

Minutes of Meeting Maintenance & Reliability Subcommittee of the Ethylene Producers Committee

DATE: March 17, 2016

LOCATION: BASF Total Port Arthur, hosted by Dane DeRouen

Minutes written by: Keith Wade/Dane DeRouen

MEMBERS ATTENDING:

In Person

Dane DeRouen, BASF
John Weikel, BASF
Dave Sankey, BASF
Keith Wade, Zeeco
Jorge Blanco, ARVOS
Paul Van Helmond, Linde
Muhammad Imran, Technip

By Phone

Michael Pelton, LyondellBasell
Blake Landry, OxyChem
Mike Kudijaroff, Williams
Shailendra Inamdar, Linde

The meeting was called to order at 9:07 am.

1. AGENDA

- a. Welcome, review of attendees
- b. Read anti-trust statement
- c. Review agenda
- d. Read and approve previous meeting minutes
- e. Status update on papers
- f. Review updated papers
- g. Next steps, target dates and needs
- h. Details for conference, subcommittee activities
- i. Other S/C business
- j. Confirm / Schedule Next Meetings
- k. Adjourn Meeting

2. PROCEEDINGS

- a. The meeting kicked-off with the reading of the anti-trust statement, and was followed by a review of the Meeting Agenda.
- b. The minutes of the February 18, 2016 meeting were reviewed and approved with minor changes.

- c. The Status and Review of the Papers are noted in the following table. Since the last meeting AIChE assigned numbers to the papers and presentations, these will be added accordingly as noted below. Document files will use these numbers to identify them.

2016							
No.	Area of Interest	Title	Status	Author	Sponsor	Remarks	Order
127a	Cooling Water System	Cooling Tower Inspection and Repairs	firm	S. Pierce, L. Speyerer, J. Vernon	M. Pelton	Final paper & draft presentation received.	1
127b	Cooling Water System	Unique Pre-Cleaning and Passivation Challenges in Cooling Water Systems	firm	R. Fruit, A. Maciejewski, M. Kudijaroff	TC Cannon	Final paper & draft presentation received.	2
127c	Rope Access for Inspections & Repairs	Innovative Solutions for Flare Stack Inspection, Maintenance, Repair and Other Work Scopes Using Rope Access Techniques	firm	Howard Wall, MHT	TC Cannon	Final paper & draft presentation NEEDED ASAP.	3
127d	Furnaces-Convection	Utilizing Ultrasonic in-Line Inspection Technology to Manage Ethylene Furnace Convection Section Reliability	firm	D. Meinen, Quest	DeRouen	Need final paper, draft presentation received.	4
127e	Furnaces-Radiant Section	Case Study on Inspection of Ethylene Furnace Radiant Tubes	firm	K. Stevens, Quest	DeRouen	Final paper & draft presentation received.	5
127f	Furnaces-Combustion	Improving Combustion Efficiency, Reliability, and Safety in Large Fired Heaters Utilizing Multiplexed Laser Based Monitoring and Diagnostic Systems	firm	Greg Heilbrunn, Zolo	J. Blanco	Final paper & draft presentation received.	6

- d. All presentations with the exception of 127(c) were received and commented upon. Author sponsors to provide feedback to authors on presentations for final submission by March 29. In general, presentations looked good. Some work needed on length / number of slides and complexity of the slides.
- e. These target dates were reviewed / modified for paper & presentation development:
1. Papers not yet finalized must be submitted to the S/C by March 11, 2016 and reviewed during March 17, 2016 meeting – Done with exception of 127(c) and it is to be submitted by EOB 03/17/2016.
 2. Papers to be uploaded by March 18, 2016 -- Michael Pelton and Keith Wade to check formatting prior to upload into Confex.
 3. Presentation to be submitted to the S/C for review by March 11, 2016 and reviewed by the S/C during the March 17 meeting. – Done with the exception of 127(c).
 4. Final and approved presentation to be sent to the S/C by March 29, 2015, minor changes will be allowed until the day before the S/C Session on April 12.
 5. Keith Wade to request biographies from authors – due by April 1.
- f. Conference details for the Subcommittee
- i. Sunday April 10, Ethylene Committee sponsored cocktail hour at 5:00 p.m. in room 344AB at Hilton Americas hotel

- ii. Sunday April 10 Subcommittee dinner with the authors (this is not obligatory, but available to those that want and can attend) – Need to confirm attendance with Jorge Blanco so that details can be finalized.
- iii. Monday April 11, Speakers Dinner (for authors, and Session Chairs and Co-Chairs) -- Need to confirm attendance with Jeff Edwards so that final plans can be made.
- iv. Monday April 11, following the last presentation of the afternoon, S/C to meet with authors in the conference to review presentations on stage in preparation for the Session.
- v. Tuesday April 12, Ethylene Networking Lunch
- vi. Tuesday April 12, Maintenance and Reliability Subcommittee Session

g. Other Subcommittee Business

i. Membership

- 1. Blake Landry of Oxy was able to attend this meeting via phone and Webex.
- 2. There was discussion about potential change of scheduled S/C meeting date to allow some members with standing staff meetings on Thursdays to become more active again.
- 3. Several EP companies were discussed regarding trying to achieve more active participation. Jorge and Keith will contact them.
- 4. Paul Van Helmond commented on the main EPC committee sending invitations to “new” Ethylene Producers for inclusion in the main committee as they progress toward starting up their facilities.

h. Next Meetings:

- Dinner meeting to kick-off 2017 conference preparation to be announced around June, after receiving the 2016 session reviews.

Meeting adjourned at 10:35 am