



MINUTES OF THE

THIRD PLUMBING SUB-COUNCIL MEETING OF 2018

DATE: September 18, 2018

TIME: 9:00 a.m. – 3:21 p.m.

LOCATION: Safety Codes Council Office

PRESENT: Sub-Council Members
David Hughes, Chair
David Dallaire
Mark Harrold, Vice Chair
Peter Koenig
Tim Kosolofski
Quenton Kusiek
Ken Morrison
Angus Potskin
Ray Veldhoen

Safety Codes Council
Susan Rossmann, Allison Karch, Michael Lalonde

Alberta Municipal Affairs
Sidney Manning, Dean Morin, Claude Valliere, Bohdan Yard

REGRETS: Stephen Dussault
Gilles Petrin

GUESTS: Refrigeration Industry Promotion Committee for Presentation: Mark Ohe, Co-Chair;
Brian Hearn, Co-Chair; Don Smith, Daryl Canning, Robb Stoddard, Industry Director;
and Mike Harper (via conference call)
Charles Hallett, AOWMA

RECORDER: Sandi Orr

2018 MEETINGS: December 4

Prior to the start of the meeting, a tour of the Council's new office was provided. Safety and evacuation procedures were explained.

1. Meeting Opening

The Chair called the meeting to order at 9:15 a.m. and a round table introduction was held.

1.1. Agenda Adoption

The following item was added to the agenda:

- 2.3 Appointment of Representative for the Education & Training Industry Segment

Mark Harrold / Ray Veldhoen moved to adopt the agenda, as amended, with a flexible order of business; CARRIED

1.2. Adoption of May 22, 2018 Minutes

The draft minutes were included in the portal and reviewed.

Peter Koenig / Ray Veldhoen moved to approve the May 22, 2018 meeting minutes, as circulated; CARRIED

2. Matters for Decision

2.1. Volunteer Needed: SCO Continuing Education Working Group

A brief overview was provided of the purpose of the working group and the need for a representative from each sub-council. With a new appointment pending from the Education and Training industry segment, this item was deferred.

2.2. Results of Letter Ballot PSC 02-18 (Plumbing Code Regulation)

The result of the letter ballot was included in the portal and reviewed.

Mark Harrold / Quenton Kusiek moved to accept the results of Letter Ballot PSC 02-18 (Plumbing Code Regulation) as information; CARRIED

2.3 Appointment of Representative for the Education & Training Industry Segment

The following nomination packages were included in the portal and reviewed:

- Gerhard Zientz (NAIT)
- Jim Jacques (NAIT)
- Paul Fullam (NAIT)

Each candidate's resume was reviewed and given due consideration.

Peter Koenig / Tim Kosolofski moved to recommend to the Board, the appointment of Paul Fullam to the Plumbing Sub-Council representing the Education and Training Industry Segment for a term until January 31, 2021, effective immediately; CARRIED

3. Review Matters Arising/Action List

	Item	Action	Date	Responsible	Status/Update
1.	PPE Failures	Share the report about failures (main cause of the failures being the velocity of water running through the pipe)	Sep 13/16	Manning / Hughes	No new failures reported, remove from action list
2.	Water Quality re. Water Reuse Alternative Solutions	Bring forward further information/documents from Alberta Health Services. UPDATE: Quarterly Project Update for Water Reuse – First education was received today. This item will be added to the portal. [Council Administration] The Administrator has a meeting next week with Alberta Health.	Jan 24/17	Manning	
		Research water quality topics (Water Safety Plans, Log Reductions, DALY)	May 22/18	Hughes, Harrold, Veldhoen, All	
		Add presentation on direct potable water reuse to the portal.	May 22/18	Manning	Completed, remove from action list
3.	Requirements for Combination Heating Systems: Dual Purpose Water Heater STANDATA	Provide updates on changes to CSA B214. UPDATE: Meeting at the end of October; CSA-B214 committee is being asked to drop the issue regarding legionella	May 2/17	Hughes	Ongoing
		Investigate a path forward for the expired STANDATA in light of any changes to CSA B214. UPDATE: Not a lot of industry feedback anymore, but would like to keep in the action list for the time being		Manning	Ongoing
4.	Low Temperature Testing	Report back from NSF relative to NSF/ANSI 40 and NSF/ANSI 350 – if there is no longer a Canadian standard, this should be addressed in NSF standards.	Dec 5/17	Morin	No update available
		Report back from CSA - if there is no longer a Canadian standard, this should be addressed in NSF standards. UPDATE: No plan to discontinue CSA B128.3	Dec 5/17	Manning	Ongoing

5.	Definition of Public vs Private Bathrooms	Provide a copy of the standard that has a different definition of public vs private than that which was defined at the AMOS 2018 Spring Meeting (private use = use by one family or an individual). UPDATE: Document from included in portal from ASHRAE. Unanimous decision at National Plumbing Meetings, public is anything other than private use. Changes are being proposed for the National Plumbing Code for clarification.	May 22/18	Kusiek	Included in portal, completed, remove from action list
6.	Removing Sewer and Water Service Restricted Certification	Provide feedback from industry on whether removing this certification would create hardship for the industry.	Jan 30/18	All / Harrold/ AMOS	Still in progress
		Work on next steps and templates	May 22/18	Manning/ Morin	Ongoing
7.	Temporary Work Camps	Provide feedback on the guidance document for TWCs Document available in the Private Sewage Working Group Folder	Jan 30/18	All	Ongoing
8.	PSDS Incident Reports	Provide feedback on the draft PSDS Incident Report Form Document available in the Private Sewage Working Group Folder	Jan 30/18	All	Remove from action list
9.	NPC 2020 Working Group	Create folder on Portal for this group.	May 22/18	Council Administration	Completed, remove from action list
10.	Updated Standards Draft STANDATA	Review the document and take it back to their nominating organization for feedback so that further discussion can be held in the fall from both the plumbing and private sewage discipline perspectives.	May 22/18	All	This item was considered closed and will be removed from action list

4. Matters for Discussion

4.1. Refrigeration Industry Presentation

Representatives from the Refrigeration Industry Promotion Committee were welcomed to the meeting and provided the following presentation.

- Group of 38 contractors; working closely with British Columbia counterparts
- Public safety and worker safety are both major concerns
- Topics for discussion included:
 - Permitting HVAC-R Work in Alberta
 - Enforcement of Safety Codes, including CSA-B52
 - Representation within the Safety Codes Council

A copy of their submission to the Plumbing Sub-Council was circulated.

It was clarified that Refrigeration and Air Conditioning Mechanic is a compulsory trade.

The group was thanked for their presentation. Industry awareness is one of the goals of the committee. Safety is the Council's mandate, but from the Plumbing Sub-Council's perspective, it was uncertain where this industry segment would best fit.

After further discussion, it was suggested that any permitting requirements should be addressed either through the Pressure Equipment Sub-Council or the Building Sub-Council. It was noted that there is HVAC representation on the Building Sub-Council and the intent is for the Refrigeration Industry Promotion Committee to present to the Building Sub-Council at an upcoming meeting. Building SCOs would be responsible for inspecting these types of systems as part of an HVAC permit. Anything relative to qualified workers would fall under AIT.

It was recognized that the systems are getting much more complex and increasingly higher pressure.

4.2. Update on Group B SCO Course Revisions

Charles Hallett and Michael Lalonde were welcomed to the meeting and provided an overview of the path forward for Group B SCO Course Revisions. The RFP was awarded to AOWMA. The Proposed Work Plan from AOWMA was including in the portal as information. The goal is to have the course material revisions completed for April 30, 2019 and brought forward for validation.

An update will be provided at the next PSDS working group meeting.

4.3. CSA Technical Meeting Participant Feedback

Mark Harrold provided feedback on the CSA Technical Meetings that were held in Edmonton in the summer, including an overview of how the CSA meetings operate, which is similar to sub-council meetings.

The Administrator reported on some of the committee meetings he has had the opportunity to participate on where there are Canadian and US joint standards committees. A brief overview was provided regarding the potential of using insurance data to assess risk. This led to a discussion regarding the insurance industry requesting homeowners to have connectors inspected, similar to what was done for Poly-B piping. It was clarified that this would be done not by an SCO but a home inspector or similar.

4.4. Report: TN-57 Integration Copper PP-R

The Proper Integration of Copper Tubing and Components with PP-R Piping Materials for Plumbing Applications report - TN-57 2018 was included in the portal as information. An overview

was provided on what is highlighted in the report. If installation is done in accordance with the code and this report, these systems should not fail. It was questioned and clarified that the report does not address water quality.

This item has been closed at the national level.

4.5. 2019 Meeting Dates

The proposed meeting dates were included in the portal. Tentative dates were set as follows:

- Tuesday, January 29
- Tuesday, April 30
- Tuesday, September 24
- Tuesday, December 3

Members were asked to provide the Council with any conflicts that could impact a large number of sub-council members by the end of September, 2018. [All]

It was questioned whether any additional meetings will be needed relative to the 2020 NPC. Although no additional meetings were anticipated, the sub-council may need to be flexible.

The 2019 meetings dates will be finalized in October, 2018. [Council Administration]

4.5.1. Meeting Start Time

Consensus was reached to retain the 9:00 a.m. start time.

4.6. NPC 2020 Working Group Report

There was nothing significant to report from the working group. If time permitting, a brief meeting will be held at the end of today's meeting. The updated 3-column has been uploaded to the portal in the NPC Working Group 2018 Meetings folder.

4.7. PSDS Working Group Report

Angus Potskin / Tim Kosolofski moved to appoint David Dallaire to the PSDS Working Group; CARRIED

It was reported that the Handbook has been finalized and available. Discussions are being held regarding the next Standard of Practice and the timing of the publishing of the Handbook. Discussions are being held that the SOP and the Handbook be combined into one document. A recommendation on a path forward has not yet come from the PSDS Working Group.

A discussion was held regarding installers on the Working Group and if that is the recommendation, there should be representation from the north and south. It was noted that

with Charles Hallett no longer on the Working Group, expertise in the work camp industry has been lost and it was suggested this be discussed by the Working Group.

4.8. Reference Standards

It was noted that if new standards are brought forward, they could be addressed under this agenda item.

4.8.1. NSF Code Development

The Private Sewage Administrator reported that he has now been invited to participate as a voting member. Members were welcomed to bring forward issues or concerns, including wastewater and water reuse.

It was questioned if there was any interest in serving on an NSF Joint Committee for Plastics and RV Plumbing Parts and if so, to let the Administrator know. [All]

4.8.2. CSA Committee on Basement Floods

It reported that the public consultation feedback was received, and this document is moving forward. Unlike most standards, the language is more like a guideline.

This particular standard will be removed from the agenda. [Council Administration]

4.8.3. ULC Standard for Backwater Valves

It was reported that the review has been completed and standby power was changed from 24 hours to 72 hours.

4.9. AMOS Report

There was nothing new to report. The next meeting is scheduled for October 19-20, 2018.

4.10. Administrators/AMA Report

A written report will be included in the portal after the meeting. [Manning]

A thorough update was provided from the CRCP and CACP meetings held in Saskatchewan. Highlights included discussions regarding:

- Other Recognized Documents (ORDs)
- Timely code adoption
- Water line sizing
- No regulatory process for water reuse except in Alberta, separate teleconference meeting will be held regarding water reuse

- Challenges include tiny houses and other buildings on wheels
- Potable vs non-potable connections

PSDS Administrator reported on the following:

- Certificate Review Committee – a few pending suspensions being reviewed
- Further dialogue on scope of designations, looking at compliance monitoring being requested from lenders and insurers, BC has a training program in place
- Looking at a certificate and training program specific to PSDS systems for temporary work camps
- Overseeing a Certification Program for over 800 people is a challenge and different avenues are being considered to manage this
- Municipal Working Group with RMA – had 2 meetings, major focus is about variances and setbacks, municipalities are struggling to see their role and pushing back
- Typically, the plumbing discipline has not seen a lot of variances, but the expectation is that this will increase with the water reuse piece
- SCOs are questioning their role in accepting variances and not stepping outside of their scope by designing
- Incident reporting – more are submitted since a guideline has been provided, this led to an overall discussion regarding incident reporting in the plumbing discipline
- Challenges with NSF Plants and the field verification process with homeowners purchasing directly
- Challenges with new technologies and monitoring
- Tank certification – inconsistencies have brought up at AMOS

A brief update was provided regarding the Plumbing Code Regulations and the paramountcy of the ABC.

4.11. Council Updates

The following report was provided:

- Effective Meetings Training – October 29, 2018
- Appeals Training – October 30, 2018
- New Member Orientation – November 20, 2018
- An overview was provided on new formatting of the action item list
- The Council Conference will be May 29-31, 2019, at the Rimrock in Banff, and any recommendations for speakers would be appreciated
- Gas is the feature discipline for the 2019 conference
- An Open House will be held in December 2018

4.12. Insulation and Hydronic Heating

The Chair provided an update on his presentation to the Building Sub-Council and the work done to move the issue forward regarding the amount of insulation being required for Hydronic Heating. A STANDATA has been drafted and will be reviewed at next week's BSC meeting. It is

hoped the STANDATA will be issued in October.

4.13. Administrator-Only Variances

A brief update was provided on municipal meetings that have been held and the pushback that is being received regarding SCOs issuing variances that were typical Administrator-only variances. A multi-discipline document is being produced and likely published by January 1, 2019. The latest draft will be available at the next meeting. It is expected that there will be another 2 municipal meetings before this is published.

4.14. Cisterns – Scope of Plumbing Code

It was reported that AMA has been questioned regarding why certification is needed for septic tanks but not for cisterns. It is being questioned how to get CSA B126 into the code so cisterns are permitted and inspected to ensure they are installed properly.

It was clarified that cisterns are out of the scope of the code and have never been regulated. The adoption of CSA B126 has been left to Alberta Health's jurisdiction. Because cisterns are not referenced in the code, it was noted that a municipality can create a bylaw.

Consensus was reached that cisterns should be addressed in the code. David Hughes, David Dallaire, Tim Kosolofski and Mark Harrold volunteered to work with AMA resources regarding this topic. [Hughes / Dallaire / Kosolofski / Harrold]

One of the areas that would need to be determined is who installs and inspects these systems. It was noted that the Permit Regulation or a variance could address who can take out a permit and who can install the systems.

The Chair and the Administrator will work on a response to the proponent. [Hughes / Manning]

5. Meeting Finalization

5.1. Meeting and Agenda Feedback

For the Referenced Standards agenda item, this will be listed as ASSE Standards, NSF, CSA, ULC instead of specific standards on future agendas. [Council Administration]

5.2. Next Meeting

The next meeting was reconfirmed for Tuesday, December 4, 2018.

5.3. Meeting Adjournment

Mark Harrold / Tim Kosolofski moved to adjourn the meeting; CARRIED

The meeting was adjourned at 3:21 p.m.

--- NEW ACTION ITEMS ---

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