



**2023 CEMA ENGINEERING CONFERENCE
CONVEYOR CHAIN AND SPROCKET COMMITTEE MEETING**

Naples Grande Beach Resort, Naples, FL
Tuesday, June 13, 2023 – 1:00 pm

AGENDA

1. Call to order.
2. Attendance and Introductions.
3. Approval of Minutes of June 14, 2022 (attached).
4. Old business
 - a) **Chain and Sprocket Lubrication Recommendation White Paper** (Former “Green environmental impact to chain & sprocket life and quality/Lubrication specification and recommendation to chain and sprocket life white paper” Topic) – Updates
Volunteer: Rich Neuhengen, Timken/Drives/Diamond

Rich prepared a draft for a white paper about chain lubrication that was under review. There are some references to pages and documents outside of the supply documents that need to be cleaned up.

The section reviewed the draft and had some recommendations to be added to the white paper. The recommendations were sent to Rich Neuhengen by the section chairs.

- b) **Calculating rated working load best practices, AUS, and other chain standard calculations** – Updates. Volunteers needed.
Subcommittee: Jeremy Fogo, PEER Chain; Roger Bruere, 4B Components Ltd.; and Brian Cline, Webster Industries, Inc.

The section/committee agreed that the best practice would be to use ASME tensile strength information with permission from ASME. CEMA needs to develop the work first to grant permission by ASME to use their information.

It was proposed to break out into different types of chains: safety factor/calculation. ASME only lists the loads and safety factors of roller chains. Trying to standardize to make it the same across the board, the subcommittee is going to break the other styles/types of chains out by their categories.



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Roger will work on Drop Forged and Brian on Engineered Class Chain. For conveyor designers, comes down to calculated (published) working loads.

5. Election of a Vice-Chair.
6. New Business.
7. Next Meeting – November 7, 2023, Virtual CEMA Fall Engineering Conference.
8. Adjourn.

Brian Cline, Chair

