



Technical Standards and Safety Authority

Minutes of the Boilers, Pressure Vessels,
& Operating Engineers Advisory Council
Meeting on November 17, 2023

Minutes of the Boilers, Pressure Vessels, & Operating Engineers Industry Advisory meeting of the Technical Standards and Safety Authority (TSSA) held by teleconference at 9:00 a.m. on the 17th day of November 2023.

Present: Justin Awoyomi, CBMUA & BI&I; Greg Black (Chair), International Union of Operating Engineers (IUOE); Mohammed Farooqi, Imperial Oil; Mario Gogic, Babcock & Wilcox Canada; Yan Huang, Royal Sun Alliance Insurance Company of Canada (RSA); Ralf Klopff, Institute of Power Engineers; John Milton, Ontario Recreation Facilities Association; Hillar Prits, CIMCO Refrigeration; Jamie Webb, MCA & Anderson Webb; Brian Taylor, Waterloo Manufacturing Company

Guests: Alexandra Campbell, VP, Communication & Stakeholder Relations; Caslav Dinic, Technical Supervisor, BPV Safety Program; Ammara Khan, Stakeholder Relations; A. Raval, VP Operations; Kim Semper, Regional Supervisor; Kharlo Tawatao, Education Manager; Olga Sousa-Dias and Kathy Pearsall, TSSA Advisory Council Support

1. Welcome and Constitution of Meeting

The Chair, G. Black, called the meeting to order at 9:00 a.m.

a) Safety Moment

For the safety moment, Council was shown a video about home fire safety during the holiday season.

2. Adoption of November 17, 2023 Agenda

Council adopted the agenda as presented.

3. Adoption of Minutes of April 3, 2023

Council approved the minutes as presented.

4. Review of Action Items

Both action items from the last meeting are now closed. One was for the TSSA to review and provide an update on the UID two-form process. The other was to update the membership to include Mario Gogic. TSSA is waiting to hear from Peter Michieli regarding renewal.



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5. Chair's Update

The Chair did not have an update.

6. Council Administration

Justin Awoyomi (Insurers) and Ryan McLachlan (Manufacturers) have joined the Council for a three-year term.

Fred Oliver has renewed his membership.

A. Khan said TSSA is looking for Advisory Council representatives from Owners/Management and Power Generation. Vicás Dava (sp?) from Stelco submitted an application and TSSA is waiting to hear from him.

Y. Huang asked how many members are on the Council. A. Khan said 14-15.

7. Issue Prioritization

A. Campbell said the new five-year Strategic Plan will focus on finishing what has been started, making TSSA a great place to work, and improving ease of doing business. Council members are encouraged to bring new asks forward for prioritization and to fill out the Agenda Item Request Form as far ahead of the meetings as possible.

TSSA encourages industry stakeholder participation at code committees and through the CSA's public review periods. Effort is being made toward national harmonization.

8. Agenda Item Request Form

a) COI/ROI Process

M. Farooqi said members are struggling with the COI/ROI process. Some issues might be addressed in the website update. He asked that this item be brought forward to future agendas. [ACTION]

K. Semper said the new customer-facing portal will take some issues into account. Work with OPFA and TSSA members and an update will be given at the next Council meeting. [ACTION]



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A. Campbell said the new website will launch within a few days. The update to the customer-facing portal will launch in April or May 2024. Eighty-five percent of COI/ ROI is going through the portal without issue.

The Chair said he appreciates seeing the itemized list of issues provided by M. Farooqi.

b) COC Application Requirements and Exam Results

J. Awoyomi said it takes 2-3 weeks to get exam results and another 2-3 weeks for an inspector to obtain a COC. He would like to shorten the timeframes, suggesting that inspectors be allowed to perform without supervision during the probation period.

The Chair asked if the inspectors are national board certified. J. Awoyomi said they are.

K. Tawatao said a new framework to address the educational component will be completed within the next annual year. It is considered high priority.

Y. Huang agreed the process needs to be standardized for all to follow. Results are needed as quickly as possible.

c) BPV Certificates

J. Awoyomi said it is urgent that TSSA acknowledge emails concerning failed BPVs and explain the process that follows. Some BPVs are coming up for renewal.

K. Semper said the frequency of insurer calls could be increased. Some delays are on the customer end. TSSA will come back with a deadline on finalizing a new process. [ACTION]

Y. Huang said Jessica will discuss UID forms in upcoming insurance meetings. The customer-facing portal has addressed some of the mismatched names. SOAs may need to be sped up to address delays on the customer side.

R. Klopf asked if there is a process to advise insurers when action is being taken on the status of inspections. K. Semper said TSSA is working on this.



A. Campbell said Jessica puts out a call for agenda items on insurer calls. Regarding insured name mismatches, the portal recognizes up to 67% match. Some issues are still being worked out.

The Chair said it is important to complete Agenda Item Request forms prior to the calls.

d) Education: Owner-Operator Responsibilities

J. Awoyomi said there are opportunities for education from the BPV side. When fuels and operations inspectors or just BPV inspectors are on site they could share information with owner-operators that does not necessarily relate to their sectors. This would make the process more efficient.

K. Semper said it is a good idea. There is an owner-specific area on the website where things can be added.

Y. Huang agreed with J. Awoyomi. Owners get confused around first inspections and periodic inspections.

R. Klopf said it is important to get information out to owner-operators, especially the many who do not reside in Ontario. They likely will not search the website. K. Semper agreed.

The Chair suggested that owner and user responsibilities could be generic across all sectors. They may not share the same location.

e) Lifting of Agricultural Exemptions

J. Awoyomi said more frequent updates are needed to address progress made on the volume of agriculture BPVs with first inspection registration. There was a five-year plan to get through all the first inspections for new installations. This should be brought to the next insurer call, hopefully by the end of the year. K. Semper said he will find out when the next insurer call is. [ACTION]

f) First Inspection Tracking for the Agriculture Insured BPVs

Y. Huang said he would like to get the status of first inspections quickly so insurers can move forward on periodic inspections. K. Semper said this item should be moved over to the insurer forum. A. Raval agreed. Y. Huang asked that this item be kept on future agendas. K. Semper agreed. [ACTION]



g) Status Check on Failed Inspections or Recommendations Sent to TSSA from Insurers

Y. Huang said insurers want to know the status of failed inspections and resolutions after they are presented to TSSA. This has been discussed in the past. Unacceptable conditions that persist for years need to be concluded.

A. Raval said it is necessary to differentiate between reporting unacceptable conditions and failed inspections which are low-risk deficiencies. There was an issue raised at council last year that addressed low-risk deficiencies, and if it is prioritized TSSA will look at it again.

K. Semper agreed. This item can be discussed further at the insurers forum.

R. Klopf said he appreciates what insurers are bringing to the table. He asked if there is a higher frequency of occurrences in unattended plants. Y. Huang said they seem to be more frequent in unattended plants. Unacceptable conditions cannot be resolved by insurers.

R. Klopf said in unattended plants inspectors write up an order whether or not it has a COI and this is important to track. He said the same diligence should be provided on attended and unattended plants.

J. Awoyomi said, by his definition, "failed" means unacceptable conditions without a COI issued from his side.

M. Farooqi said owner/users would like to be involved in any process or recommendation pertaining to this item.

9. Licensing Modernization Initiative

G. Lang said TSSA is proposing annual licensing of specific entities, facilities, and activities enabling regular and predictable touchpoints to enhance public safety. These are proposed for operating engineer plants, propane distributors, digesters, landfill and biogas plants, liquid fuel distributors, and private fuel outlets.

TSSA has already engaged stakeholders and this will continue. With their feedback TSSA will submit a proposal to the Ontario government for consideration.



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Licensing gives TSSA options for oversight and ensure safety. It will also level the playing field and reduce the burden for license holders. The data collected will be used to assess safety and educate the industry where gaps exist.

Twenty-eight invitations were sent for stakeholder consultation as of September 18. Eighteen meetings were held or scheduled by October 10. There has been engagement with 23 stakeholder associations/organizations with an 86% meeting acceptance rate.

Broad consultation is under way with targeted implementation of 2025.

M. Farooqi requested a list of agencies that were consulted. OPI was not involved.

A. Khan said the list will be provided at the next Council meeting along with the summary from the broad consultation. [ACTION]

R. Klopf asked if TSSA is looking at a flat annual fee plus inspections on a one-off basis for large institutions. G. Lang said there will be a tiered approach for small-to-large facilities. The intent is to cover off the periodic inspection in the licensing fee.

The Chair asked if, when an invoice is sent out for renewal, it is up to the owner-user to self-report changes to their facility. G. Lang said this will likely be a touchpoint. The details are being worked out.

The Chair said an owner-user endorsement would provide back-up to remind people of their legal requirement to be honest. G. Lang said the education component is especially important for the small companies.

Y. Huang asked if TSSA currently charges for periodic inspections. G. Lang said it does. Incorporating them into the licensing fee would help small businesses with their budgeting. Y. Huang asked if the overall fee will increase. G. Lang said the intent is to be revenue neutral.

10. Adjournment

The meeting adjourned at 10:24 a.m. It was followed by a Council in-camera discussion.