Crushing, Screening, and Conveying Technical Committee CSCTC

Unapproved Minutes

AGG1/WOA World of Asphalt, Indiana Convention Center Rm 110, Indianapolis, IN
Tuesday, February 12, 2019, 7:30 am

Presiding: Tom Cole (Eagle Crusher), Chair
Albert van Mullem (Telsmith), Vice Chair

Call to Order and Introductions
The meeting was called to order at 7:30am by Chair Tom Cole. AEM’s antitrust policy summary was provided and reviewed as a reminder for attendees. Self-introductions were made by those present.

Member Sign-In and Roster Review
A Sign-In Sheet and Rosters for review were passed. The following were in attendance:

<table>
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<tr>
<th>Name</th>
<th>Company</th>
<th>Location</th>
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<tr>
<td>Tom Cole</td>
<td>Eagle Crusher Co</td>
<td>Galion OH</td>
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<td>Eric Dombrowski</td>
<td>iRock Crushers</td>
<td>Valley View OH</td>
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<td>Matt Brinkman</td>
<td>Screen Machine Ind.</td>
<td>Etna OH</td>
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<td>Albert Van Mullem</td>
<td>Telsmith-Milwaukee</td>
<td>Milwaukee WI</td>
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<tr>
<td>Chris Reed</td>
<td>Terex MPS</td>
<td>Cedar Rapids IA</td>
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<td>John Robinson</td>
<td>Terex Minerals</td>
<td>Dungannon, No Ireland</td>
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<tr>
<td>Steve Howard</td>
<td>Wirtgen America</td>
<td>Nashville TN</td>
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<tr>
<td>Georg Piller</td>
<td>Wirtgen GmbH</td>
<td>Germany</td>
</tr>
<tr>
<td>Nate Burton</td>
<td>AEM Tech &amp; Safety Svcs</td>
<td>Milwaukee WI</td>
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* WebEx / Teleconference

Six of eight member firms were present (75%) at the meeting.

Approval of Previous Meeting Minutes
The CSCTC minutes of the Oct 10, 2018 meeting had been distributed to the group members before the meeting and now were displayed on screen. The minutes were accepted as submitted by voice vote.

Old Business

Crusher Operator Safety Manual. The first draft (template) was shown to the group, ready for the review to begin. Content scope was discussed (mobile or portable, etc), and the reviewing process. The target finish date was set for 8 weeks from start, and hoping for print version to be available 2 weeks or similar time frame after review finish.
Clearing Blocked Crushers Best Practices Document. This also is desired to move quickly. A WebEx will be planned for March or April.

The reviewers include these volunteers. Others are welcome.
- Matt Brinkman, Screen Machine Indus
- Tom Cole, Eagle Crusher
- Walter Schoch, Wirtgin-Kleeman (Germany)
- Albert Van Mullem, Telsmith (Astec)
- Eric Dombrowski, iRock Crushers

Vibrating Screen Operator Safety Manual work will closely follow the crusher operator manual. Before a request was made several member companies expressed their intent to send screen safety content to AEM. The group hopes to the review can begin by summer.

The partially completed standards excel sheet on group products will be emailed to the group, with the status of a possible AEM database. The item will be on the next agenda.

Group interest in a best practice document on reducing respirable crystalline silica dust exposure around machinery remains on the group’s to-do list, but will be delayed due to the several other current safety projects. It will be on the next meeting’s agenda.

A CSCTC Bylaws draft document was distributed pre-meeting. At the meeting members deferred an acceptance vote so members have time to again review, to forward any errors, emissions, and suggestions to AEM by March 5. An updated the draft document will be emailed for final review, and a group acceptance or refusal vote by email by March 15.

China’s engine emission related regulations – the group discussed the soon required engine emission, GPS location, and other machine performance metric telematics in China. AEM will send regulation details and status following the meeting.

Canada’s IES-002 regulation was described. Several attendees were unaware so AEM will send information. Further, Canada has intent to eliminate all asbestos use by 2025, and have become quite active in regulations generally.

ISO 21873-2 Crusher Safety is at the FDIS ballot stage (Final Draft International Standard Ballot). AEM will determine the ballot status and communicate to members.

TC195 WG9 (Working Group Nine) will meet at Wacker Neuson in Menominee Falls WI on May 20-22. WG9 work is on asphalt pavers, compactors and other equipment that is not within the scope of the CSCTC, but somewhat related. AEM will work to distribute a WG9 agenda to CSCTC members. Anyone wishing meeting details may contact AEM.

It was noted EN620 bulk material conveyor safety will likely be published in 2019.

New Business

Developing regulations in India on “heavy earthmoving Machinery” that a member described and that include diesel emission requirements were discussed. Certain off-road equipment such as loaders and dozers will must meet Bahrat 4 in 2021. Crushers and screens must meet Bahrat 4 by 4/1/2023.

Telematics going into India must now be certified by India. A member described the certification process as being very expensive, pushing most companies to ship to India without the system. Into effect Oct 2018.
The Gulf States region now requires that that complete risk assessment documents be submitted for their imports. Burton will distribute available information.

Other items in Old Business:
- WorkSafeBC plans to propose a Respirable Crystalline Silica Rule
- F-Gas, ie refrigerant gases in the hydrofluorocarbon category, and the situation with the replacement for R-134A called YF-1234 (aka “YF”). AEM is working to get YF approved for off-road use (the process is known as “SNAP” application).
- ISO/FDIS 21873-2 Mobile crusher - Safety requirements (US project lead) - WG8

Association Report
The AEM Fall Product Group meetings were described to the group, including the value of its “anchor” CE Standards and Regulations Cmte meeting. Meeting in conjunction with this group of meetings is another option for future CSCTC meetings.

OSHA & MSHA Emphasis items, and recent attention MSHA has given to proximity sensors and conveyor fatalities.

AEM’s two technical product seminars on Product Safety & Compliance (PSCS), and Product Liability (PLS) in Spring 2019 were reviewed, and the industry helping industry nature of the PSCS.

John Wagner of AEM was recommended as a source of information and assistance on regulated substances rules, and California Proposition 65 (carcinogens and mutagens), and other regulations.

Election  None due. Next regular election should be Fall 2019, Chair and Vice-Chair.

Next Meeting. Attendee consensus was to preferably meet in conjunction with the CPMTC, accepted Wirtgen’s offer to host at their Antioch TN facility, on an Oct 8, 2019 target date.

Adjournment. Members approved a motion to adjourn at 10:12 am.

Supplement to Minutes: Meeting Action items
1) A WebEx/Conf call is to be arranged re: Clearing Blocked Crusher Best Practices,
2) Email the 2006 excel product standard list to the CSCTC, and update on AEM discussion of creating a database or list of standards applicable by product types.
3) CSCTC members will be reminded to send vibrating screen user safety info, for use in creating an Operator Safety Manual.
4) compile draft bylaw input by Mar 5 and collect accept/reject votes by Mar 15 (one vote/firm),
5) distribute information on, a) China’s proposed required GPS & In-use testing, b) Canada’s IES-002 rule, c) status of ISO21873 FDIS ballot, and d) Gulf States requirement to receive detailed risk assessment files on machine imports.