

## EPC MAINTENANCE & RELIABILITY SUBCOMMITTEE MEETING

Location: MS Teams  
Date: August 09<sup>th</sup>, 2023

**Minutes Written By:** Martin Stoessel

### **MEMBERS ATTENDING:**

Wei Sun (ARVOS)	Robert Pritchett (LyondellBasell)
Martin Stoessel (ARVOS)	Shailendra Inamdar (Linde)
Henry Trahan (Shell)	Dane DeRouen (BASF)
Lucas Baldesberger (E2G)	Tyler Cunningham (INEOS)
Aravind Subramani (Indorama)	Jack Breckenridge (Nova Chemicals)
Mark Karrs (Becht)	Kevin Sprague (INEOS)
Carl Matherne (Motiva)	Velu Palaniyandi (Technip)

The meeting of the EPC Maintenance and Reliability Subcommittee (SC) was hosted by Martin Stoessel in MS Teams. The meeting was called to order at 10:05 AM CST.

### **Proceedings:**

- I. Called to order, reviewed agenda, and read anti-trust statement.
- II. Reviewed minutes of the July 19<sup>th</sup>, 2023, meeting.  
A motion to approve the minutes as amended was made by Kevin Sprague, with a second by Henry Trahan. The minutes were approved as read.
- III. Papers and Presentations
  - It was discussed to find a theme for the EPC24 e.g. Hot side / cold side – no new updates
  - Several proposals were added and discussed in attached excel file
  - Keith Wade will check for potential of Refractory regarding Hydrogen firing – Zecco confirmed that the abstract will be issued; comment from SC is to align / partner with a producer
  - Lucas Baldesberger will check for Damage Mechanism Study – E2G confirmed DMR as a co-author with an Enduser.
  - Carl Matherne will check for Electric exchangers regarding M&R – Carl will share information; however according to his finding, the electric exchangers show no interesting data and running with low maintenance. After reviewing the data, SC to decide if the topic is worth going forward.



MR Session Topics  
(updated 2023-08-09)

#### IV. Technical Discussion

- **Ethylene Furnace Tube Quality Assurance** (September Topic)
  - Poll will be included in the MoM (August) meeting
  - It will be sent out before the next meeting.
  - The participation is voluntary and the results will be shared anonymous.
  - Results discussed in September Meeting
- **Inspection on linear TLEs vs conventional TLEs**
  - Dane collects poll questions for next MoM (September)
  - Results discussed in October
- **Charge gas dryer valves reliability** (Leaks, maintenance, Repair)
  - What issues
  - What type of valves
  - What service
  - Interested in improvements
  - Poll due in October and results to be discussed in November
  
- Polls will be added to each MoM; Topics can be addressed each Meeting.

#### V. Next Meetings

- Invitation was sent out as a series → please check that you do not decline the whole series.
- In Person meeting
  - December 13<sup>th</sup>, 2023, ARVOS Office could be used
  - In 2024 KnightHawk office with Lab tour possible
- Next meeting is on September 13<sup>th</sup>, 2023

#### VI. Meeting Adjourned @10:51 am CST