



**2022 CEMA FALL ENGINEERING CONFERENCE
BULK HANDLING SECTION MEETING**

Cisco Webex Meetings
Tuesday, November 8, 2022

MINUTES

1. Call to order
Jeff Ellis, PPI; Chair, called the meeting to order at 11:20 am.
2. Attendance and Introductions – Roll call attached.
3. Approval of Minutes of June 14, 2022 – Minutes were approved.
4. Old business
 - a) **Belt Tracking discussion and Comparison of CEMA and ISO Belt Tracking Allowances – Updates.**
Subcommittee: Todd Hollingsworth, Raw Resources, LLC (Chair); Jim Masek & Jeff Ellis, PPI; Brett DeVries, FLEXCO; Todd Swinderman, RToddS Engineering LLC; Benjamin Brewer, Douglas Manufacturing Co., Inc.; Akiko Wakatsuki, Fenner Dunlop Conveyor Belting, Joshua Holcombe, Continental Contitech North America, Inc.; Chad Brown, Dodge Industrial Inc.

The section considers this a multidisciplinary topic since has been discussed in different individual sessions of the CEMA's Committees. The key people from CEMA's Conveyor Pulley Committee, Conveyor Idler Committee, and Bulk Conveyor Accessories Committee created a subcommittee to work on this topic.

The subcommittee presented the draft of the document "CEMA's System Mistracking Allowance Guide". The name was changed because it will be more focused on the conveyor as a system.

Before sending the document for approval, a cover letter needs to be written regarding misalignment allowances following ISO that ARPM recently adopted and the problem for the end-users.

- b) **Conveyor Energy Efficiency White Paper – Updates.**
Volunteers: Peter Bradley and Sean Henry; Continental Contitech North America, Inc.

Robin Steven started this already and the current Continental Contitech North America,



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Inc. members (Peter Bradley and Sean Henry) would work on reviewing it to submit it for approval.

Tabled until the 2023 CEMA Engineering Conference because the volunteers were not present during this meeting.

5. New Business

a) Updates from the **CEMA Bulk Handling Safety Subcommittee** that will be discussed during their meeting:

- **ASME B20.1 Appendix II** - 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.
- **Best Practice Guide for Inspection, Application, Servicing, and Maintenance of Backstops** – 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.
- **Conveyor Belt Fire Safety Best Practice Guide** – 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.
- 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 - The idea is to prepare a draft for a Safety Best Practices Recommendation Document for Bulk Handling Crossovers.

6. Next Meeting – June 13, 2023, LaPlaya Beach & Golf Resort, Naples, FL.

7. Meeting was adjourned at 12:05 pm

Jeff Ellis, Chair
Benjamin Brewer, Vice-Chair

2022 CEMA VIRTUAL FALL ENGINEERING CONFERENCE - BULK HANDLING SECTION - Roll Call

Attendance Count	Event Name	First Name	Last Name	Email	Title	Company	Phone	Country/Region
1	2022 CEMA Fall Engineering Conference - Bulk Handling Section	Juan	Aristizabal	aristizabal.juan@dismet.com	Engineer	DISMET SAS	57-6017494000	Colombia
2	2022 CEMA Fall Engineering Conference - Bulk Handling Section	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 Section	Steve	Boudreau	sboudreau@screwconveyor.com	Engineering Director	Screw Conveyor	1-6302973148	United States of America
4	2022 CEMA Fall Engineering Conference - Bulk Handling Section	Benjamin	Brewer	bbrewer@douglasmanufacturing.com	Chief Engineer	Douglas Mfg	1-2057530347	United States of America
5	2022 CEMA Fall Engineering Conference - Bulk Handling Section	Chad	Brown	cbrown@dodgeindustrial.com	Application Engineering Manager	Dodge Industrial	1-8642526195	United States of America
6	2022 CEMA Fall Engineering Conference - Bulk Handling Section	Alberto	Chamorro	achamorro@douglasmanufacturing.com	Engineer	Douglas Manufacturing	1-2057530727	United States of America
7	2022 CEMA Fall Engineering Conference - Bulk Handling Section	Brett	DeVries	bdevries@flexco.com	Engineer	FLEXCO	1-6162421636	United States of America
8	2022 CEMA Fall Engineering Conference - Bulk Handling Section	Marc	Dos Santos	marc@dossantosintl.com	VP/COO	Dos Santos International	1-7704239895	United States of America
9	2022 CEMA Fall Engineering Conference - Bulk Handling Section	Jeff	Ellis	jellis@ppi-global.com	Product Engineering Manager	Precision Pulley and Idler	1-6416212523	United States of America
10	2022 CEMA Fall Engineering Conference - Bulk Handling Section	Nate	Evans	nevans@seweurodrive.com	Application Engineer	SEW Eurodrive	1-12143304824	United States of America
11	2022 CEMA Fall Engineering Conference - Bulk Handling Section	Naylu	Garces	naylu@cemanet.org	CEMA's Engineering Manager	CEMA	1-2392608009	United States of America
12	2022 CEMA Fall Engineering Conference - Bulk Handling Section	Kevin	Guay	kevin.guay@nhi-mfg.com	Dir.-Product Development & Engineering	NHI	1-603-285-9336	United States of America
13	2022 CEMA Fall Engineering Conference - Bulk Handling Section	Nick	Heward	nicholas.heward@mhsglobal.com	Project Engineer	Material Handling Systems	1-801-834-3535	United States of America
14	2022 CEMA Fall Engineering Conference - Bulk Handling Section	Joshua	Holcombe	joshua.holcombe@continental.com	Research and Development Engineer	Continental	1-9376448913	United States of America
15	2022 CEMA Fall Engineering Conference - Bulk Handling Section	Todd	Hollingsworth	thollingsworth@rawgrp.com	Engineering Technical Specialist	Raw Resources, LLC	1-2088702820	United States of America
16	2022 CEMA Fall Engineering Conference - Bulk Handling Section	David	Keech	dkeech@dodgeindustrial.com	Senior Development Engineer	Dodge Industrial	1-8645532101	United States of America
17	2022 CEMA Fall Engineering Conference - Bulk Handling Section	Josh	Manuel	jmanuel@duraplasinc.com	SALES	MAXI-LIFT INC	1-972-735-8855	United States of America
18	2022 CEMA Fall Engineering Conference - Bulk Handling Section	Jim	Masek	jmasek@ppi-global.com	Engineering Manager	PPI	1-6417803135	United States of America
19	2022 CEMA Fall Engineering Conference - Bulk Handling Section	Scott	Moss	scott.moss@gates.com	Business Development Mgr	Gates Corporation	1-7049079625	United States of America
20	2022 CEMA Fall Engineering Conference - Bulk Handling Section	Paul	Ormsbee	ormsbee@overlandconveyor.com	General Manager	Overland Conveyor Company	1-3038038850	United States of America
21	2022 CEMA Fall Engineering Conference - Bulk Handling Section	Andres	Pinto Goya	f.vergara@tecrapol.com	Engineer	TEC RAPOL	56-990893706	Chile
22	2022 CEMA Fall Engineering Conference - Bulk Handling Section	Ryan	Remetich	rremetich@douglasmanufacturing.com	Mechanical Engineer	Douglas Manufacturing	1-2058841200	United States of America
23	2022 CEMA Fall Engineering Conference - Bulk Handling Section	Jacob	Rider	jrider@kwsfmfg.com	Engineering Manager	KWS Manufacturing	1-8175284184	United States of America
24	2022 CEMA Fall Engineering Conference - Bulk Handling Section	Hans	Rodgers	hrodgers@seweurodrive.com	Industry Account Specialist	SEW EURODRIVE	1-314-441-9249	United States of America
25	2022 CEMA Fall Engineering Conference - Bulk Handling Section	Dan	Rosseljong	dan.rossejong@shi-g.com	Gearbox Product Manager	Sumitomo Drive Technologies	1-7574853355	United States of America
26	2022 CEMA Fall Engineering Conference - Bulk Handling Section	Paul	Schmidgall	p.schmidgall@superior-IND.com	Chief Engineer	Superior Industries	1-3205892406	United States of America
27	2022 CEMA Fall Engineering Conference - Bulk Handling Section	Benjamin	Schweikart	bschweikart@argonics.com	Product Engineer	Argonics, Inc.	1-9063154154	United States of America
28	2022 CEMA Fall Engineering Conference - Bulk Handling Section	Scott	Smith	ssmith@richwood.com	R&D Engineer	Richwood	1-3046339677	United States of America
29	2022 CEMA Fall Engineering Conference - Bulk Handling Section	Geoff	Stoll	gstoll@richwood.com	Engineering Manager	Richwood	1-3045255436	United States of America
30	2022 CEMA Fall Engineering Conference - Bulk Handling Section	R.	Todd Swinderman	rtodds.eng@gmail.com	Owner	RTodds Engineering, LLC	1-386-589-4384	United States of America
31	2022 CEMA Fall Engineering Conference - Bulk Handling Section	Tony	Van Zee	tvanee@ppi-global.com	Engineer	PPI	1-6416212520	United States of America