

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

DATE: January 21, 2016

LOCATION: Williams Olefins, Geismar, LA; hosted by TC Canon, Darren Martone and Mike Kudijaroff

Minutes written by: Dane DeRouen/Jorge Blanco

MEMBERS ATTENDING:

In Person

TC Cannon, Williams
Mike Kudijaroff, Williams
Darren Martone, Williams
Dane DeRouen, BASF
Keith Wade, Zeeco
Jorge Blanco, ARVOS

By Phone

Samantha Borssen, Sasol

Muhammad Imran, Technip S&W
Michael Pelton, LyondelBasell
Dave Sankey, BASF

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

1. AGENDA

- a. Welcome
- b. Read anti-trust statement
- c. Review agenda
- d. Read and approve previous meeting minutes
- e. Status update on papers
- f. Review draft papers
- g. Next steps, target dates and needs
- h. Other S/C business
- i. Confirm / schedule 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 December 10, 2015 meeting were reviewed and approved.
- c. The Maintenance and Reliability Session of the conference is confirmed to take place on Tuesday afternoon (April 12).

- d. Michael Gyorffy, of Kubota, will make a presentation at the next meeting. Greg Heilbrunn of Zolo Technologies was invited to present at today's meeting but declined due to a trip to Europe. We'll offer him an alternate date.
- e. Waiting for Thomas Garza's confirmation to host the next meeting on February 18. If he can't confirm Mike Pelton offered to have the meeting at LyondellBasell.
- f. Five of the six papers have been received, they were read and reviewed during the meeting. Comments from the S/C will be sent to the authors by the corresponding Author Sponsor. Howard Wall's email was incorrect, he did not receive the instruction or timeline for submittal of documents. Dane DeRouen will follow-up with him and provide necessary support. Mr. Wall is the author for the paper titled, Innovative Solutions for Flare Stack Inspection, Maintenance and Repair and Other Work Scopes Utilizing Rope Access Techniques.
- g. The order in which the papers will be presented at the conference was confirmed as appears in the table below. The titles are confirmed. Assignment of the Session Number is expected soon from the AIChE; the papers will then be numbered accordingly.

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	draft paper in hand	1
Cooling Water System	Unique Pre-Cleaning and Passivation Challenges in Cooling Water Systems	firm	R. Fruit, A. Maciejewski, M. Kudijaroff	TC Cannon	draft paper in hand	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, draft paper pending	3
Furnaces-Convection	Utilizing Ultrasonic in-Line Inspection Technology to Manage Ethylene Furnace Convection Section Reliability	firm	D. Meinen, Quest	DeRouen	draft paper in hand	4
Furnaces-Radiant Section	Case Study on Inspection of Ethylene Furnace Radiant Tubes	firm	K. Stevens, Quest	DeRouen	draft paper in hand	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	draft paper in hand	6

- h. 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 11, 2016
6. Final papers will be reviewed February 18, 2016.

7. Final papers are due to main EPC for uploading March 15, 2016
8. Draft presentations to the subcommittee by March 17, 2016
9. Draft presentations are due to the EPC March 29

i. Next Meetings:

- i. February 18 at ChevronPhillips, La Porte, TX (awaiting confirmation)
 - LyondellBasell - optional
- ii. March 17 at BASF Total, Port Arthur, TX

Meeting adjourned at 12:40 am