

**Minutes of Meeting:**    **EPC Maintenance & Reliability Subcommittee**  
Minutes written by: Dane DeRouen & Muhammad Imran

**Meeting Date:**            November 13, 2014

**Meeting Location:**        Teleconference / GoToMeeting web

**Members attending in person:**

N/A

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

Mike Pelton - LyondellBasell	Dave Oulton – Nova Chemicals
Dave Sankey - BASF	Dane DeRouen - BASF
Muhammad Imran - Technip Stone & Webster	

**Meeting Started at 9:00 am** (with technical difficulties actual start was closer to 9:30)

**Agenda:**            The agenda provided by Jorge Blanco was reviewed. (Refer to separate document.)

**Antitrust statement:** The antitrust statement was read by Muhammad Imran.

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 October 23, 2014:**        The Minutes of Meeting were reviewed and approved with only minor editing.

**Report of session topics & review abstracts:**

Paper #1, Ethylene Cracking Heater Troubleshooting Tutorial by Brian Sullivan: This abstract was reviewed during last meeting and there were no comments. Brian is currently getting internal approval.

Paper #2, Cracking Furnace fuels supply - design... by Dan Barnett: Reviewed abstract, proposed minor changes, plus format needs to be corrected to match EPC required format, which Muhammad will do before uploading to Confex.

Paper #3, Maintenance practices in balancing coils for improved reliability... (Lisega): No abstract has been developed yet. It should come from Lisega but it probably won't be available before the deadline tomorrow. Dane will send Muhammad his comments and assist in drafting an abstract as a place-holder in Confex, if needed.

Paper #4, Convection Cleaning with robotic equipment (Tube Tech): Cleaned up abstract to make it more concise. The details removed were good but should be in the intro or main body of the paper.

Paper #5, Cracking Furnace Line Flushing Pre-commissioning by Mike Pelton & Ross Perchuk: Suggestions were made to condense the abstract, but it has already been internally approved as-is. Mike will try to get the revised abstract approved for use.

Paper #6, Cracking Furnace Pre-Commissioning by Robert Klaus: Some revisions were proposed to make it more concise. Muhammad may upload previous version until approval is received from Linde to use the revised version.

### **Membership updates**

Request for membership from Onis – Mr. Mael Disa-Vingataramin: The group present was in agreement that Onis is not directly related to Ethylene technology or maintenance & reliability and therefore not an appropriate candidate for membership in the sub-committee.

### **Other Business**

Option of holding S/C meetings after work hours: postpone to next meeting

### **Next Meeting Schedule**

The group proposed Thursday, January 8 at BASF-TOTAL, Port Arthur, TX for next meeting.

### **Meeting Adjourned at 10:50 am**