

EPC MAINTENANCE & RELIABILITY SUBCOMMITTEE MEETING

Main Location: Eastman, Longview, TX
Date: Wednesday, December 14, 2016

Minutes Written By: David Harrison

MEMBERS ATTENDING:

In Person:

Dane DeRouen (BASF)
David Harrison (Eastman)
Ken Webb (Eastman)
Keith Wade (Zeeco)

Phone:

Dave Sankey (BASF)
Mike Pelton (Lyondell)
Sanjeev Kapur (APEX)
Shailendra Inamdar (Linde)
Jorge Blanco (ARVOS)
Mike Kudijaroff (Williams)

The Meeting was called to order at approximately 9:04 AM.

Proceedings:

- I. Read Anti-Trust Statement
- II. Introductions (In Person and On Phone)
- III. Reviewed Agenda
- IV. Reviewed Previous Meeting Minutes from 11-3-2016 at Sasol
 - a. Dane DeRouen Reviewed Meeting Minutes
 - b. Meeting Minutes were approved
- V. Dane reviewed members list
 - a. We are trying to grow the member list, however many of the possible companies are stating they do not have additional manpower to spare at the present time.
- VI. Reviewed Paper Topics
 - a. Mike Pelton led the updates on the paper topics
 - i. Michael Gyorffy's (Kubota) abstract has been uploaded. Michael is seeking client approval to add a case study into his paper.

- ii. Waiting on Jeff Dudley (Solomon) to approve the abstract. With the delay in approving, we are unsure if he is committed to the paper but Dane will follow-up with him.
- iii. Theodorus Knijff's (Dow) abstract has been uploaded. Theo has confirmed that will he be at the conference to present the paper.
- iv. John Weikel's (BASF) abstract has been uploaded.
- v. If Jeff Dudley does not write a paper, we will explore a few other possibilities.
 - 1. Life Cycle Analysis of Brazed Aluminum Plate Fin Heat Exchangers - Bruce Harle (Chart)
 - 2. Understanding the corrosion problems in petrochemical industries: An approach – Yogesh Kumar

VII. Reviewed Abstracts

- a. None to review at this time

VIII. Discuss Plan for Panel Discussion

- a. Sanjeev Kapur led the discussion.
 - i. Sanjeev Kapur asked for the EPC members to submit questions that can be used to start and prompt discussion during the panel session. The list of questions will be reviewed at the next subcommittee meeting.
 - ii. After the January meeting, the questions will be narrowed down and provided to the panelists.
 - iii. Potential panel candidates: Theodorus Knijff (Dow), Bruce Harle (Chart), Renee Kulik (ARVOS), John Weikel (BASF), Mike Pelton (Lyondell), Jeff Dudley (Solomon), Sanjeev Kapur (APEX)
 - 1. Possible people to add for plant maintenance experience: Tom Garza, TC Williams, Ken Webb, Eddie Carter
 >> *Post-meeting update: Jimmy Cleavinger (CP Chem) agreed to participate in the panel.*
 - iv. After all of the possible panel candidates have been submitted, we will narrow it down to about six people.
 - v. Sanjeev said he plans to prepare slides showing panelists' face, name, title, company to display during the panel discussion. He may also consider a slide providing key discussion points or questions.
 - vi. Sanjeev also suggested that Q&A responses be posted on the EPC website if approved by the panelists.

IX. Target Dates

- a. Early drafts due to subcommittee January 13th. Review at January 18th meeting.
- b. Final drafts due to subcommittee February 10th and draft presentations by February 15th meeting.
- c. Final papers due March 1 to main EPC
- d. Draft Slides due March 13
- e. Note that we also need the session description updated in Confex.

X. Reviewed EPC Conference Plan as provided in the November main EPC conference chair report.

- a. San Antonio will be busy the week of the EPC conference (March 26 – 30). If you plan to attend, make hotel reservations early.

XI. Upcoming Meetings

- a. January 18th (Wednesday)
 - i. BASF (Port Arthur, TX)
 - ii. Duraloy will make a technical presentation at the end of the meeting.
- b. February 15th (Wednesday)
 - i. LyondellBasell (Channelview, TX)
- c. March 8th (Wednesday) – Jorge Blanco's birthday
 - i. Site to be determined. Jorge Blanco will ask Ineos or CP Chem.
>> *Post-meeting note: Jimmy Cleavinger agreed to host at CP Chem, Cedar Bayou.*
 - ii. Back-up plan, if needed, is Williams.

Meeting concluded: 10:08 AM