

## **EPC MAINTENANCE & RELIABILITY SUBCOMMITTEE MEETING**

Main Location: Sasol, Westlake, LA  
Date: Thursday, November 3, 2016

**Minutes Written By:** David Harrison

### **MEMBERS ATTENDING:**

#### **In Person:**

Samantha Borssen (Sasol)  
Sanjeev Kapur (APEX)

#### **Phone:**

Dave Sankey (BASF)  
Dane DeRouen (BASF)  
David Harrison (Eastman)  
Chinh Dang (Technip)  
Mike Pelton (LyondellBasell)  
Paul Van Helmond (Linde)  
Shailendra Inamdar (Linde)

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

### **Proceedings:**

- I. Read Anti-Trust Statement
- II. Introductions (In Person and On Phone)
- III. Reviewed Agenda
- IV. Reviewed Previous Meeting Minutes from 10-5-2016 at Lyondell
  - a. Dane DeRouen Reviewed Meeting Minutes
  - b. Meeting Minutes were approved
  - c. Paul Van Helmond has worked to correct the issue of our meeting minutes not being updated on the EPC website
- V. Dane reviewed members list
  - a. Muhammad Imran (Technip) was removed from list
  - b. Sanjeev Kapur (APEX) has been added and needs to update address information
  - c. Tatiana Randall (Flint Hills) has been added
- VI. Reviewed Paper Topics
  - a. Mike Pelton led the updates on the paper topics
    - i. The EPC presentation schedule was reviewed.

- ii. Two abstracts have already been uploaded. (Theo Knijff [Dow Chemical] and Michael Gyorffy [Kubota])
  - 1. Mike Pelton will follow
- iii. Jeff Dudley [Solomon & Associates] has submitted an abstract. The subcommittee made a few edits to the wording. Once approved, it will be loaded into the EPC system by Mike Pelton.
- iv. Dane DeRouen is going to follow up with John Weikel [BASF] with his paper.
- v. Four other abstracts were reviewed. Three of the four were marked for 2018 and one was marked for a backup in 2017 (Bruce Harle [Chart]).

| 2017                   |  |                            |           |                         |         |  | updated 11/03/2016 |  |
|------------------------|--|----------------------------|-----------|-------------------------|---------|--|--------------------|--|
| Area of Interest       | Title  | Idea by                    | Status    | Author                  | Sponsor | Remarks  | Order              |  |
| Furnaces-Radiant Coils | Performance over time and aged properties of Kubota's ANK400 anti-cooking material |                            | confirmed | Michael Gyorffy, Kubota | Mike P  | Abstract uploaded.   | 1                  |  |
| General Reliability    | Industry trends and focus for reliability  | Michael Smith, Exxon Mobil | confirmed | Jeff Dudley, Solomon    | Dane    | Mike Pelton to confirm with Jeff that abstract is OK to upload.  | 2                  |  |
|                        | Ageing Assets in the Process Industry - an Holistic View                           | Confec submittal           | confirmed | Theodorus G. Knijff     | Mike P  | Mike Pelton to confirm with Theo who will present at EPC. Abstract uploaded.   | 3                  |  |
| General Reliability    | Impact of Shale Gas, Gas Feeds on M&R - Kick-off/opening paper                     |                            | confirmed | John W.                 | John W. | need abstract  | 4                  |  |
| General Reliability    | Impact of Age & Move to Lighter Gas Feeds on M&R - Panel Discussion                | Sanjeev                    | confirmed |                         | Sanjeev | panel discussion with ~6 panel members   | 5                  |  |
| Refractory             | Maftec alumina fiber   | Shailendra Inamdar         | possible  | Ted Hagberg             | Shail   | Thermbond/Stellar Materials, safer alternative to ceramic fiber... possible stand-by paper. Shall to ask for draft abstract. |                    |  |
|                        | Coatalloy  |                            | new       | Hugues Chassel, Manoir  |         | abstract submitted online >> to Technology S/C? Paul VH to email follow-up after seeing presentation at AIChE annual meeting |                    |  |
|                        | HEXSOL TLE, stiffening of TLE tubesheets   |                            | new       | Luca Zanardi            |         | abstract submitted online. Consider for fundamentals S/C?  |                    |  |

## VII. Reviewed Abstracts

- a. Mike Pelton reviewed
  - i. Michael Gyorffy [Kubota]
  - ii. Theo Knijff [Dow Chemical]

## VIII. Target Dates

- a. Draft papers due Feb. 22
  - a. Final drafts need to be to the subcommittee before our Feb. 15 meeting
- b. Final papers due March 1
- c. Draft Slides due March 13

## IX. Upcoming Meetings

- a. December 14<sup>th</sup> (Wednesday)
  - i. Main meeting at Eastman (Longview, TX)
  - ii. Satellite meeting to be determined
- b. January 18<sup>th</sup> (Wednesday)
  - i. BASF (Port Arthur, TX)
- c. February 15<sup>th</sup> (Wednesday)
  - i. LyondellBasell (Channelview, TX)

Meeting concluded: 10:15 AM