workshop to participants & committee members-**COMPLETED** Fahimeh posted on WPAC workshop, and will circulate to all members.

- **Previous action item** Gord, Fahimeh, Cherie – Work closer with BCFSC to facilitate and assist with site specific Bowties, more Bowtie training, WSBC provide funding for the training (no cost for operations). Cherie Whelan (BCFSC) met with Gordon Harkness (WSBC) about providing training for BCFSC staff to be Bowtie facilitators. **ACTION**: Plan for training in Q1 and then BCFSC will work with WPAC to coordinate rollout activities to commence in Q2.
- 2. **HCI Monitoring and Alarm Systems** –Carryover-Fahimeh talked to Jenny Colman the seminar in April 15 or 16, 2020 in Prince George and wanted to discuss with committee before confirming dates. Group agreed that April would be better. **ACTION** Fahimeh will start coordinating for HCI Monitoring and Alarm system seminar for potential dates of April 15 or 16, 2020 to be held in Prince George.
- 3. **Plant Operator Training**- Bring forward update for next meeting **ACTIONS**: (1) Dustin and Steve are to review gaps in competency requirements; (2) Steve/Dustin will distribute draft competencies once they are ready. UPDATE: Waiting on feedback from Steve Mueller to send to Greg Shorland. Action item to remain open and update will be provided at next meeting.
- 4. **Combustible Gas & Confined Space Workshop**- To look at different options for developing/delivering the content to WPAC members. Discussed “whiteboard” type training. **Previous action item** Fahimeh – will continue to work on whiteboard training, BCFSC to assist, share outline with safety committee before production of whiteboard (to be added to webpage when completed) **ACTION**: Meeting planned for week of January 08<sup>th</sup> with BCFSC Training Manager, Cherie and Fahimeh to develop plan for training requirements to support 2020 workplan deliverable.
- 5. **Available Nitrogen Initiative. Previous action item**: Fahimeh – still pursuing options as the 2 solutions so far have out of sight costs, silos designs need additional engineering to make the nitrogen systems work effectively. Update; Proposal sent to WSBC on December 20<sup>th</sup> and waiting on feedback. Will start working right now. Look at starting work before proposal. Looking at \$10-15k for HSA funding to start work. Committee supports the work. If the proposal is accepted, the HSA would be refunded. Comment that there needs to be an initial emphasis on the engineering side. The proposal had some of the engineering requirements. Group agreed to proceed. **ACTION**: BCFSC to work with Fahimeh to arrange funding to commence nitrogen systems work.
- 6. **June 10<sup>th</sup> Safety meeting: Previous action item**: Meeting will not be held as Wood Products Safety Summit will be on June 9. **UPDATE**: Meeting has been cancelled.
- 7. **WSBC Call for Research Proposals: ACTION**: Potential projects for WPAC – nitrogen initiative, off gassing Update; proposals were sent December 20

## Review 2020 Work Plan

Fahiemah provided an update on the 2020 workplan development that was sent to committee at end of year. 2020 Workplan was developed based on committee input and meeting with WSBC in November 2019. Some items carried over from 2019.

Member asked about bowtie software suggestions, and Scott Bax said that Pinnacle is using a free Excel template and will share if anyone wants it.

Curtis Weber suggested for conference speaker by Pinnacle. Committee approved selection. **ACTION** Fahimeh to reach out to secure Curtis Weber for the conference.

**ACTION-** Fahimeh will add piece about review of engineering requirements and update the completion of bowtie implementation for end of October, 2020 and will resend revised workplan.

Committee approved workplan with the changes in above action.

## Review WorkSafeBC Research grant proposals

Fahimeh provided update on two letters of intent that were submitted to WorkSafeBC for their 2020 Innovation at Work Grants program:

1. Developing an Effective Emergency Response for Wood Pellet Industry in Case of Self-heating and Silo Fire (attached whelan1\_LOI.pdf)
2. Development of ISO Standards on Solid Biofuels' Safe Storage and Handling to Minimize Occupational Health Risk (attached whelan2\_LOI.pdf)

ShahabSokhansanj UBC -Biomass and Bioenergy Research Group provided an update on work UBC is looking at:

1. causes of fires in rotary drum fires, and
2. does moisture in air have adverse effect on self heating?
  - a. He indicated that UBC has new equipment to manipulate air moisture that will help with this project.

## Safety share-

Cory Gardiner provided some information on new technology for containing dust. He said he was impressed with the technology. Only concern was that currently only available for grain, but is looking at wood products as potential market.

**ACTION:** Cherie to include in minutes and send out brochure that Corey provided.

## Volunteer for next Safety Share:

Greg Rye has already volunteered February, 2020 safety share.

## Next Meeting

WPAC Safety Committee Meeting Minutes

Scheduled for Wednesday, February, 12th, 2020 at 11:00 a.m. Pacific Time.

**Other business:**

Member commented that WorkSafeBC asking for bowties on other processes now.

BCFSC has new resource to support safety at worksites. Link here to sign up for weekly distribution:

<http://www.bcforestsafe.org/node/3420>

11:54 meeting ended

Action Items from meeting

Meeting Date	Action Item	Accountable
Jan-20	Plan for Bowtie facilitator training in Q1 and then BCFSC will work with WPAC to coordinate rollout activities to commence in Q2	BCFSC
Jan-20	Fahimeh will start coordinating for HCI Monitoring and Alarm system seminar for potential dates of April 13-15, 2020 to be held in Prince George.	Fahimeh
Jan-20	Carryover: Plant Operator Training: Dustin and Steve are to review gaps in competency requirements; (2) Steve/Dustin will distribute draft competencies once they are ready	Dustin and Steve Mueller
Jan-20	Meeting planned for week of January 08th with BCFSC Training Manager, Cherie and Fahimeh to develop plan for training requirements to support 2020 workplan deliverable.	Cherie and Fahimeh
Jan-20	BCFSC to work with Fahimeh to arrange funding to commence nitrogen systems work.	Cherie and Fahimeh
Jan-20	Fahimeh to reach out to secure Curtis Weber for the conference.	Fahimeh
Jan-20	Fahimeh will add piece about review of engineering requirements and update the completion of bowtie implementation for end of October, 2020 and will resend revised 2020 workplan.	Fahimeh
Jan-20	Cherie to include brochure on dust containment provided by Corey Gardiner in Safety Share with minutes for meeting	Cherie