



## Meeting Notes

Process Safety Management Division Meeting Oct 26, 2017, 10:00 – 5:00

Teleconference details: 1-888-289-4573 (or Toronto 416-645-1179); Access code: 8092413

### Introductions and Welcome

- Round table
- Recognition of Service of current executive
- Recognition of award winner – Paul Amyotte  
The past chair reminds people to select award candidates, there is a nominating committee of the past award winners  
There hasn't been a fellow of the division for a few years, we should nominate someone for this years. The people who can nominate should do so. There should be a pool of nominees to select from
- Introduction of the new executive committee – see below
- Regulatory, environment and CAP liaison are currently empty

**Action:** Roland will be asking Environment Canada to present a liaison

Recognition and thanks for service: Roland Andersson

Intro of the new CIC Executive Director: Ian Jobe

### Review and approval of minutes from June

Motion and approved minutes, passed



PSMD\_Meeting  
Minutes\_June\_8\_201

### PSLM Symposium Debrief, Discussion of Successes and Lessons Learned



CSCHE 2017 PSLM  
Conference Update.

- Attendance/engagement
  - How do we get better student engagement? Should we have a PSM poster award? There is overlap with the environment technical sessions. The workshop that was put together last year brought students into the symposium



- The Minerva case study this year was cancelled due to only two submissions being sent this year. The thought is that because there is not a formal process safety discipline in Canada this is an obstacle. The timing may be an issue as well.

**Action:** Adrian Pierorazio and Graeme Norval to work with the Minerva contact (Tony) to plan for next year's conference contest.

**Motion:** We could make this conference Canada's only PSM conference/symposium in partnership with CIAC. Approach other divisions to plan this for 2019, motion approved

**Action:** Francois Roche to contact Gilles Laurin, CIAC

**Action:** Melanie to send the conference planning guideline to Lianne for updating

### Identification of Symposium Planning Team for 2018

- Adrian Pierorazio and Marcello Oliverio will plan and chair for 2018, planners for 2019 need to be identified
- 2019 is in Halifax, 2020 is Ottawa, 2021 is Montreal
- Suggestions for keynote; Vanessa Sutherland (Chair of the US Chemical Safety Board); Joy Romero (CNRL)

### Symposium Student Workshop Development Update

60 attendees last year with a pre sign up, held on Monday

Only 8 attendees this year, there wasn't a pre sign up, held on Sunday at noon concurrent with the career development keynote.

Students weren't aware of process safety

There was some glitches this year with the online schedules and the poster schedules.

It would be helpful to have some of the CSChE PSM members available at the workshop to answer student questions.

### Risk Assessment Guideline Update



QRA Guideline  
development preser

### Other updates

1. We started work on the Appendix session with the University of Alberta students who completed the Hazard Identification piece. Adrian Pieorazio and Zaki Syed have agreed to do



the Consequence analysis piece. Andy Ridpath and Mike Moosemiller – the frequency piece. I had already written the Risk estimation piece and will transfer it to the appendix.

2. On the main body of the document. It is largely written but needs tweaking. Some stuff needs to go to the appendix. Lianne Lefsrud from UofA will write the ALARP section which got punted to this guideline from the Z767 Standard.

### E-learning at Energy Safety Canada



CSCHE 2017  
Elearning.pptx

Robert Waterhouse

Oil Sands Safety Association and Enform merger, John Rhine and Murray Elliot on executive

### Environmental Risk Committee Update



ERA Status Oct  
2017.docx



ERA Status Oct  
2017.pptx

**Action:** Check if the CSCHE Environment division is in the loop, if not, communicate this work with them.

### PSMD Communication/Networking

- *List of work activities by the CRAIM/MIACC committee members.*

**Action:** Chris to take over the work activity list from Francois

**Action:** Add process safety activity updates to the meeting agendas

- *Involvement with IChemE (Canadian journal to including PSMD content) – no update*

**Action:** Roland to follow up on this journal including PSMD content update

- *2017 MIARC English translation Fee – the federal government has cut the translation funding, the cost to translate is \$90,000.*

Motion: Is it in the mission of the CSCHE PSM Committee to take on this translation work? Yes, motion seconded, motion passed.

MIARC will put the CSCHE PSM division name on the English version

Volunteers: Guy, Gilles and Gerry; Adrian to proofread after the translation



## CSA Z767 Definitions

Complete, translation into French happening now, Morley is handing over to Francois for inclusion into the French version of CSA Z767. Time frame for completion November 2017.

## CSA Z767 Awareness/Workshop & Scheduling and Overview of process update of CSA Z767 & Overview of Developing CSA Z767 Content



PSM CSA Z767  
Update.pptx

Ongoing awareness and workshop development: there needs to be a point person to coordinate the development. This person will be Jyoti

If CSA is involved they require that this development is led by them (the Technical Committee) and will be conducted in ½ and one day sessions.

CSCHE PSM have developed the awareness training. If we work with CSA on the workshops then those workshops come to standard users from the same spot as the standard.

CSA AGM June 2018 in Edmonton, we could hold the PSM June meeting in Edmonton and align with them.

**Action:** Jyoti to follow up with Tara on planning to present a CSA 767 update

Tara's update: the contract is ready and she will send in the next week. She needs to touch base with Graeme Norval in order to set up the task force. The task force needs to be the group that develops content. Clarification – we can reference 767 in awareness training

**Action:** hold a meeting with Tara regarding setting up a seminar task force, Jyoti to set up

## Z767 Awareness Presentations - Debrief and Discussion of Successes and Lessons Learned

Guy presented on the three presentations that he has delivered so far. See below:

Presentation of PSM comparison

1. CCPS regional meeting Calgary September 26th
  - a. Mostly industry PSM people
  - b. Well received, high level of interest,
  - c. Good number of questions, and discussion within participants
  - d. Got user comments after presentation
2. Colloque de Sécurité Civil Lévis October 16th
  - a. Presented to 50 people
  - b. Good reception



- c. Good level of interest and questions
  - d. Many questions from first responders
  - e. Was talking with PSM Manager from Valero, and she spoke with head office (San Antonio), they were interested in understanding the difference between OSHA, what they follow, and CSA Z767.
3. CSCHE PSMD congress
    - a. Presented to 30-40 people mostly from industry
    - b. Had many questions and discussions between PSM leaders in the crowd
    - c. Many people came to thank me and mentioned their interest
  4. Put list of attendees in google

The slides and attendee list are in the google share drive

**Action/Motion:** Thank CRAIM for hosting the Z767 awareness presentation. Roland to send the thank you letter template to Jyoti. Motion carried

### **CSA Z767 Audit and Guidelines Update & Z767 Certification and Process Safety Courses**

CSCHE and Risk Assessment Audit Guideline – no update this meeting

Z767 Certification – what does this look like? It's likely a function that CSA will offer. We need to discuss this with CSA. Maybe CIAC and other organizations could verify/audit to CSA Z767.

### **Other Business**

**Petromont Procedures** – Petromont is looking for a responsibility agreement. We would want to have a disclaimer. We should set up a separate folder on the website called references.

The CSCHE PSM division can take these standards and rewrite/make them generic to be a product of the division.

**Action:** Francois to forward the procedures to Roland

**Process Safety Course offerings** – we haven't offered courses since Brian Kelley was offering them. We think process safety awareness courses can evolve through the work being done for 767 training development.

**Action:** Roland to contact Norm Nibber regarding the U of A course already developed. Brian Kelley needs to be contacted if his material is being used.

**Documentation Sharing** – Penny has set up some sharing sites for documentation that is being worked on. Let Penny know if you would like access.

**Action:** Melanie to put together an active project list with contacts

**CSA Z663 Land Use Planning for Pipelines** - this document no longer references Z767, it states that the pipeline companies need set their own setbacks.



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**Action:** Adrian to send out a notice when this standard goes for review, Adrian to draft a letter to be circulated to the Division members. Include the status of Z767 in the letter.

**Next Meeting** – Feb 6 2018: Enbridge, 500 Consumers Road, Toronto, ON



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### **Executive Committee (2018)**

Jyoti Patel, Chair

Francois Roche, Vice-Chair, Air Liquide

Graeme Norval, Treasurer, University of Toronto

Melanie Wilson, Secretary, TransCanada

Graham Creedy, Program Coordinator, Creedy Associates

Richard Piette, CSChE Director, Suncor Energy

JanWindhorst, International Relations, WEC Inc.

Graeme Norval, Academic Liaison, University of Toronto

Adrian Pierorazio, Liaison, Canadian Propane Association (CPA)

Gilles Laurin, Liaison, Chemical Industry Association of Canada (CIAC)

Empty, Liaison, Canadian Association of Petroleum Producers (CAPP)

Morley Brownstein, Liaison, Canadian Society for Chemistry (CSC)

Empty, Regulatory Liaison

Empty, Environment Liaison

Empty, Québec Liaison

Brian Kohler, Labour Liaison, IndustriAll Global Union

Empty, Québec Liaison

Manny Marta, Member at Large, Eastern Canada Gerry Phillips, Member at Large, Western Canada

Melanie Wilson, Liaison, Canadian Energy Pipeline Association (CEPA)

Ian Jobe, CSChE/CIC Executive Director, Canadian Society for Chemical Engineering (CSChE)