



Technical Standards and Safety Authority

Minutes of the Boilers, Pressure Vessels, & Operating Engineers Plenary Advisory Council

Thursday, March 27, 2025

Minutes of the Boilers, Pressure Vessels, & Operating Engineers Advisory Council meeting for the Technical Standards and Safety Authority (TSSA) held by teleconference at **9:00 am** on Tuesday, March 25, 2025

Present	
Mark Lambert, Council Chair	John Milton
Gregory Black	Mario Gogic
Jamie Webb	Randy Purves
Justin Awoyomi	Dave Little
Ralf Klopff	Jason Brimble
Ronald Morrison	Brian Taylor
Yan Huang	
TSSA	
Bonnie Rose, TSSA CEO & President	Alexandra Campbell
Caslav Dinic	Kelly Hart
Phil Simeon	Sarah Beitz
Jennifer Walkey	Frank Pallotta
Shakir Majeedi	Kim Semper
Sue Hadley	Shaun Montano
Tahoura Soltani	Trent Angiers
Iuliana Afanase	Shakir Majeedi
Kristian Kennedy	Gray Chan
Guests	
Laura Miel	Veronica Zeballos
Sarah Jeffrey-Hampton	Allison Nichols
Glen Lang	
Regrets	
Ryan Jones	Fred Oliver
Ryan McLachlan	Justin Clappison
Peter Michieli	

Action Items

Action: Provide a link to TSSA's Ombudsman and Whistleblower services for the Institute of Power Engineers (IPE) website.

I. Afanase and R. Klopff confirmed the action item is complete.

1. Constitution of Meeting



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The Chair convened the meeting at 9:03 AM.

The Chair reminded members that the April 17 meeting will be in person.

The Chair noted Glen Lang's retirement from TSSA and introduced Sue Hadley as the new Chief Officer.

1.1. Safety Moment

The Chair showed a Safety Moment on plant power rating changes. The expansion of energy will mean more plant registrations and implications for plant rating safety.

2. Adoption of the Agenda

2.1. The agenda was adopted as presented.

3. Approval of Minutes

3.1. The council approved the minutes as presented. Y. Huang commented that his name is not listed as in attendance. The minutes are adopted as amended. K. Kennedy clarified that F. Zhang would not need to be listed under Regrets because he is an alternate.

4. TSSA President & CEO's Report

B. Rose spoke to her President & CEO Report. She spoke to Year 2 projects that are of interest to the BPV and OE sectors, such as BPV data and unverified BPV devices, and to Year 3 priorities, including redesign of the BPV COI program and preparing for growth in the nuclear sector.

The Chair asked if there is a trigger point for registration of OE as part of the BPV data collection process so that the sector can prepare for staffing changes. K. Semper stated that TSSA needs to collect data on the agricultural sites before TSSA can determine staffing.



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5. Boilers & Pressure Vessels Inspection Data Collection

T. Angiers provided an update on the project, its purpose, feedback received and what to expect from the launch date.

Y. Huang wanted it minuted that over the past few months there were ongoing consultations with CBMUA and other insurers – a total of eight meetings. On March 4, 2025, CBMUA wrote a letter to TSSA to raise concerns about the project. There are two principal concerns: the removal of inspectors' discretion regarding the withholding of an ROI because of an unacceptable condition and the issuance of a ROI for unacceptable conditions when the inspector is not satisfied that the device can continue to be operated or used safely. Y. Huang added that the insurer's information system for uploading data will not be ready for April 14, 2025, implementation date. Finally, CBMUA members have concerns over the code violations on objects which do not have UIDs since the TSSA first inspections have not yet been done. A. Campbell commented that TSSA is aware of the issues CBMUA tabled and appreciates Y. Huang is tabling outstanding and ongoing concerns.

G. Black advised that TSSA should have a means to record transparently the deliberations of non-advisory council consultations. A. Campbell confirmed that this is what the presentation at this meeting is intended to accomplish.

J. Awoyomi asked about communications sent to the clients, with the owners/operators, taking place between March 18 to March 28, 2025. J. Awoyomi asked when the e-news blast will be sent out to clients. His second question is about the launch date of April 14, 2025, and on high-risk violations they are strictly around usability of the portal by the user. Major insurers are concerned about the high-risk violations and the methods of reporting. K. Semper indicated that there will be no change to that method before the launch date of April 14. There was discussion around whether the director's order had been circulated. A. Campbell clarified that it was published on the TSSA website and an eblast had been sent about the changes.



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6. Customer Journey Mapping: Exams & Certifications

J. Walkey introduced herself and provided an update on the examinations and certification process review.

The Chair recommended that TSSA consult with colleges as they can advise on which technologies to use and not use. G. Lang noted that SOPEEC is discussing bringing examinations online so it would be worthwhile to align with SOPEEC in this regard.

G. Black commented that a common complaint in consultations was relating to the disconnect between the subject matter of the examination and the content students review before sitting the examination. For concerns about turnaround times for examinations, the Chair added that it is often unsuccessful applicants who raise concerns so be mindful of that as well.

R. Klopf commented a salient issue is that students cannot find testing locations. A. Campbell commented that TSSA is very aware of this issue, and it was raised by other stakeholders during the consultation.

R. Purves commented that communication must be consistent and clear. J. Walkey said this reinforces points raised by other customers. TSSA is looking at harmonization as much as possible.

7. Compliance Standards for OE

P. Simeon explained the purpose of compliance standards at TSSA and stressed that the project for OE is in its early phase.

The Chair asked if the safety factor is being considered for the compliance standard, given the public safety implications, including injury and death. P. Simeon explained that TSSA considers two safety factors as predictive indicators: the structural variables and the behaviour of the people operating and maintaining the plant.



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8. Operating Engineers

8.1. Qualifying Experience Time

K. Semper provided an overview of QET requirements by certification level, additional certifications and special considerations. He also touched on the documentation and approval process. His presentation showed a sample form.

The Chair asked why students need hours of qualifying work experience since they now have power plant exposure at college. Why isn't the 480 hours reduced since colleges have boilers for practical experience? At the gathering of colleges, the Chair explained that he will put forward an action to consider proposals for change.

R. Purves asked if the QET changes proposed here supersede the relevant O. Reg. 219/01 regulation table. K. Semper explained that the process is being streamlined and made clearer. It remains aligned with the regulation.

8.2. Path 1 & Path 2 Update

K. Semper noted there are 34 plants in the Path 1 process and four plants in Path 2. Most plants in both categories are in refrigeration.

9. Contractor Audits for Boilers & Pressure Vessels

P. Simeon spoke to the desired outcomes of the project, including standardizing processes, consistent functionality and using data in the future to inform a contractor "safety rating." He detailed next steps as the project unfolds.

B. Taylor asked if lessons learned will be drawn on from what was attempted several years ago by the TSSA to harmonize contractor audits. P. Simeon commented that TSSA will review lessons learned and will hear from stakeholders during the consultations as well.

Y. Huang asked about insurer/AIA examples of issues and if TSSA can elaborate on it. P. Simeon explained that presently, the audits are written pen-on-paper



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after which they are digitally documented and shared with the insurer/AIA. TSSA would like to explore using a digital platform for rapid review and seamless information-sharing with the insurer. The issues noted in the presentation are related to internal processes at TSSA.

10. Harmonization of Engineering Process Review

F. Pallotta recapped previous engagement with advisory councils on the engineering process review and project goals. All major targets to date have been met and presently TSSA is in the business planning cycle to define business requirements. He detailed next steps, including metrics, formation of an industry working group, customer testing prior to portal launch and implementation details to stakeholders. F. Pallotta also informed the meeting about project quick wins.

G. Black asked if the 28-day turnaround time is in calendar or business days. K. Hart and S. Montano clarified it is calendar days.

The Chair asked if the statuses of applications will be visible through a portal or dashboard format. F. Pallotta clarified TSSA is considering an online page to display the status of the application once it has been submitted.

S. Jeffrey-Hampton asked if expedited applications are on the table now that the backlog has been dealt with at TSSA. F. Pallotta explained that it is on the table for future state. S. Montano clarified it is limited for certain uses presently. He indicated that the criterion for limited expedited service is listed on the website.

J. Webb asked what service level is the end goal: is it 20 working days, 10 working days, etc.? F. Pallotta noted TSSA was striving for 30 days, which is what most stakeholders noted is an acceptable target.

11. Licencing Modernization Initiative

A. Campbell suggested treating the agenda item as read: it is an objective to move ahead with the project but because of the election writ period there is no update presently. Nothing has changed since the last update.



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There were no questions from the council.

12. Draft TSSA Incident Reporting Advisory

S. Majeedi spoke to the timeline of the advisory revision, including several phases of consultation. He provided a summary of the consultations and key findings from the consultation. He shared a screenshot of the incident reporting landing page on the TSSA website.

The Chair commented that TSSA safety reports do not describe the nature of incidents and their severity.

13. Code Adoption Document Amendments

P. Simeon treated the presentation as read.

There were no questions from the advisory councils.

14. Ministry of Public Business Service Delivery Report

S. Jeffrey-Hampton summarized the bi-annual report. The main update was that the ministry has a new minister. She also spoke to the propane purging minister's exemption, approved in November of 2024 and the status of the Office of the Auditor General of Ontario value-for-money audit. She noted most of the recommendations have been implemented fully or are on longer applicable and will not be implemented. Lastly, she spoke to the Reconciliation Agreement under the Canadian Free Trade Agreement for gas technicians.

J. Webb asked if there are any opportunities to reduce interprovincial barriers, including around CRN numbers, considering the worsening bilateral trade relationship with the U.S. He recommended the Government of Ontario reduce barriers in areas administered by TSSA. If there are other interprovincial barriers in TSSA programs reducing them would assist considering impending tariffs.



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15. Update on CSA-B56

G. Lang provided an update on the standard development process for B56.

There were no questions.

16. Safety and Compliance Report

T. Soltani provided an update on the risk of injury or fatality for FY25, the count of incidents and the high-risk inventory.

J. Webb asked if there was any consideration to the publication of a few incidents in which something was averted and to highlight these incidents. It might be helpful to help contractors. T. Soltani noted that when TSSA identifies instructive incidents near-miss case studies are presented in the annual safety report. Going forward TSSA is considering sharing this information at separate points in the year.

Y. Haung noted on slide 4 it references 96 BPV incidents. He asked for details on those incidents. T. Soltani explained that depending on the amount of data available, TSSA can pull details on the incidents. She would have to take back how to share details on all 96 before confirming whether it can be shared or not.

17. 2024 Advisory Council Survey – Summary & Results

K. Kennedy provided an update on the results of the 2024-25 advisory council survey.

There were no questions from council members.

18. Industry Prioritization Discussion

K. Semper provided an update on the status of agenda priorities raised by the advisory council.



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G. Black asked about certification renewals, noting that there are still issues and the matter is not really closed. A. Campbell noted that the prioritization table addresses short-term improvements and that is why the issue is closed. J. Walkey's presentation on process improvements spoke to long-term fixes TSSA is consulting on.

Y. Huang asked what the TSSA plan is for first inspection tracking for new installations other than agriculture. K. Semper replied that an insurer can make a UID request on the owner's behalf but if the owner makes their own first inspection request based on the insurer telling them they need a UID, currently TSSA has no way of knowing that. In all cases, the customer would have to provide the insurer's contact information and email. TSSA can consider a process to address.

19. Adjournment

- 19.1.** The meeting adjourned at approximately 12:05 PM after which council members held an in-camera session with B. Rose followed up an industry-only in-camera session.