ETHYLENE PRODUCERS' TECHNICAL SUBCOMMITTEE MEETING

Date: Thursday: November 2, 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 September 21st minutes

Members list

- 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:

- * November 16, 2017 (tentative Web meeting, to be scheduled)
- * Dec 7, 2017
- * Feb 1, 2018

ETHYLENE PRODUCERS' TECHNICAL SUBCOMMITTEE MEETING

Date: Thursday: November 2, 2017

Time: 4:30 to 5:30 PM CDT

DRAFT Minutes

Action items denoted in **bold underline**.

Location: Doubletree by Hilton Hotel Houston, TX

<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

<u>Present:</u> VK Arora, Jack Buehler, Rob Fox, Sanjeev Kapur, Robert Krinock, Aivars Krumins, Ravi Lal, Krishna Merchant, Humera Rafique, Mike Tallman, Mark Whitney, Thomas Wieslaw, Greg Yeo

Absent: Heath Chisholm, Bala Devakottai, Darren Le Geyt, Alberto Morales, Tim Zygula,

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 cyber security/guarding personal information – One member company has an email passing around warning of scam at hotels: after check-in you may get a call from a third party looking for credit card information, claiming to be the front desk.

Also be vigilant for phishing emails; this is the most common factor in large data breaches.

- 3. September 21st minutes were approved by the committee.
- 4. Discussed if there were any updates from the main committee, none for this meeting.
 - Jack & Bob mentioned that Confex was not working yesterday (but began working this morning, apparently after an update to the site), Aivars will bring this up at the main committee meeting.

5. Discussion on sessions for 2018 conference:

Session #1 - Fundamentals

Jack and Bob gave an update on status for the session:

- Coolbrook may submit a paper, Dow is encouraging them
- Lin Luo's acetylene hydrogenation paper should be in for session
 - Other Dow papers will likely be in other sessions (Maintenance, Big Data)
- Innovacat is not interested in presenting
- Sanjeev mentioned new low NOx burner technology from German company Flox, they presented at EEPC
 - Sanjeev to follow up with Flox on presenting at EPC
- Discussion on membrane companies, if they may have something new to share
 - o Michael Tallman to contact MTR and Imtex
- Greg has followed up with Academia travel budgets slashed at schools, no papers for this vear
- Thomas will ask UOP if there is anything they want to present

We will hold a Webex meeting on 11/16 to review abstracts after the 11/13 submission deadline.

Rob to schedule.

Session #2 - Quench Section Tutorial

VK gave an update on status:

- Sasol paper is a go Thomas indicated they will submit abstract by deadline
- Novachem will present a paper
- Linde will present a paper, Mark to write
- CBI can't present on requested topic
- KBR is checking on a potential paper
- RIL and Sabic have not provided an answer
- Sanjeev has volunteered to fill in for a session in the tutorial if needed

Bala/VK to talk to program chair (Richard Rolke) about adding Quench Tutorial session to Confex