

**Minutes of Meeting:**    **EPC Maintenance & Reliability Subcommittee**  
Minutes written by: Jorge Blanco & Muhammad Imran

**Meeting Date:**            April 2, 2015

**Meeting Location:**        BASF, Port Arthur, Texas (hosted by Dane Derouen and Dave Sankey)

**Members attending in person:**

Muhammad Imran, Technip Stone & Webster  
Jorge Blanco, ARVOS

**Members attending via telephone and web conference:**

Mike Pelton - LyondellBasell  
Trobie Thompson – Sasol  
Dane Derouen, BASF

Shailender Inamdar - Linde  
Paul van Helmond, Linde (left early)  
Dave Sankey, BASF

**Meeting Started at 9:00 am**

**Agenda:**            The agenda was reviewed to start the meeting, today's meeting is devoted to review of Speakers PowerPoint presentations.

**Antitrust statement:** The antitrust statement was read by Jorge Blanco

No activity of the committee shall involve the exchange, collection, or dissemination of information among competitors for the purpose of bringing about or attempting to bring about an understanding or agreement, written or oral, formal or informal, express or implied, among competitors, with regard to costs, prices, pricing methods, terms or conditions of sale, distribution, production quotas or other limitations on either the timing or volume of production or sales, or allocation of territories or customers.

**Minutes of meeting of February 2, 2015:**        The Minutes were reviewed and approved with only minor editing.

**Next Meeting:**

No meeting was scheduled to take place prior to the conference which start April 29, 2015. Following the conference a meeting will be scheduled after receiving the Session Comments from the EPC.

**Membership:**

No discussion on membership.

Prior to the kick-off meeting for the 2016 cycle, inactive member's names will distributed among the active members so they can be contacted to establish interest in continued participation.

**Extended abstracts**

All the extended abstracts or papers have been finalized and will be uploaded by the deadline.

### **Review draft of the PowerPoint presentations:**

The comments will be forwarded by Jorge to the respective speakers. Shail would handle the contact to Robert Clauss at Linde.

Coordination among the author/presenters will be arranged to avoid duplicating topics during the session. Jorge will forward the corresponding presentations to the speakers where topics overlap.

Presentation Number 146A, **Ethylene Cracking Heater Troubleshooting Tutorial**, by Brian K. Sullivan.  
General Comment: Longer paragraphs can be changed to bullet points  
Slides 26, 27: Share with Dan Barnett to avoid duplication  
Slide 40: o should be O

Presentation Number 146C, **Robotic Convection Bank Cleaning**, by Mike Watson.  
General: Testimonial slides should be out  
General: Video on external cleaning of coils is not relevant to ethylene furnace. It should be removed from the presentation  
General: List of client should be removed from the presentation. Also any other advertisement stuff should be removed.

Presentation Number 146D, **Design, Installation, Operation and Maintenance for the Transfer Line Exchanger Feedwater Systems**, by René Kulik and Thorsten Schlieter.  
Slides 11 and 13: Too busy  
Slide 14: Acid cleaning recommendation to be double checked by Jorge Blanco  
Slide 16: Reword "Boiler filled with water"  
Slide 20: Reword  
General: No vendor name. Refer to VGB guidelines only  
Slide 28: No clear. Jorge will check what the intent is.

Presentation Number 146F, **Steam Cracking Furnace Pre-/Commissioning**, by Robert Clauss,  
Session # missing  
Aggravated spelling to be fixed on one of the slides  
Slide 6: Use bigger font size  
Slide 7: Arvos covering same topic  
Slide 10: Laval nozzles-change to venture  
Slide 15: Strong contrasting colors required

**Meeting adjourned:** 10:30 am