

## EPC MAINTENANCE & RELIABILITY SUBCOMMITTEE MEETING

Location: Technip, Houston, TX  
Date: Wednesday, August 23, 2017

**Minutes Written By:** David Harrison

### **MEMBERS ATTENDING:**

#### **In Person:**

Dane DeRouen (BASF)  
David Harrison (Eastman)  
Chinh Dang (TechnipFMC)

Paul Van Helmond (Linde)  
Neal Lynch (Ineos)

#### **Phone:**

Chris Galipeau (Nova-Corunna)  
BJ Byers (Dow)  
Tatiana Randall (Flint Hills)  
Mike Pelton (LyondellBasell)

Jorge Blanco (ARVOS)  
Mike Kudijaroff (Nova-Geismar)  
Darren Martone (Nova-Geismar)

The meeting was called to order at approximately 10:06 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. The July 19, 2017 meeting minutes were approved unanimously
- V. Election of Session Chair
  - a. Our current time slot is scheduled for the afternoon session on Tuesday, April 24<sup>th</sup>
  - b. Jorge Blanco volunteered to be the session chair for the 2018 conference
    - i. Jorge will be busy through December 2017. Therefore, Mike Pelton, Dane DeRouen, and David Harrison offered to assist until Jorge will be able to take the position.
- VI. Paper Topics Development
  - a. Sponsor: Tatiana Randall: Cold Service Flanges (prevention of leaks)
    - i. Author: Katherine Worden, from Flexitallic, is working on an abstract and should complete it in the coming weeks.
  - b. Sponsor: Dane DeRouen: API 579
    - i. Author: Scott Bouse has supplied an abstract.
  - c. Sponsor: Jorge Blanco
    - i. Author: Tatiana Randall: API 579 Case Study for Remaining Life Assessment

- ii. The topic was suggested to be modified to the following topic: High Temperature Hydrogen Attack of the equipment at the back end of the plant, C2 Hydro
  - d. Sponsor: Jorge Blanco: TLE Fitness for Service Case Study
    - i. Author: Jimmy Cleavinger as the lead
  - e. Sponsor: Chinh Dang: Furnaces Instrumentation
    - i. Potential paper and Chinh will follow up to see if this topic can be developed
  - f. Sponsor: Paul Van Helmond: HEXOL TLE, Stiffening of TLE tubesheets
    - i. Potential paper and Paul will follow up with Luca Zanardi
  - g. Sponsor: Dane DeRouen: Industry 4.0 applications in reliability
    - i. Potential paper by BASF author
  - h. Sponsor: Jorge Blanco: Industry 4.0 by TrendMinder
    - i. Potential paper and Jorge will follow up.
    - ii. Dane DeRouen will send out the abstract
    - iii. Paul Van Helmond said the Process Controls subcommittee is developing a joint session with AIChE on Industry 4.0.
  - i. Sponsor: Dane DeRouen: Steamloc Special Venturi Technology for condensate removal
    - i. Author: Marc Froeyen: An abstract has been written
  - j. Sponsor: Waiting for abstract to be developed: Water Hammering
    - i. Author: Tatiana Randall will begin developing an abstract
- VII. Review EPC Target Dates
  - a. Papers accepted/rejected: December 21, 2017
  - b. Draft papers due: March 21, 2018
  - c. Final papers due: April 1, 2018
  - d. Draft slides due: April 13, 2018
  - e. Conference: April 22-26, 2018
- VIII. Next Meeting
  - a. September 20<sup>th</sup> (Wednesday) at BASF at 9 am
  - b. October 25<sup>th</sup> (Wednesday) at \_\_SASOL\_\_ at 9 am
  - c. November 15<sup>th</sup> (Wednesday) at Eastman (Longview, TX) at 9 am
- IX. Stellar Materials Presentation & Discussion on Maftec and Thermbond
  - a. James Smith, presenter
  - b. Jamie Cambetta
  - c. Ted Hagberg
- X. Meeting Adjourned: 12:36 PM