

Minutes of Meeting: EPC Maintenance & Reliability Subcommittee

Minutes written by: Jorge Blanco

Meeting Date: August 7, 2014

Meeting Location: Linde Engineering office in Houston - Hosted by Paul van Helmond

Members attending in person:

Jorge Blanco – Alstom

Paul van Helmond - Linde

Muhammad Imran – Technip

Keith Wade – Zeeco

Members attending via telephone and web conference:

Dan Barnett – BD Energy

Joe Martin – Huntsman

Dave Oulton – Nova

Mike Pelton - LyondellBasell

John Holbrook – Dow

Shailendra Inamdar - Linde

David Nguyen - Sasol

Trobie Thompson – Sasol

Meeting Started at 9:05 am

Antitrust statement: The Antitrust Statement was read to kick off the meeting.

Next Meeting Schedule

September 11, 2014 LyondellBasell – Channelview, TX

Membership:

- Note correction after today's meeting; Carl Matherne joined Motiva upon leaving BASF, not Total as noted in the last MOM.
- Trobie Thompson has been asked to be the Sasol representative in the Ethylene Producers Committee and to join the Safety Subcommittee to take the place of David Mullenix who vacated these positions.
- David Nguyen will take the place of Trobie in the Maintenance and Reliability Subcommittee
- Joe Martin attended his first S/C meeting today. He is a Process Engineer at Huntsman having joined this company in April 2014.

Discussions:

The Subcommittee is waiting for the Operations S/C decision on whether to have a joint session.

It was agreed during the meeting that the Maintenance and Reliability S/C would carry on with the topics summarized below whether on its own or in a joint session with the Operations S/C. Jorge agreed to follow-up with Richard Rolke the Chairman of the Operations Subcommittee as well as submit the latest discussions to Richard Rolke for consideration during their meeting on Tuesday August 12.

Walter Postula shared a proposed paper for consideration in the Maintenance & Reliability on the subject of SCR's, by Robert Kunz. The abstract was reviewed and was deemed more pertinent for the Environmental Subcommittee. Jorge will check with Walter if they are interested in the topic for their S/C, otherwise we may find place for it in the general topic of discussion on the maintenance of SCR's.

2015 Ethylene Producers' Conference Maintenance & Reliability Subcommittee				
Item No.	Suggested Topics for 2015	Follow-up	Notes	Discuss with Operations
1.00	Topics related to commissioning new cracking furnaces.	Mike Pelton	How to commission/line flush new cracking furnaces, including chemical cleaning of systems. Paul suggested contacting a service company. M Pelton maybe interested in presenting all will expand this topic. Consider expanding this area if we do a joint session with Operations S/C.	Yes
2.00	Furnace Burners Operational Issues	Jorge Blanco	Review this topic with the operations S/C	Yes
2.10	Furnace burner tuning operational issues	Dan Barnett	Fuel Flow Firing Uniformity Check - proposed paper by DBarnett last year	
2.20	Burner supplier technical services to aid maintenance	Jeff Byrd	JByrd will look into services to be provided by John Zink at his plant.	
2.30	Address fuel/gas coalescers impact on burner functioning	Jeff Byrd	JByrd also suggested issues concerning failures of fuel/gas coalescers. What are plants doing?	
3.00	Operational tips on decoking	Jorge Blanco	Talk to Operations S/C if any areas of interest. End of decoking monitoring/methods to determine end of decoke was suggested in evaluation form, but this was already covered by Brian Sullivan in the 2014 to see if he wants to do a follow-up to the tutorial section he did.	yes
5.00	Furnace Maintenance Tutorial - advanced	Trobie Thompson, Mike Pelton, Muhammad Imran	A furnace tutorial covering topics not previously presented or expanding the details of select topics or areas. Consider also a combination tutorial (presentations only) with presentation of papers. Consider case studies on topics related to furnace issues and / or incidents. Communicate with Operations S/C to develop other topics if they are interested.	yes
6.00	Conversion control operational approaches.		Operations S/C	yes

7.00	Coil balancing best practices.	Dan Barnett	Consider tutorial + paper. Discuss methodology, set-up, and maintenance. Contact Spring hanger supplier for input. Consider joint presentation between operator and supplier.	
8.00	Optical COT's with BASF	Nicholas Graham	check with Ben Brown and Dane DeRouen Request a abstract	
9	SCR Maintenance	Jorge Blanco, Dan Barnett, Paul van Helmond	Check with companies which have SCR's installed plus experience from Linde and Technip/Air Products in steam methane reformers.	

Other items discussed.

1. Selection of Chair for the session has not been finalized until the outcome on whether the Operations S/C will participate in a joint session is known.
2. Muhammad Imran agreed to Co-chair either way we go about it.
3. Key Dates:
 - a. November 14 abstract uploaded
 - b. December 5 reject or accept papers
 - c. April 10 confex closes to uploading extended abstracts
 - d. Conference takes place April 26 thru 30 in Austin, TX.
4. Jorge agreed to continue as the Chairperson of the S/C through 2015.

Meeting Adjourned. 10:15 am