



**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 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
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- 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

2022 CEMA VIRTUAL FALL ENGINEERING CONFERENCE - BULK HANDLING SAFETY SUBCOMMITTEE - Roll Call

Attendance Count	Event Name	First Name	Last Name	Email	Title	Company	Phone	Country/Region
1	2022 CEMA Fall Engineering Conference - Bulk Handling Safety Subcommittee	Juan	Aristizabal	aristizabal.juan@dismet.com	Engineer	DISMET SAS	57-6017494000	Colombia
2	2022 CEMA Fall Engineering Conference - Bulk Handling Safety Subcommittee	Casey	Bergman	casey@vortexglobal.com	Product Development Manager	Salina Vortex Corp.	1-7858257177	United States of America
3	2022 CEMA Fall Engineering Conference - Bulk Handling Safety Subcommittee	Steve	Boudreau	sboudreau@screwconveyor.com	Engineering Director	Screw Conveyor	1-6302973148	United States of America
4	2022 CEMA Fall Engineering Conference - Bulk Handling Safety Subcommittee	Benjamin	Brewer	bbrewer@douglasmanufacturing.com	Chief Engineer	Douglas Mfg	1-2057530347	United States of America
5	2022 CEMA Fall Engineering Conference - Bulk Handling Safety Subcommittee	Alberto	Chamorro	achamorro@douglasmanufacturing.com	Engineer	Douglas Manufacturing	1-2057530727	United States of America
6	2022 CEMA Fall Engineering Conference - Bulk Handling Safety Subcommittee	Marc	Dos Santos	marc@dossantosintl.com	VP/COO	Dos Santos International	1-7704239895	United States of America
7	2022 CEMA Fall Engineering Conference - Bulk Handling Safety Subcommittee	Nate	Evans	nevans@seweurodrive.com	Application Engineer	SEW Eurodrive	1-12143304824	United States of America
8	2022 CEMA Fall Engineering Conference - Bulk Handling Safety Subcommittee	Naylu	Garces	naylu@cemanet.org	CEMA's Engineering Manager	CEMA	1-2392608009	United States of America
9	2022 CEMA Fall Engineering Conference - Bulk Handling Safety Subcommittee	Kevin	Guay	kevin.guay@nhi-mfg.com	Dir.-Product Development & Engineering	NHI	1-603-285-9336	United States of America
10	2022 CEMA Fall Engineering Conference - Bulk Handling Safety Subcommittee	Nick	Heward	nicholas.heward@mhsglobal.com	Project Engineer	Material Handling Systems	1-801-834-3535	United States of America
11	2022 CEMA Fall Engineering Conference - Bulk Handling Safety Subcommittee	Joshua	Holcombe	joshua.holcombe@continental.com	Research and Development Engineer	Continental	1-9376448913	United States of America
12	2022 CEMA Fall Engineering Conference - Bulk Handling Safety Subcommittee	Josh	Manuel	jmanuel@duraplasinc.com	SALES	MAXI-LIFT INC	1-972-735-8855	United States of America
13	2022 CEMA Fall Engineering Conference - Bulk Handling Safety Subcommittee	Dan	Modzeleski	daniel.modzeleski@dematic.com	Product Safety Engineer	Dematic Corp	1-6165607303	United States of America
14	2022 CEMA Fall Engineering Conference - Bulk Handling Safety Subcommittee	Andres	Pinto Goya	f.vergara@tecrapol.com	Engineer	TEC RAPOL	56-990893706	Chile
15	2022 CEMA Fall Engineering Conference - Bulk Handling Safety Subcommittee	Ryan	Remetich	rremetich@douglasmanufacturing.com	Mechanical Engineer	Douglas Manufacturing	1-2058841200	United States of America
16	2022 CEMA Fall Engineering Conference - Bulk Handling Safety Subcommittee	Jacob	Rider	jrider@kwsmfg.com	Engineering Manager	KWS Manufacturing	1-8175284184	United States of America
17	2022 CEMA Fall Engineering Conference - Bulk Handling Safety Subcommittee	Hans	Rodgers	hrodgers@seweurodrive.com	Industry Account Specialist	SEW EURODRIVE	1-314-441-9249	United States of America
18	2022 CEMA Fall Engineering Conference - Bulk Handling Safety Subcommittee	Dan	Rosseljong	dan.rossejong@shi-g.com	Gearbox Product Manager	Sumitomo Drive Technologies	1-7574853355	United States of America
19	2022 CEMA Fall Engineering Conference - Bulk Handling Safety Subcommittee	Paul	Schmidgall	p.schmidgall@superior-ind.com	Chief Engineer	Superior Industries	1-3205892406	United States of America
20	2022 CEMA Fall Engineering Conference - Bulk Handling Safety Subcommittee	R.	Todd Swinderman	rtodds.eng@gmail.com	Owner	RTodds Engineering, LLC	1-386-589-4384	United States of America