



**MINUTES OF THE CEMA ANNUAL MEETING
JOINT SCREW CONVEYOR & BUCKET ELEVATOR SECTION MEETING
Naples Grande Beach Resort, Naples, Florida
Monday, March 12, 2018**

1. Meeting called to Order at 7:30 a.m. and Roll Call (attached)
2. Minutes of September 20, 2017, Meeting
 - a. Amendments to the minutes were made to remove the risk assessment verbiage and that a statement (warning/safety updates) was to be added to the **CEMA TR 2015-1 Risk Assessment** publication. The statement was to be added to the following publications: CEMA Document SC 2018-01, Screw Drag, and Bucket Elevator Warning/Safety Reminders, (rev. SC 2004-01), CEMA No. 352 and CEMA No. 353. The only change to the CEMA TR 2015-1 Risk Assessment was a spelling error on page 18, Appendix 4, Ref #2, second line 'buns' to 'bins'.
 - b. Minutes were approved as amended
3. Screw Conveyor Safety Video/Pub Inventory
 - a. Sales for 2017 of the above were as follows:
 - i. Screw conveyor DVD – 519 sales, 452 in inventory
 - ii. Standards 350/300/352 pdf – non-member sales 65, member sales 8
 - iii. Standard 300 pdf – nonmember sales 17, member sales 1
 - iv. Standard 352 pdf – nonmember sales 8
4. Review Engineering Conf./Fall Meeting Items
 - a. Std.300-001 – Helicoid Flight OD Tolerance Survey
 - i. Motion to approve use of “nominal thickness” for OD dimension/tolerance on helicoid flight
 - ii. Approved
 - b. Std.300-019 – 2 & 3-Bolt Coupling Shaft Dimensional Standards for 3-5/16”, 4-7/16”, and 4-15/16” Shaft Diameters.
 - i. Section was advised that this 2 & 3-Bolt Coupling Shaft Dimensional Standards were approved; however, there should be a separate standard created for each of the 2-bolt and 3-bolt coupling shaft products, i.e. 300-019b, 300-019c. The Engineering committee will need to develop these separate standard depictions.
 - c. Std. 300-013 – U-Tough End Plates: Adding end plate designs for the 30” and 36” screws.
 - i. A survey has been completed and from this, it was agreed to add 30 and 36” screw diameters to standard. Engineering Conference Committee will provide information.
 - ii. Section was advised that with implementation of the 30 and 36” Screw Dimensions in 350, that the Std. 300 Series, i.e. 002 – 016, 023-026, and 031-

034 should have the completed modifications of 30" and 36" added by the Engineering committee and presented to OR's at the fall 2018 meeting for approval. Once approved standard will go through ANSI re-certification.

- d. ANSI/CEMA Std. No. 350 Update
 - i. Cosmetic Changes were completed but printing is on hold
 - ii. The Materials Master List that is in ANSI/CEMA Std. 550 needs to be reviewed as there are inconsistencies of the list in documents CEMA No. 576, 350, and 7th ed. Belt Book. Section will present to the Bulk Handling Committee for consideration of action plan
 - e. Inclined and Vertical Screw Conveyors
 - i. The general information has been added to 'Members ONLY Page'. Note that no comment on it has been received.
 - ii. Review of this separate "members only" document was tabled until the ANSI/CEMA Std. No. 350 would be up for review and revision, as it has a section in it already for inclined and vertical screw conveyors.
 - f. Bucket Elevator Book
 - i. 3 member company representatives formed a committee (David Stronczek, Martin S&G, Warren Knapp, SCC, and Andrew Beadle, Universal Industries) and are in the process of reviewing the errata for this book, i.e. formulas, tables, definitions. Grammatical errata will be corrected by CEMA staff. The section will encourage engineering conference committee to push this to completion.
 - ii. Only 25 books are in stock; will need to reprint in the near future.
 - iii. The new OSHA and NFPA platform and worker tethering changes need to be reviewed and determine proposed changes to the Bucket Elevator book by the engineering conference committee.
 - g. CEMA TR 2015-1 Risk Assessment
 - i. The advisement is in the minutes above 2.a.
 - h. Bucket Elevator – Materials Master List
 - i. See minutes item 4.d.ii.
5. Membership Committee Representation
- a. Report given describing 3 new members, 1 pending member, 3 prospective members and 4 member resignations.
6. Election of Officers
- a. Tom Young and Andy Blanchard were elected Chair and Vice Chair for the Joint Screw Conveyor & Bucket Elevator section.
 - b. A motion was approved to thank Noel Bell for his 4 (2014-2018) years of service on the section, with 2 of those years as chair. Great job.
7. Next Meeting of the Section - September 19, 2018, Hilton Chicago O'Hare Airport. Chicago, IL
8. Meeting adjournment at 8:40 a.m.

Tom Young, Vice Chair/Secretary