

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

**DATE:** December 10, 2015

**LOCATION:** BASF TOTAL Petrochemicals, Port Arthur, TX (via WebEx); hosted by D. DeRouen

**Minutes written by:** Dane DeRouen

### MEMBERS ATTENDING:

#### In Person

#### By Phone

Samantha Borssen, Sasol  
Muhammad Imran, Technip S&W  
Shailendra Inamdar, Linde  
Mark Karrs, Becht Engineering  
Joe Martin, Chevron Phillips  
Michael Pelton, LyondellBasell  
Dave Sankey, BASF  
Keith Wade, Zeeco  
Dane DeRouen, BASF

The meeting was called to order at 9:05 am.

### 1. AGENDA

- a. Welcome
- b. Read anti-trust statement
- c. Review agenda
- d. Review & approve previous meeting minutes
- e. Status check of 2016 papers
- f. Review/update abstracts as needed
- g. Next steps/needs for papers
- h. Other S/C business
- i. Next meetings
- j. Adjourn

### 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 November 10, 2015 meeting were reviewed and approved.
- c. The list of papers was reviewed and the order of papers for the session was approved as shown in the table below. Mike Pelton reported that all authors had agreed to the

abstract edits made during last month's meeting and updated abstracts have been uploaded to Confex. Target dates have been communicated to the authors, but Keith Wade said that he or Mike will follow up after this meeting with an email to authors & sponsors reminding them of the January 14 target for draft papers. Also to be included in that email is the updated AIChE template for the papers.

2016						
Area of Interest	Title	Status	Author	Sponsor	Remarks	Order
Cooling Water System	Cooling Tower Inspection and Repairs	firm	S. Pierce, L. Speyerer, J. Vernon	M. Pelton	abstract submitted (LyondellBasell, Equistar)	1
Cooling Water System	Unique Pre-Cleaning and Passivation Challenges in Cooling Water Systems	firm	R. Fruit, A. Maciejewski, M. Kudijaroff	TC Cannon	abstract submitted	2
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	abstract submitted	3
Furnaces-Convection	Utilizing Ultrasonic in-Line Inspection Technology to Manage Ethylene Furnace Convection Section Reliability	firm	D. Meinen, Quest	DeRouen	abstract submitted	4
Furnaces-Radiant Section	Case Study on Inspection of Ethylene Furnace Radiant Tubes	firm	K. Stevens, Quest	DeRouen	abstract submitted	5
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	abstract submitted	6

- d. Mike Pelton said he would check with the main committee on how to handle Michael Gyorffy's (Kubota) paper within Confex in order to not have it on this session's agenda but to keep it for 2017. Dane reported that he had spoken to Michael, he understood the status of his paper, and he was interested in presenting the topic during a future subcommittee meeting.
- e. It was noted that paper sponsors will be called upon after the holidays (in January) to begin pushing/helping with authors for paper completion.
- f. These target dates were reviewed / modified for paper & presentation development:
  1. Main EPC call for papers ended Nov. 2 - (*past*)
  2. All abstracts were to be uploaded by Dec. 1 - (*complete*)
  3. Changes can be made to abstracts Dec. 1-15 - (*updates made, complete*)
  4. Draft papers to the subcommittee by Jan. 14, 2016
  5. Final papers to the subcommittee by February 18, 2016
  6. Final papers are due to main EPC for uploading March 15, 2016
  7. Draft presentations to the subcommittee by March 17, 2016
  8. Draft presentations are due to the EPC March 29

- g. Dane said that in addition to Michael Gyorffy as noted in item d above, Greg Heilbrunn with Zolo Technologies was also invited to present at a future subcommittee meeting. Keith Wade pointed out that other companies with applicable or interesting technologies are welcome to make presentations at meetings, not just those developing papers. If vendor presentations are planned, sufficient notice should be given, a central meeting location selected, and on-site attendance encouraged to maximize the face-to-face benefit as much as possible.
  
- h. Next Meetings:
  - i. January 21 at Williams, Geismar, LA (to be confirmed)
  - ii. February 18 at ?? (host site needed)
  - iii. March 17 at BASF Total, Port Arthur, TX

Meeting adjourned at 9:41 am