ETHYLENE PRODUCERS' TECHNICAL SUBCOMMITTEE MEETING

Date: Thursday: September 21, 2017

Time: 4:30 to 5:30 PM CDT

Agenda

<u>Members:</u> VK Arora, Jack Buehler, Heath Chisholm, Bala Devakottai, Rob Fox, Sanjeev Kapur, Robert Krinock, Aivars Krumins, Ravi Lal, Darren Le Geyt, Krishna Merchant, Alberto Morales, Humera Rafique, Mike Tallman, Mark Whitney, Greg Yeo, Tim Zygula, Thomas Wieslaw

- 1. Reading of the anti-trust statement
- 2. Five Minutes on Safety
- 3. Approval of August 10th minutes
 - a. Update on previous meeting action items
- 4. Any direction/comments from main EPC Greg
- 5. Discuss sessions for 2018 conference
 - a. Fundamentals Jack B / Bob K
 - b. Quench Tutorial Session Bala / VK

Remaining Meeting Dates for 2018 Conference Cycle:

- * Nov 2, 2017
- * Dec 7, 2017
- * Feb 1, 2018

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Date: Thursday: September 21, 2017

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DRAFT Minutes

Action items denoted in **bold underline**.

Location: Doubletree by Hilton Hotel Houston, TX

Members: VK Arora, Jack Buehler, Heath Chisholm, Bala Devakottai, Rob Fox, Sanjeev Kapur, Robert Krinock, Aivars Krumins, Ravi Lal, Darren Le Geyt, Krishna Merchant, Alberto Morales, Humera Rafique, Mike Tallman, Mark Whitney, Greg Yeo, Tim Zygula, Thomas Wieslaw

<u>Present:</u> VK Arora, Jack Buehler, Bala Devakottai, Rob Fox, Sanjeev Kapur, Robert Krinock, Aivars Krumins, Ravi Lal, Krishna Merchant, Mike Tallman, Mark Whitney, Tim Zygula, Thomas Wieslaw

Absent: Darren Le Geyt, Alberto Morales, Humera Rafique, Greg Yeo, Heath Chisholm

Distr: Above + ethyleneproducerscommittee@gmail.com

AGENDA

1. Reading of the Anti-Trust Statement:

No activity of the Committee shall involve the exchange, collection or dissemination among competitors of information, or be used for the purpose of bringing about or attempting to bring about any understanding or agreement, written or oral, formal or informal, express or implied, among competitors with regard to costs, prices or 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.

2. Five Minutes on Safety

- Discussion on house cleanup after flood damage, many hazards to consider nails, potential for asbestos and lead. Wear proper PPE and use professionals when needed.
- 3. August 10th minutes were approved by the committee.
- 4. Sanjeev and Bala gave an update from the main committee:
 - Online access to the new Omnipress platform is now available; most members report being able to access the system without issue.
 - To add access for additional users email M. Tallman.

5. Discussion on sessions for 2018 conference:

Session #1 - Fundamentals

- 1. Bob Krinock continue work with Lin on Dow catalyst paper.
- 2. Jack confirm with Kevin van Geem that paper on emissivity will have experimental data to demonstrate any claims cannot be a sales pitch
- 3. Bob Krinock will work with Mark Sidway on the RDR Roto Dynamic Reactor. Initial response was may be too early, but followup.
- 4. Aivars will talk with Chidoya re zeolite catalyst improves propylene yield from naphtha.
- 5. Jack will talk with Kevin van Geem to insure that the paper on sulfur impacts on yield and coking will have experimental data that was used to develop observations and conclusions
- 6. Mike Tallman will check with Ray Flether on GASOLFIN process. Mike came across this and presented to the committee,
- 7. Ravi will make final check with Johnan on the three lane radiant coil paper. If no commitment we will drop the paper ,
- 8. Greg was going to check with some of university contacts for papers from academia. Greg can you provide update at next meeting. If anyone has contacts with universities (recruiting etc) see if they are doing research that would be of interest for Fundamentals.
- 9. Dorf Ketal paper moved to 2018 as they do not have an operating company co-author.
- 10. Everyone is encouraged to check within their companies for possible papers

<u>Session #2 – Quench Section Tutorial</u>

- Planning for 5 papers, Braskem and Nova are potentials
- Concern with 30 min papers, is it enough time?
 - We will go with 45 min for quench tower and oil tower tutorials, less for modifications.
 - o 3 hour total length. Subcommittee agrees we will do one session.
- Discussion on what we are trying to convey, will cater to younger crowd.
 Discussion on requirement for papers like tutorials in the past, they are encouraged, not required.

Abstracts due Nov 13. Session chairs to decide on presentation draft dates.