



CONVEYOR EQUIPMENT
MANUFACTURERS ASSOCIATION

27400 Riverview Center Blvd., Suite 2

Bonita Springs, Florida 34134

Tel: (239) 514-3441

Fax: (239) 514-3470

www.cemanet.org



**2023 CEMA ENGINEERING CONFERENCE
BULK HANDLING SAFETY COMMITTEE MEETING**

Naples Grande Beach Resort, Naples, FL

Monday, June 12, 2023 – 10:45 am

AGENDA

1. Call to order.
2. Attendance and Introductions.
3. Approval of Minutes of November 8, 2022 (attached).
4. Old business
 - a) **CEMA Safety Guide No. 06 “Design and Safe Application of Crossovers and Crossunders for Bulk Handling Conveyors” – Updates**
Subcommittee: Todd Swinderman, RToddS Engineering LLC.; Travis Faulhaber, Imperial Conveying System.

The assignment was to review the CEMA Safety Guide No. 01 (Former CEMA SBP-001) to cover both Unit and Bulk applications. The idea is to prepare a draft for a Safety Guide Document for Bulk Handling Crossovers. After discussion, it was decided that combining Unit and Bulk into one document would be difficult.

The document was sent to the CEMA Official Representatives (ORs) for their review and approval.

- b) **CEMA Safety Guide No. 07 “Conveyor Belt Fire Safety” – Updates**
In past meetings, there was a discussion about the types and frequencies of hazards in Unit Handling applications. After discussion, it was agreed that the Safety Guide is issued as a Bulk document.

Todd Swinderman reviewed the opening paragraph to establish that the Safety Guide is for Bulk Handling Conveyors. The document was sent to the CEMA Official Representatives (ORs) for their review and approval.

- c) **CEMA Safety Guide No. 08 “Commissioning, Safe-Operation, and Field Inspection of Backstops”** (Former Best Practice Guide for Inspection, Application, Servicing, and Maintenance of Backstops topic) – Updates
Subcommittee: Raul Morales, Rexnord; Rich Collins, Ringspann Corporation; Hans



CONVEYOR EQUIPMENT
MANUFACTURERS ASSOCIATION

27400 Riverview Center Blvd., Suite 2
Bonita Springs, Florida 34134
Tel: (239) 514-3441
Fax: (239) 514-3470

www.cemanet.org



Rodgers, SEW-Eurodrive; Charlie Ritinski, Sumitomo Machinery Corporation of America

The committee decided to create a Safety Guide about backstops which contains: Commissioning of Backstops, Safe Operation of Backstops, and Field Inspection of Backstops. Additionally, the white paper “Field Inspection of Backstops” created by Rich Collins, is already published on the CEMA’s website.

The document was sent to the CEMA Official Representatives (ORs) for their review and approval.

d) **CEMA White Papers Suggestions** – Volunteers needed.

- Safe practices for belting installation
- The basic best safe practices for working around the conveyors.
- Why standards for conveyors are for safeguarding people from inadvertent contact with hazards, and the issues with safeguarding for intentional contact with conveyor hazards.

e) **ASME B20.1 Appendix II** (ASME B20.1 Committee Request) – Updates

ASME B20.1 Committee has been working on an appendix for “fixed in place” conveyors.

Work on the document has been paused while the CEMA Guide 02 “Installation and Start-Up of Belt Conveyors Handling Bulk Materials” revisions are completed. Once this document is complete, then a summary table of installation tolerances will be developed to replace Appendix D in the 8th edition is being finalized.

So that everything stays harmonized the work on ASME B20.1 Appendix II is also paused so that the documents will be using the same tolerances and recommendations.

5. Election of a Vice Chair.

6. New Business

- a) **Idler Change Out Document** (Review for safety issues)
- b) **Suggestion that CEMA Safety Committees coordinate with ASME B20.1 and B11.19 Committees.**

7. Next Meeting – November 7, 2023, Virtual CEMA Fall Engineering Conference.

8. Adjourn.

Todd Swinderman, Acting Chair



**2022 VIRTUAL CEMA FALL ENGINEERING CONFERENCE
BULK HANDLING SAFETY SUBCOMMITTEE MEETING**

Cisco Webex Meetings
Tuesday, November 8, 2022

MINUTES

1. Call to order
Todd Swinderman, RToddS Engineering LLC; Acting Chair, called the meeting to order at 2:20 pm.
2. Attendance and Introductions – Roll call attached
3. Approval of Minutes of June 13, 2022 – Minutes were approved.
4. Old business
 - a) **Best Practice Guide for Inspection, Application, Servicing, and Maintenance of Backstops** – Updates
Subcommittee: Raul Morales, Rexnord; Rich Collins, Ringspann Corporation; Hans Rodgers, SEW-Eurodrive; Charlie Ritinski, Sumitomo Machinery Corporation of America

The committee decided to create a Best Practice Guide about backstops which contains three (3) chapters: Commissioning of Backstops, Safe Operation of Backstops, and Field Inspection of Backstops.

Rich Collins will write an introduction combining the three chapters in one document and forward it to CEMA staff for the approval process. This is still in progress. The subcommittee will provide the final document at the 2023 CEMA Summer Engineering Conference.

Additionally, the white paper “Field Inspection of Backstops” created by Rich Collins, is already published on the CEMA’s website.

- b) **Conveyor Belt Fire Safety Best Practice Guide** – Updates
In past meetings, there was a discussion about the types and frequencies of hazards in Unit Handling applications. After discussion, it was agreed that the Best Practice Guide is issued as a Bulk document.

Todd Swinderman reviewed the opening paragraph to establish that the Best Practice Guide is for Bulk Handling Conveyors. The document is ready for approval and it will be sent to the attendees of this committee after this meeting.



CONVEYOR EQUIPMENT
MANUFACTURERS ASSOCIATION

27400 Riverview Center Blvd., Suite 2
Naples, Florida 34134
Tel: (239) 514-3441
Fax: (239) 514-3470

www.cemanet.org



- c) Review current **Safety Best Practices Recommendation CEMA SBP-001 Design and Safe Application of Conveyor Crossovers for Unit Handling Conveyors** for development of Bulk Handling Crossover Best Practices – Updates

Volunteers: Todd Swinderman, RTodds Engineering LLC.; Travis Faulhaber, Imperial Conveying System.

The assignment was to review the best practice to cover both Unit and Bulk applications. The idea is to prepare a draft for a Safety Best Practices Recommendation Document for Bulk Handling Crossovers. After discussion, it was decided that combining Unit and Bulk into one document would be difficult.

The document name is Safety Best Practices Recommendation CEMA SBP-006 "Design and Safe Application of Crossovers and Crossunders for Bulk Handling Conveyors" and is ready to be sent to the attendees of this committee for review and approval after this meeting.

- d) **CEMA White Papers Suggestions** – Volunteers needed.

- Safe practices for belting installation
- The basic best safe practices for working around conveyors
- Why standards for conveyors are for safeguarding people from inadvertent contact with hazards, and the issues with safeguarding for intentional contact with conveyor hazards.

No volunteers at this time.

5. New Business

- a) **ASME B20.1 Appendix II** – ASME B20.1 Committee Request

ASME B20.1 Committee has been working on an appendix for “fixed in place” conveyors. They asked if there is interest by this Subcommittee in making the proposed B20.1 Appendix II a CEMA’s Best Practices Guide in lieu of ASME undertaking the task.

It was agreed to send the draft to the attendees for review and vote regarding the interest in making this a CEMA Best Practices Guide.

6. Next Meeting – June 12, 2023, LaPlaya Beach & Golf Resort, Naples, FL.

7. Meeting was adjourned at 2:45 pm

Todd Swinderman, Acting Chair