

EPC MAINTENANCE & RELIABILITY SUBCOMMITTEE MEETING

Location: Sasol, Westlake, LA
Date: Wednesday, October 25, 2017

Minutes Written By: David Harrison

MEMBERS ATTENDING:

In Person:

Paul Richard (Sasol)
Dane DeRouen (BASF)

Tatiana Randall (Flint Hills)
John Weikel (BASF)

Phone:

David Harrison (Eastman)
Mike Pelton (LyondellBasell)
Shailendra Inamdar (Linde)

Paul Van Helmond (Linde)
Dave Sankey (BASF)

The meeting was called to order at approximately 9:05 AM.

Proceedings:

- I. Introductions (In Person and On Phone)
- II. Review Agenda
- III. Read Anti-Trust Statement
- IV. Review and Approve Previous Meeting Minutes
 - a. Paul Van Helmond made a motion to approve the September meeting minutes
 - b. Approved unanimously
- V. Paper Topics Update: See spreadsheet for details
- VI. Review Draft Abstracts: Comments will be shared with each author.
 - a. Exploring the use of Fitness for Service (API 579) in Ethylene Production Facilities (Scott Bouse) – reviewed abstract
 - b. TLE Fitness for Service Case Study (Jimmy Cleavinger) – reviewed abstract
 - c. High Temperature Hydrogen Attack in Ethylene Producing Plants (Tatiana Randall) – reviewed abstract
 - d. Maintenance & Reliability – Predictive Analytics Using Process & Operating Data (TrendMiner) – reviewed abstract
 - e. Cold Service Bolted Joint Reliability (Flexitallic) – reviewed abstract
 - f. Steamloc paper (Steamloc International) – reviewed abstract
 - g. Predictive Maintenance Case studies on the use of big data, advanced analytics and/or mobile devices for improving reliability (BASF) – paper will not be developed

- h. Water Hammering, improper removal of condensate (Tatiana Randall) – paper will not be developed
 - i. Temperature measurement at high temp areas (WIKA): Not for 2018. Potential topic for the future.
 - j. TLE – ID Tube Inspection (CSI) – Reviewed abstract. Consider for a back-up paper.
 - k. On-stream leak repair (Colt/Tim Woodring) – Presentation reviewed, no abstract yet. Consider for potential/back-up paper.
 - l. The benefits of using furnace coil technology with alumina as a protective layer (Katie Day) – Reviewed abstract. An interesting topic. Will hold as potential paper.
 - m. Start listening to your heat exchangers (ARVOS) – Reviewed abstract. Consider for potential/back-up paper.
- VII. Decision on Session Content and Format
- a. We have six solid paper topics to utilize for one session.
 - b. There are potentially enough additional papers to at least partially fill a second session; however, the consensus was to focus on one session. The subcommittee decided to not pursue a second session and utilize the additional papers as backups if needed.
- VIII. Review EPC Target Dates
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|---|-------------------|
| a. Finalize abstract for subcommittee: | November 10, 2017 |
| b. Call for abstracts closes: | November 13, 2017 |
| c. Draft papers in hand for subcommittee: | December 8, 2017 |
| d. Papers accepted/rejected: | December 18, 2017 |
| e. Draft Schedule ready: | January 8, 2018 |
| f. Online registration begins: | January 19, 2018 |
| g. AIChE Draft papers due: | March 21, 2018 |
| h. AIChE Final papers due: | March 28, 2018 |
| i. AIChE Draft slides due: | April 9, 2018 |
| j. Conference: | April 22-26, 2018 |
- IX. Next Meeting
- a. November 15th (Wednesday) hosted by Eastman (Longview, TX) at 9 am
 - b. December 13th (Wednesday) hosted by Linde Engineering (Houston, TX) at 10 am
 - c. January 17th (Wednesday) hosted by BASF (Port Arthur, TX) at 9 am
- X. TrendMiner presentation by Sandra Peterson
- XI. Meeting Adjourned: 11:45 AM