EPC MAINTENANCE & RELIABILITY SUBCOMMITTEE MEETING

Location: Flint Hills Resources, Port Arthur, TX Date: Wednesday October 10, 2018

Minutes Written By: Jorge Blanco, René Kulik, John Weikel

MEMBERS ATTENDING:

In Person: Tatiana Randall (Flint Hills) Host Jorge Blanco (ARVOS) René Kulik (ARVOS) John Weikel (BASF) Phone: Linda Robinson (Knighthawk) Thomas Garza (ChevronPhillips) Shailendra Inamdar (Linde) Jimmy Cleavinger (ChevronPhillips)

Mike Pelton (LyondellBasell) David Harrison (Eastman) Sanjeev Kapur (Apex)

The meeting was called to order at approximately 9:20 AM.

Proceedings:

- I. Tom Garza called the meeting to order and introductions were made around the table and on the phone.
- II. Tom read the anti-trust statement to start the meeting.
- III. Safety / Reliability moment Tatiana Randall brought up concerns with unscrupulous morning drivers. This morning she was almost driven off the road by a truck identified as a contractor passing her at high speed. Tatiana emphasized the point of safe driving practices and being vigilant of non-safe drivers. Tom brought up an incident of an employee or contractor caught driving at speeds of up to 100 mph. The company views those reckless behaviors being translated to the same pattern of behaviors in the plant, the person was dismissed from the company.
- IV. Tom reviewed the agenda highlighting the points to be discussed during the meeting.
- V. John Weikel read the Minutes of the September 12, 2018 meeting which were approved without changes.
- VI. Tom reported that he reached Karl Bishop from Westlake Chemicals who stated that he will nominate or find another person to take his place in the S/C, he does not have time to participate as he wished. Tom was unable to reach Dan Barnett of BD Energy, nor did he reply to his emails. Both Karl and Dan have been removed from the Members List. Tom will update the list and submit with the finalized and approved MOM September 12.
- VII. Tom Garza, Sanjeev Kapur and Mike Pelton updated and summarized the S/C on the status of the Joint Technology and Maintenance & Reliability Session. They have 3 papers in hand, and X

number that maybe coming in. Schmidt + Clemens has sent 1 abstract; Kubota has sent 2 abstracts. Sandvik's Ms. Day is still looking for an end user to participate in a joint paper.

Both Session Chairs Tom Garza & Darren Le Geyt will monitor the number of abstract submittals, the potential for them being presented in 2019 and accordingly manage the flow of papers between the two sessions if necessary. For now, it was agreed to keep all the radiant coil related papers in the Joint Session.

It was also agreed that each session will have its own meetings to review the abstracts and prepare for the Conference. A summary of the joint session proceedings will be shared with our subcommittee. All members are encouraged to support both sessions.

VIII. Topics & Themes for 2019 EPC Sessions

The Excel Sheet that has been updated by Thomas Garza was reviewed during the meeting, each line item was categorized for its potential for the 2019 conference or for future years. A summary and update of the discussion is included in the attached Excel Table. Abstracts in hand were reviewed, 2 from Tatiana and 1 from Jimmy, the consensus is that they will be of interest to the audience and should move forward. They will be read during the next meeting along with others received. These are described in the Excel Sheet.



- IX. Abstracts
 - a. DUE DATE: NOV. 12^{TH}

X. Next Meeting

- a. Wednesday, November 7, at Eastman Chemical, Longview Tx.
- b. Wednesday, December 5, at BASF Total, Port Arthur, TX
- XI. Meeting Adjourned at 10:50 am

Vendor Presentation was made by MetalTek. The pdf version of the presentation and contact information from the 3 MetalTek individuals in attendance will be made available to all members. Mike Pelton will be reaching out to the Houston based Sales Manager to discuss possible topics for a paper.