ETHYLENE PRODUCERS' TECHNICAL SUBCOMMITTEE MEETING

Date: Thursday: June 13, 2019 Time: 4:30 to 5:30 PM CDT

Agenda

<u>Members:</u> VK Arora, Jack Buehler, Jeff Elam, Bala Devakottai, Rob Fox, Sanjeev Kapur, Robert Krinock, Aivars Krumins, Ravi Lal, Darren Le Geyt, Krishna Merchant, Humera Rafique, Mike Tallman, Mark Whitney, Greg Yeo, Tim Zygula, Thomas Wieslaw, Tiong-Ee Ting, Hannah Murnen

- 1. Reading of the anti-trust statement
- 2. Five Minutes on Safety
- 3. Approval of Jan 31, 2019 minutes
- 4. Subcommittee discussion of Spring Meeting (+/-'s, other comments)
 - a. Fundamentals Bob / Jack
 - b. Furnace Tubes Darren
 - c. Fouling Tutorial Bala / Rob
 - d. Any direction/comments from main EPC Mike
- 5. TSC Other New Business
 - a. Subcommittee Leadership Elect 2018/19 Chair & Co-Chair
 - b. New members Any proposed changes?

Preliminary Schedule for the coming cycle:

August 8, 2019 October 10, 2019 December 5, 2019 January 30, 2020

The 2020 conference will be 29 March-2 April, 2020, in Houston.

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DRAFT Minutes

Action items denoted in **bold underline**.

Location: WebEx

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<u>Present:</u> Jack Buehler, Bala Devakottai, Rob Fox, Sanjeev Kapur, Robert Krinock, Ravi Lal, Darren Le Geyt, Mike Tallman, Mark Whitney, Tim Zygula, Thomas Wieslaw

Distr: Above + <u>ethyleneproducerscommittee@gmail.com</u>

<u>AGENDA</u>

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

High visibility clothing, used in Scotland for police, etc., really makes a difference in seeing people in traffic... high visibility in plants can help with this.

3. Minutes from past meeting approved by TSC.

4. Session/Conference Feedback

Sli.do was a mixed bag, some liked and other didn't

Issues: Windows phones don't work on program

No wifi at conference, some international attendees didn't have cellular

Hard to keep track of questions to papers

- Is there a way to have them tied to papers

No individual paper ratings, some TSC members disliked this, others asserted individual paper rankings haven't added much value in the past

Sli.do did generate more questions than previous conferences

Feedback from fundamentals: 7 papers was too many this time around, 6 would have been better.

5. TSC Business

Rob has volunteered to serve one final year as TSC chair, no others volunteer so Rob elected Thomas volunteered to co-chair for the year and was elected to do so.

- Thomas will still attend meeting via phone
- Mike Tallman will still report on TSC business to main committee

A vote was held on Jason Hamilton of Dow joining the TSC; Jason is confirmed for membership as a full voting member of the TSC, Bob Krinock of Dow will also continue on the TSC.

- Rob will email Jason to invite him to the TSC.
- 6. Brainstorming for 2020 Conference
 - Group likes tutorial on Thursday potentially do acetylene converters/reactors?
 - Sanjeev proposed a possible business related session tarrifs, crude pricing, capacity coming online – construction issues
 - Group discussion on potential session for "Ethylene plant of the future"
 - All members to continue to solicit potential papers from their organizations and brainstorm on ideas for coming conference.