Minutes of the Operating Engineers Advisory Council (OEAC) meeting of the Technical Standards and Safety Authority (TSSA) held in the Ontario Boardroom, First Floor, 345 Carlingview Drive, Toronto, Ontario at 9:30 a.m. on the 13th day of April 2017

Present: Rod Philip (Chair), U.S. Steel Lake Erie Works; Jaime Dreveny, Ontario Power Generation; Eli DiCredico, St. Clair College; Kevin Hillman, TransCanada; Ralf Klopf, Toronto District School Board (TDSB) and Institute of Power Engineers (IPE); Mark Menheere, Suncor Energy Products Inc.; Robert Brady, Consumers Advisory Council.

In attendance: Mike Adams, Director BPV/OE (all except item 15); David Scriven, VP Safety Strategy and Corporate Secretary (all except item 15); Peter Wong, VP Operations, (filling in for Michael Beard, President and CEO, all except item 15), Tarannum Khatra, Council Coordinator (all except item 15); Consuelo Esquivel, new Council Coordinator (all except item 15).

Guests: Vino Kajendran, Senior Policy and Program Analyst, Ministry of Government and Consumer Services (all items except item 15); Joe Sammon, VersaCold and Eben James, Trenton Cold Storage (all items except item 15).

Regrets: Greg Black, International Union of Operating Engineers (IUOE)

1. Constitution of Meeting
   R. Philip, Chair, welcomed Council members and called the meeting to order.
   As part of the safety moment, Council viewed a safety video highlighting Carbon Monoxide safety. The key message was maintenance and inspection of Carbon Monoxide detectors.
   New Council Coordinator, Consuelo Esquivel, was welcomed and introduced to Council members.
   Joe Sammons, Vice President for Engineering at VersaCold Logistics, and Eben James, President and CEO of Trenton Cold Storage, were welcomed and introduced to the Council Members.

2. Approval of Agenda
   Council members approved the April 13, 2017 meeting agenda, as presented.
   A few agenda items were moved during the meeting; however, all item numbers were kept as indicated on the agenda.

3. Approval of the Minutes
   Council members approved the minutes of the November 15, 2016 for the OEAC meeting, as presented.

4. Review Action Items from Last Meeting
M. Adams reported that all highlighted action items have been completed.

The ongoing action items were updated as follows:

D. Scriven announced the Ontario Technology Skills Competition from May 1-3. He mentioned that it is a good opportunity to promote TSSA in the education sector. TSSA is providing $6000 in awards, in addition to the Consumers Advisory Council’s contribution. Approval of awards towards scholarship funds in the Safety Education Fund is carried out by the Consumers Advisory Council. Details will be shared with Council.

M. Adams mentioned that the Association of Chief Inspectors (ACI) has submitted their report to the National Public Safety Advisory Committee (NPSAC) on plant ratings. M. Adams will elaborate on this issue under agenda item 12. D. Scriven, chair of NPSAC, added that there is strong support from the Canadian Standards Association in this regard. British Columbia is looking to recruit power engineers to build Liquefied Natural Gas (LNG) facilities.

5. Council Chair’s Report

The Chair highlighted the ongoing regulation review and expressed the industry’s enthusiasm with the momentum thus far.

The Chair noted the need to recruit a refrigeration member to the Council. He asked the two guests to share their professional background.

J. Sammon is a mechanical engineer and began his career at Blackberry in 2009.

E. James works at Trenton Cold Storage, a distributor of frozen foods, where food safety is of paramount concern.

6. TSSA President and CEO’s Report

As part of the advanced materials for this meeting, Council received a report from the President and CEO regarding TSSA’s key activities over the last quarter, which was treated as read.

P. Wong spoke to the CEO’s report as M. Beard was unable to attend the Council meeting. He informed Council that D. Scriven is the new chair of NPSAC. David is Vice President, Safety Strategy and Corporate Secretary.

He highlighted 20/20, a business transformation program to enhance organizational efficiency and business processes, in particular addressing data architecture and developing business intelligence. A consultant has been recruited. Program completion for core functionalities is targeted for November 2018.

7. TSSA Strategic Plan

As part of the advanced materials for this meeting, Council received the TSSA Strategic Plan which was treated as read.
D. Scriven provided some high level details about the plan. TSSA worked with an external firm and the Ministry in the development of the Strategic Plan which goes into effect May 2017 for five years. TSSA strives to become a modern regulator with attributes of being Collaborative, Informed, Innovative, Effective and Transparent.

One example cited for future innovation is adding QR codes on elevators.

D. Scriven referred to slide 10 of the Strategic Plan. TSSA aspires to keep in step with emerging technology and modernize the regulatory framework.

8. Ministry of Government & Consumer Services (MGCS)

As part of the advanced materials for this meeting, Council received the MGCS report, which was treated as read.

V. Kajendran informed Council about TSSA's Appeals of Bill 27. The Bill was passed on March 22, 2017. The amendment specifies a 90-day time limit appeals to a statutory director regarding inspection orders or inspection-related seals or fees. Currently, there is no time limit for appeals. In addition, she informed Council about the regulatory review under way for the Upholstered and Stuffed Articles (USA), Boilers and Pressure Vessels, and Operating Engineers sectors.

She spoke about the seven items under the first Red Tape challenge with respect to TSSA, the Act and its regulations. They are as follows:

- Modernize communications with TSSA
- Review the liquid fuels handling code variance requirements
- Harmonize propane handling requirements with the Ontario Fire Code
- Improve access to pressure vessel inspections
- Harmonize CRNs for BPVs
- Implement RSMPs for other fuels
- Update fuel industry requirements and certificates

The new Minister for Government and Consumer Services is Tracy MacCharles. She is also the Minister of Accessibility.

9. Priority Issue- Operating Engineers Regulatory Review Update

As part of the advanced materials for this meeting, Council received the presentation slides about the Operating Engineers Regulatory review update.

M. Adams, on behalf of H. Kisembe, spoke to this item. He noted a typographical error on slide 3, which should read “scientific evidence.”

A review of the Operating Engineers regulation was long overdue. A comprehensive review of the regulation entails changing the technical details of the regulations via the code adoption process (CAD). This approach will facilitate a regular review of the CAD process. Seven expert panel meetings took place between November 2016 and February 2017. The panel recommended adopting a two-level risk-based regulatory approach. Deloitte on behalf of the Expert Panel submitted a report to the Ministry. Industry and the public will have an opportunity to review it. M. Adams invited Council to share any concerns at this time. The final report is due on May 26, 2017; posting
10. Priority Safety Issue: Report on Operating Engineers safety compliance

With the aid of a presentation, M. Adams provided an overview of the Operating Engineers safety compliance report. M. Adams concurred that a 42% compliance rate does not optically appear good, but in reality the balance can be attributed to administrative issues, for example missing files like the certificate of inspection. For that reason, TSSA is looking at redesigning the compliance process which would reflect a more realistic reading of safety issues.

11. Priority Safety Issue: Future of Power Engineers

- **MGCS** – There was no update.
- **TSSA** - A lot of issues are being taken into consideration during the regulatory review process.
- **Unions** - the Chair, on behalf of Greg Black, provided an update. Previous attempts to communicate the looming shortage of operating engineers and OE student placement issues to the Canadian Labour Congress generated poor results. Consideration will be given to communicate directly with the business agents at the Bargaining Unit level.
- **Associations** - R. Klopf advised Council of the IPE Power Engineering Collaboration and Development Day on May 25. The invitation was shared with all members.
- R. Klopf also informed Council about the IPE Ontario Education Forum and Power Engineer’s Roundtable, taking place on November 1 - 3. M. Adams will be doing a presentation to the chief engineers and operators at the Forum. The invitation was included in the materials that had been distributed prior to the Council meeting.

12. Standardization of Plant Rating

With the aid of a presentation, M. Adams talked about the Standardization of Plant Rating (SOPEEC). SOPEEC is moving in parallel with Ontario’s OE Regulatory Review.

NPSAC had requested the ACI (Association of Chief Inspectors) to develop a national standard plant rating system so that all provinces can use a similar rating. The intent is to submit the proposal to NPSAC in June. If the plant rating system is accepted, all provinces will have to update their regulations.

M. Adams advised Council that TSSA’s Public Safety Risk Management Group carried out a Fault Tree analysis of the original SOPEEC model, which resulted in its current version. A new risk task group has begun work. It will meet once a week until December. The first order of business is the Plant Hazard Value Assessment which will include a review of the SOPEEC model to see if it should be incorporated into the overall TSSA Path1/Path2 model.

Asked about the geographic aspects, M. Adams said that the task group will take these into consideration in their analysis & review.
13. Emerging Trends and Technology

There was discussion about e-logs and going paperless. The Regulations currently state that the companies need to maintain a paper file, a fact that restricts industry.

14. Questions and Other Business

R. Brady is now on his fourth term on Council. This should be indicated on the Status of Member and Terms Matrix.

15. In-Camera

Council met without TSSA staff and guests.

16. Termination

The meeting was terminated at 1:10 p.m. The next meeting is scheduled for November 16, 2017 at 9:30 a.m. at the TSSA Head Office: 345 Carlingview Drive, Toronto.