

EPC MAINTENANCE & RELIABILITY SUBCOMMITTEE MEETING

Location: Linde Engineering, Houston, TX + WebEx

Date: Thursday, February 15, 2018

Minutes Written By: Dane DeRouen

MEMBERS ATTENDING:

In Person:

Jorge Blanco (ARVOS)

Paul Van Helmond (Linde)

Dane DeRouen (BASF)

Phone:

Jimmy Cleavinger (CP Chem)

Chinh Dang (Technip FMC)

Shailendra Inamdar (Linde)

Dave Sankey (BASF)

The meeting was called to order at 10:06 am.

Proceedings:

- I. Greetings and opening remarks
- II. Reviewed agenda and read anti-trust statement
- III. Reviewed and approved previous meeting minutes
 - a. Jorge Blanco noted that the current session plan is extending past 5pm, which Paul Van Helmond said was reported at the last main EPC meeting, so they are informed, and it should not be a problem to run 15 minutes or so later than the scheduled program.
- IV. Jorge Blanco provided an update on papers and presentations.
 - a. Of the seven papers, six have been updated for final review and four draft presentations are available for review.
- V. Reviewed papers
 - a. Paper 123b, TLE Fitness for Service, by Jimmy Cleavinger et al, has cleared CP Chem's legal review. Only minor formatting adjustments are needed, which Jorge Blanco will make and send back to Jimmy.
 - b. Paper 123a, Fitness for Service, by Scott Bouse. Added paper number and title to abstract page. Jorge Blanco suggested sharing papers 123a and 123b with each presenter so they know how the FFS topic is being set up then followed with a detailed case study. John Norris (Stress Engineering) will present instead of Scott, so we need John's bio. Dane DeRouen will follow-up with Scott and John.
 - c. Paper 123c, Predictive Analytics, by Sandra Peterson et al: minor editorial comments which Jorge Blanco get back to Sandra.

- d. Paper 123f, Cold Service Bolted Joints, by Kathryn Worden: minor editing was suggested, which Jorge Blanco will relay to the author.
 - e. Paper 123e, High-temperature Hydrogen Attack, by Tatiana Randall: minor editing suggestions, which Dane DeRouen will relay back to Tatiana. Paul Van Helmond requested a copy of the paper to provide comment back on other area of the process where hydrogen is present under these conditions.
 - f. Paper 123d, Condition-based Recoiling, by Stefen Luijten: minor editing was suggested, which Jorge Blanco will relay to the author.
 - g. Paper 123g, Venturi Steam Trap, by Marc Froeyen: the last round of comments has not been transmitted back to the author. Dane DeRouen will assist John Weikel (sponsor) and the author as needed to finalize.
 - h. Jorge shared the first draft author bio document, which will be handed out at the beginning of the session so the audience can see the full author bios. Only minimal introductory remarks (name, title, company, for example) will be spoken from the podium to maximize presentation time. John Norris's bio needs to be added to the document. Jorge will send this document to the authors so they can check it before the conference.
- VI. Reviewed first draft presentations
- a. Draft presentations from Bouse, Worden, Peterson, and Luijten were reviewed. Sponsors are responsible for getting comments back to the authors.
 - b. All presentations (updated or first draft) will be reviewed during the next meeting.
- VII. Reviewed target dates
- a. Subcommittee goal is to have all papers finalized before the next (March 14) meeting.
 - b. Important dates:
 - i. March 14: All draft presentations in hand for review by subcommittee
 - ii. March 21: Official AIChE/EPC due date for draft papers
 - iii. March 28: Official AIChE/EPC due date for final papers
 - iv. April 9: Draft slides to AIChE/EPC
 - v. April 22-26 conference (Orlando, FL)
 - vi. April 22 (Sunday): subcommittee dinner
 - vii. April 23 (Monday): EPC speaker dinner
 - viii. April 24 (Tuesday): EPC networking lunch
 - ix. April 24 (Tuesday): Maintenance & Reliability Session
 - c. Keith Wade (Zeeco) and Paul Van Helmond (Linde) will sponsor and organize the subcommittee dinner planned for Sunday, April 22.
- VIII. Communications to Authors
- a. Jorge Blanco will communicate with authors and sponsors as needed for finalizing details before the conference.
- IX. New business: none was brought fourth.
- X. Next meetings
- a. March 14, 9:00am at BASF TOTAL Petrochemicals, Port Arthur
 - b. Any other meetings needed prior to the conference will be on as-needed basis with small group to finalize any necessary details.

XI. Meeting adjourned at 12:18 PM