Technical Standards and Safety Authority

Minutes of the Boilers, Pressure Vessels, and Operating Engineers Advisory Council
Thursday, October 23, 2025

Minutes of the Boilers, Pressure Vessels, and Operating Engineers Advisory Council meeting for the Technical Standards and Safety Authority (TSSA) held by teleconference at **9:00 a.m.** on Thursday, October 23, 2025

Attendance

Present	
Greg Black	Jason Brimble
Joe Adams	John Milton
Justin Awoyomi	Dave Little
Yan Huang	Jamie Webb
Mario Gogic	Brian Taylor
Justin Clappison	Ralf Klopf
Ryan Jones	Randy Purves
TSSA	
Sue Hadley	Tony Gabriele
Iuliana Afanase	Gaya Nair
Alexandra Campbell	Kim Semper
Priya Ferris	Scott Saint
Shakir Majeedi	Shaun Montano
Viola Dessanti	Tahoura Soltani
Regrets	
Mark Lambert	Ryan McLachlan
Peter Michieli	Ronald Morrison

Action Items

Action: V. Dessanti to produce a document providing an overview of the new BPV data reporting initiative. (Complete)

Action: V. Dessanti to follow up on potential correlation trends and risk profiles for OE Plants. (Complete, agenda item #7)

1. Constitution of Meeting

1.1. *Safety Moment presented by I. Afanase on Fall Safety Tips for outdoor activities, emphasizing ladder safety, calling Ontario One Call before*

digging, checking cords for any frays or damage, and storing fuel sources effectively.

2. Adoption of the Agenda

2.1. *Council Administration*

2.1.1. Confirmed – Membership Renewal: Justin Clappison
2.1.2. Confirmed – Membership Renewal: Randy Purves
2.1.3. Confirmed – Membership Renewal: Jamie Webb

2.2. *The agenda was adopted as presented.*

3. Approval of Minutes

3.1. *The council approved the minutes as presented.*

4. Action from BPVOE Plenary Spring 2025 Meeting: Y. Haung requested details on BPV incident reporting

Y. Huang requested details on BPV incident reporting. K. Semper responded that there is a reporting document on the TSSA website that informs insurers when to report leaks, how to report leaks, and to which organization.

R. Klopf asked whose responsibility it is to report incidents between the contractor or the owner. K. Semper confirmed it is the owner's responsibility to report, but it will depend on the type and severity of the leak. The contractor must report significant leaks to the Ontario Spills Action Centre which gets referred to TSSA. R. Klopf suggested that TSSA should educate owners about their responsibilities.

5. Chair's Report

The Chair had an unexpected absence and was not able to provide a Chair's Report to the council.

6. Upcoming Changes to the Contractor & Insurer Audits

S. Saint presented the upcoming changes to the contractor audit program in the BPVOE Program area.

Y. Huang asked why insurers are considered the same as contractors. S. Saint confirmed that though the language is of contractor, the audit of contractors and the audit of insurers will look the same from the TSSA side, therefore they are under the same audit program. The focus is on the processes that support auditing rather than the specific audit itself on the ground.

7. Inspection Frequencies for OE Plants

T. Soltani presented on an action item from the Spring 2025 meeting.

J. Awoyomi asked how the risk scores are determined based on the data from the incidents. T. Soltani explained that the incident data is used as a data point for machine learning systems to learn for the future. As more data is collected, the model will consider the severity of incidents. V. Dessanti added that TSSA rarely sees injury or fatality during incidents in the BPVOE program area. The risk models use incident data and inspection data.

There was some discussion about the use of machine learning and artificial intelligence and the criteria for datasets to provide appropriate inputs. B. Rose explained that when we use models, we validate the models as well. V. Dessanti commented on TSSA's commitment to expanding the available data in the BPVOE program area.

G. Black asked if the data would show whether the equipment is faulty or if it is the safety procedures of the company. T. Soltani responded that regardless of maintenance or manufacturing, if a site is at high risk, TSSA will conduct more frequent inspections. Patterns identified will be addressed during individual inspections.

T. Soltani also spoke about the risk profiles of OE plants and how this will be used to determine the frequency of inspections.

8. BPV COI Fees: Consultation Summary

P. Ferris presented on the upcoming fee increase in the BPV COI program and the stakeholder consultation summary.

J. Awoyomi asked if the TSSA would give the industry a 90-day grace period before launching the increase. P. Ferris confirmed a 60-day notice period is in place. J. Awoyomi asked if there are ways to offset or minimize the fees. P. Ferris added that TSSA has taken steps to identify and onboard unverified devices and expand safety in the BPVOE program area.

9. Issue Prioritization Update

9.1. *Justin Awoyomi – Existing UID/First Inspection*

J. Awoyomi requested information on the UID/First Inspection process. K. Semper responded that if an insurer finds a device that requires a UID, the best way is to send in a request through the UID request form. J. Awoyomi added that submitting this form is cumbersome and urged TSSA to streamline the process. The queue for UID requests is 59 devices.

Y. Huang raised a concern that TSSA needs to communicate better with owners and insurers on the requirements for UID/First Inspections and streamline the UID Request Form. Y. Huang asked if new installations will be considered a first inspection. K. Semper confirmed it is the owner's responsibility.

9.2. *Justin Awoyomi – Notification Letters for Expired Authorizations*

J. Awoyomi agreed to withdraw this item as it was addressed at the October 6 BPVOE Plenary Session. He noted that the letters were generally okay but had a concern about using the word "prosecution." A. Campbell responded that the term "prosecution" is used to emphasize the seriousness of compliance with safety regulations. However, TSSA is open to reviewing and potentially revising the language to ensure it is clear and not overly intimidating to stakeholders. Communications will be reviewed as part of the BPV COI process redesign.

9.3. *Justin Awoyomi – New COI Fees Proposed*

J. Awoyomi confirmed that his questions were answered during the earlier agenda item.

9.4. *Justin Awoyomi – Agricultural Exemption*

J. Awoyomi requested information on the status of TSSA's project for onboarding previously exempted Agricultural BPVs. T. Gabriele confirmed that TSSA has completed 177 site assessments and created 370 new UIDs. There are six more self-reported sites to be completed by the end of the month. J. Awoyomi asked if these assessments include both new installations and existing BPVs. It was confirmed that TSSA is onboarding existing devices and new installations. K. Semper added that if insurers share data on insured agricultural devices, TSSA can cross-check with registered devices.

9.5. *Justin Awoyomi – BPV Client Portal*

J. Awoyomi expressed interest in the BPV Client Portal Flow Chart that explains the reporting of violations. K. Semper confirmed that once the data is available, TSSA can report back to the industry.

9.6. *Yan Huang – Notification Letters for Expired COI after ROI was submitted*

Y. Huang raised an issue with owners receiving notifications after the insurer has issued the ROI. A. Campbell explained that if the owner misses a step, such as paying the invoice, they will receive another notification.

9.7. *Yan Huang – BPV Client Portal Flow Chart*

Y. Huang asked about the communication of the flow chart with the industry. A. Campbell responded that the program is finalizing the details of the flow chart before publishing it on the TSSA website. Once it is published, it will be communicated with the council and to all BPV clients through a news update.

9.8. *Yan Huang – Status of First Inspection on Agricultural BPVs*

Y. Huang emphasized the need for TSSA to streamline the process and reduce the burden on industry.

10. Adjournment

10.1. *The meeting adjourned at approximately 10:40 a.m.*