



Conveyor Equipment Manufacturers Association

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2021 CEMA VIRTUAL FALL ENGINEERING CONFERENCE UNIT HANDLING SAFETY SUBCOMMITTEE MEETING

Tuesday, November 9, 2021

MINUTES

1. Call to order
Troy Uahinui, Honeywell Intelligrated, chair; called the meeting to order at 1:05 pm.
2. Attendance and Introductions – Via virtual registration (roll call attached)
3. Approval of Minutes of June 16, 2021 – Minutes were approved.
4. Old Business
 - a) **CEMA SBP-001 “Design and Safe Application of Conveyor Crossovers for Unit Handling Conveyors”** – Updates
Subcommittee: Troy Uahinui & Greg Pollit, Honeywell Intelligrated; Glen Langstaff, Ralph-Pugh Co., Inc.; Boyce Bonham, Hytrol Conveyor Co. Inc.
Discussed the proposed changes throughout the document. Additionally, it was a concern about the backstop 10-inch hole requirement. It was not clear the origin of this change. This document will get sent out to all attendees for this Virtual/EC 2021 for review/approval after this meeting.
 - b) **CEMA SBP-003 “Design and Application of Spill Guarding for Unit Handling Conveyors” Approval** – Updates
Subcommittee: Troy Uahinui & Greg Pollit, Honeywell Intelligrated; Glen Langstaff, Ralph-Pugh Co., Inc.; Boyce Bonham, Hytrol Conveyor Co. Inc.
The proposed change was reviewed again. The document will be sent to all attendees for this Virtual/EC 2021 for review/approval after this meeting.
 - c) **CEMA Safety Videos** – Updates
Videos are in progress of being reformatted into a digital format. The videos are planned to be released in late January/February 2022.
 - d) **Safety Best Practices, Conveyor Drives Research** – Updates (A draft outline needs to be created)
The idea was to see if there a best practice for using a belt conveyor’s drive motor to aid in threading a new belt onto a conveyor instead of just pulling by hand or using a powered industrial vehicle. This topic will be tabled until 2022 CEMA Engineering Conference. Troy Uahinui will Discuss with Todd Swinderman regarding this subject.
 - e) **CEMA SBP-002 “E-Stop Application Guide for Unit and Bulk Material Handling Conveyor Systems”** – Updates. Review of work completed by Controls Committee.
No progress has been made. Troy Uahinui will contact the subcommittee for a status update.

- f) **Review of investigation into hazards created by MDR (ANSI/CEMA Std. No.407 “Motor Driven Live Roller Conveyors”)** – Updates.

Subcommittee: Dan Modzeleski, Dematic, and Boyce Bonham, Hytrol Conveyor Co. Inc.

The gist of the study was that while individual motor driven rollers do have some features that are inherently safe, used as part of a system could still present a hazard. One example offered was the hazard presented by a weighted tote being conveyed at high speeds and striking fingers between the tote and an end-stop.

From the 2021 CEMA Fall Meeting Minutes, the subcommittee reported based on findings in the research regarding MDR they determined no changes needed in the standard as a conclusion of this topic. The revision is complete.

- g) **Review of Best Practice for Implementation of Fire and Explosion Preventive Measures** – from the Bulk Handling Safety Subcommittee – Status Update

ASME B20.1 – B11.9 – Conveyor Belt Fire Safety Best Practice Guide – The Unit Handling Safety Subcommittee needs to review this. What are they going to do with this? Should this document be a joint document or single document for each subcommittee, or should it be a standalone for just Bulk?

Tamara Thimmel volunteered to review the Conveyor Belt Fire Safety Best Practice Guide created by the Bulk Handling Safety Subcommittee and provide comments in two weeks.

5. New Business

- a) **B20.1 Committee** – Updated the committee status of B20.1-2021 is available for purchase.

6. Next Meeting – June 13, 2022, at La Playa Beach & Golf Resort, Naples, FL.

7. The meeting was adjourned at 1:27 pm.

Troy Uahinui, Chair

2021 CEMA VIRTUAL FALL ENGINEERING CONFERENCE - UNIT HANDLING SAFETY SUBCOMMITTEE MEETING - Roll Call

Attendance Count	Event Name	First Name	Last Name	Email	Title	Company	Phone	Country/Region
1	2021 CEMA Fall Engineering Conference - Unit Handling Safety Subcommittee	Zack	Amos	zamos@dodgeindustrial.com	Application Engineer	Dodge Industrial	1-8642812162	United States of America
2	2021 CEMA Fall Engineering Conference - Unit Handling Safety Subcommittee	Doug	Crowder	dcrowder@frantz-mfg.com	Director of Engineering	Frantz Mfg Co	1-8156222146	United States of America
3	2021 CEMA Fall Engineering Conference - Unit Handling Safety Subcommittee	Jeff	Ellis	jellis@ppi-global.com	Product Engineering Manager	Precision Pulley and Idler	1-6416212523	United States of America
4	2021 CEMA Fall Engineering Conference - Unit Handling Safety Subcommittee	Naylu	Garces	naylu@cemanet.org	Engineering Manager	CEMA	1-2392608009	United States of America
5	2021 CEMA Fall Engineering Conference - Unit Handling Safety Subcommittee	Kara	Leeds	karaleeds@dfandi.com	Engineering Supervisor	Design, Fabricators, and Integrators	1-5137078749	United States of America
6	2021 CEMA Fall Engineering Conference - Unit Handling Safety Subcommittee	Kimberly	MacLaren	kim@cemanet.org	Mgr. Marketing/Membership	CEMA	1-2392608406	United States of America
7	2021 CEMA Fall Engineering Conference - Unit Handling Safety Subcommittee	Jim	Masek	jmasek@ppi-global.com	Engineer	PPI	1-6417803135	United States of America
8	2021 CEMA Fall Engineering Conference - Unit Handling Safety Subcommittee	Rodney	Mishmash	r.mishmash@interroll.com	Engineering Manager	Interroll Corp	1-7192503633	United States of America
9	2021 CEMA Fall Engineering Conference - Unit Handling Safety Subcommittee	Dan	Modzeleski	daniel.modzeleski@dematic.com	Engineer	Dematic Corp	1-6165607303	United States of America
10	2021 CEMA Fall Engineering Conference - Unit Handling Safety Subcommittee	Paul	Schmidgall	p.schmidgall@superior-ind.com	Chief Engineer	Superior Industries	1-3205892406	United States of America
11	2021 CEMA Fall Engineering Conference - Unit Handling Safety Subcommittee	Samip	Shah	samip.shah@lenze.com	Application Engineer	Lenze Americas	1-3317040598	United States of America
12	2021 CEMA Fall Engineering Conference - Unit Handling Safety Subcommittee	Tamara	Thimmel	tamara@bryantpro.com	President	Bryant Products	1-2625103842	United States of America
13	2021 CEMA Fall Engineering Conference - Unit Handling Safety Subcommittee	Troy	Uahinui	troy.uahinui@honeywell.com	Safety Compliance Sr Manager	Honeywell Intelligated	1-5139682115	United States of America