



Technical Standards and Safety Authority

Minutes of the Amusement Devices Advisory Council Meeting on March 5, 2015

Minutes of the Amusement Devices Advisory Council (ADAC) meeting of the Technical Standards and Safety Authority (TSSA) held in in Rooms 1433 and 1434 on the 14th Floor, Centre Tower, 3300 Bloor St. W., Toronto, Ontario at 10:00 a.m. on the 5th day of March 2015.

Present: Virginia Ludy (Chair) Canadian National Exhibition, Cindy Sypher (alternate Chair), Sypher & Associates Field Engineering Ltd., Mark Bingeman, Bingemans, Keith Brown, Ontario Place, Bill Carter, Jim Kong Amusements, Andrew Gidaro, Peter Gismondi, Superior Events, Bill Kane, North American Midway Entertainment, Ken Karns, Western Fair District, Kathryn Woodcock, Consumers Advisory Council, Rick McMullen, 401 Mini-Indy Limited, Elaine Rennie, OAAS, and Peter Switzer for Norm Pirtovshek, Canada's Wonderland.

In attendance: Michael Beard, President and CEO (all items except 8, 9, 11, 12 and 15), Roger Neate, Director, Elevating and Amusement Devices (all items except item 15), Maram Khalif, Council Coordinator (all items except item 15), Rob Kremer, Engineering Manager, (item 8), Steve MacDonald, Inspector, (item 11), David Scriven, VP Research and Corporate Secretary, (all items except 15), Sonny Silva, Inspector, (all items except 15), Supraja Sridharan, Public Safety Risk Analyst, (item 7), Ellen White, Policy Advisor, (all items except 15), and Peter Wong, VP of Operations (all except items 5 and 15).

Regrets: Breckon Husband, Aon Risk Solutions, Richard Hustwick, Ministry of Government and Consumer Services (MGCS), Hussein Lalani, Manager, MGCS, and Brendon Turner, Camp Quality Canada.

1. Constitution of Meeting

C. Sypher, on behalf of the Chair, welcomed the council and called the meeting to order. She noted that V. Ludy, Chair, would be joining the meeting in progress.

As part of the safety moment, council viewed a safety video about the prevention of Carbon Monoxide poisoning.

2. Approval of Agenda

Council members approved the agenda for March 5, 2015 meeting.

3. Approval of the Minutes

Council members approved the minutes of the October 22, 2014 ADAC meeting as drafted, as being a true and correct record of that meeting.

4. Review Action Items from Last Meeting

S. Silva reported that all outstanding action items have been completed as highlighted on the action plan document. He provided an update as follows:

- The practical hours for mechanics in the amusement devices sector is stipulated in the regulations and any changes would require a regulation review.
- The discrepancies in incident reporting from 2012/2013 data were explained, noting that there is an increase showing which is a result of incidents that were captured but not submitted in a timely fashion.



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5. Council Chair's Report

V. Ludy reported to council that due to her recent appointment at the Canadian National Exhibition, she is resigning as Chair and as a member of the Council effective immediately following the meeting. She thanked all members for their support.

6. TSSA President & CEO's Report

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

M. Beard highlighted that TSSA and MGCS have undertaken a regulation review process (Regulatory Renewal Project). This comprehensive process is a systematic way of reviewing all TSSA's regulations on a regular basis. The importance of stakeholder involvement in the consultation process was noted and highlighted.

The top three current priorities for the regulation review were noted as Operating Engineers, Liquefied Natural Gas and Upholstered and Stuffed Articles, with Boilers and Pressure Vessels as a continuing review.

M. Beard also highlighted TSSA's external safety award initiative, to be discussed under item 11.

7. Amusement Devices Safety Compliance Information

With the aid of a PowerPoint presentation, which forms part of the record of the meeting, R. Neate highlighted an overview of the safety status for the amusement devices industry.

The definition of "external factors" as a cause of risk of injury and fatality in the report was clarified and further detail regarding "external factors" was requested to be provided at the next meeting. The two permanent injuries that were reported and their root cause were questioned and additional information was requested to be provided at the next meeting.

Further discussion ensued around the importance and the challenges of reporting near misses. Council also requested a review of the breakdown of high risk versus low risk orders or at least have the top five orders issued presented at each meeting. R. Neate noted that there would be value in having Dr. Kathryn Woodcock make a presentation on Incident Reporting at a future Council meeting. The need for consistency in Inspectors' interpretation of regulations was also discussed.

Some compliance issues were discussed. Those operational issues will be shared with council prior to the beginning of the season.

Council was informed that TSSA sent (via the Council Portal) a survey to gauge their feedback with respect to safety compliance information presented at the meetings, as well as the safety performance report. They were encouraged to provide their feedback in order to make any improvements on presentations and the annual report so that the reports meet with council's expectations.

ACTION: More details regarding "external factors" as well as the root cause of the two permanent injuries presented at today's meeting to be provided at the next meeting.

ACTION: Compliance issues (relating to operational issues) will be shared with council prior to their season.

ACTION: K. Woodcock to present an incident reporting presentation to council at future meeting.



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8. Priority Safety: Harmonization

R. Kremer reported to council the American Society for Testing and Materials (ASTM) and Canadian Standard Association (CSA) completed the harmonization of the Amusement Devices Safety Standard. The code adoption process was discussed. A draft is sent to council for feedback. Adopting and distributing code changes will be simplified under the harmonization.

9. Priority Safety: Public Education Seasonal Update

As part of the advanced materials for this meeting, members received information on the status of a request to establish a Public Education Working Group, which was treated as read.

D. Scriven on behalf of D. Lisle highlighted that three people expressed interest in the public education working group and a request was made for clarification of the role and membership of the proposed Working Group.

The Council discussed an opportunity to enhance safety reporting by providing a more accurate context for the size of the population exposed to the risk in Ontario (currently safety reports assume the whole provincial population). The actual ridership numbers are collected in US because they have a national depository; however, it was not clear who might be in a similar position to collect information in Canada. Council discussed various ways to collect the actual ridership in Ontario.

The positive value of TSSA's public education was noted. The resourcing of public education and its application to other sub- sectors outside water parks was discussed. Some council members expressed interest in exploring this initiative and joining the Working Group.

Next steps for the Working Group include ensuring it has a broad representation of the amusement devices sector, scheduling a meeting prior to the beginning of the season, and focusing on understanding the approach taken to date and collecting lessons learned.

10. Priority Safety: Cost of Compliance

V. Ludy facilitated a discussion around the cost of compliance in the industry. The benefits of compliance were highlighted, including a lower risk of injury and fatality. The cost of compliance, may have inadvertently, increased the cost for education, training and certification. However, achieving compliance has also been used as a standard for business's viability since consumers' expectation of safety has increased.

It was also noted that Ontario's safety practices have been used as the minimum required safety standard in North America.

This safety priority has been completed.

11. Introduction of TSSA's External Safety Award

With the aid of a PowerPoint presentation, which forms part of the record of the meeting, S. MacDonald provided an overview of the eligibility and the selection criteria, as well as the nomination and recognition processes.



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The program will be launched in spring 2015 and will be communicated via TSSA's Exchange Blog, Twitter and other social media. As the program progresses, it will be monitored and evaluated for success.

12. Ministry of Government and Consumer Services

The Ministry representatives sent their regrets.

E. White of TSSA provided an update on ongoing projects between the Ministry and TSSA. She highlighted the priority regulation reviews programs: Operating Engineers, Upholstered and Stuffed Articles and Liquefied Natural Gas as a new regulation.

She noted that although Amusement Devices was not considered a priority at this time, there could be an opportunity for modifying a regulation depending on the nature and implications of concerns raised.

13. Field Evaluation Task Group Update

S. Silva reported to council that a task group was created by the Electrical Safety Authority (ESA) to tackle issues relating to field evaluation and joint inspection schedules. Joint inspections were held the last two years by both Authorities in order to help gain data and identify concerns about the internal electrical components of the rides.

He noted that to date the task group developed 24 recommendations. There is still more work as some of the recommendations were not received positively by all. Some of the recommendations need further clarifications from ESA before they can be adopted. S. Silva noted that while some electrical Certification Organizations are placing a 1-year sticker on devices, ESA is currently not recognizing an expiry date. ESA is also reviewing what constitutes an "alteration".

ESA members of the task group can be invited to the ADAC meeting for specific topics when needed.

14. Questions on Information Items and Other Businesses

Membership renewal: As previously noted, V. Ludy has resigned from the Council. It was noted that B. Husband would be replaced on the council. All other members, whose term was up for renewal, agreed to stay on the council.

P. Gismondi raised concerns about a device called a Eurobungy. He noted that the inability to get a permit for this device in Ontario was in his opinion inconsistent with the safety risk. It was noted the exemptions were under Director's Order and will need a regulation review to overturn. Further discussions ensued including the consumer perspective on this issue.

K. Woodcock noted that the Consumer Council would like to see the TSSA regulate rock-climbing devices.

It was asked if the TSSA regulated "wakeboard" parks. At this time, TSSA does not regulate wakeboard parks.

15. In Camera

Council members met *in camera* without management and guests.



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16. Termination

The meeting was terminated at 12:30 p.m. The next meeting is scheduled for November 5, 2015.