ETHYLENE PRODUCERS' TECHNICAL SUBCOMMITTEE MEETING

Date: Wednesday: September 12, 2018

Time: 4:00 to 5:00 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. Welcome New Member Dr. Hannah Murnen, Compact Membrane Systems
 - 2. Reading of the anti-trust statement
 - 2. Five Minutes on Safety
 - 3. Approval of August 9, 2018 minutes
 - 4. Discussion on potential sessions for 2019 Conference
 - Fundamentals: Bob and Jack
 - Potential Chemical Treatment Tutorial: Bala and Rob
 - Update on other possibilities: Sanjeev, others

Preliminary Schedule for the coming cycle:

June 29 Call for Abstracts Opens October 11, 2018 Subcommittee Meeting November 12 Call for Abstracts Closes December 6, 2018 Subcommittee Meeting December 14 Papers Accepted / Rejected January 9 Draft Schedule Available January 31, 2019 Subcommittee Meeting March 31-April 4 Conference in New Orleans

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DRAFT Minutes

Action items denoted in **bold underline**.

Location: WebEx

<u>Members:</u> VK Arora, Jack Buehler, Tiong-Ee Ting, 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, Jeff Elam, Hannah Murnen

<u>Present:</u> Tiong-Ee Ting, Bala Devakottai, Rob Fox, Robert Krinock, Ravi Lal, Humera Rafique, Mike Tallman, Mark Whitney, Tim Zygula, Hannah Murnen

Distr: Above + ethyleneproducerscommittee@gmail.com

<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

Mark Whitney – walking after dark, visibility is difficult, buying a reflective vest is a great investment.

3. August 9th minutes were approved by the committee.

- 4. Potential sessions for 2019 Conference:
 - a. Bob gave an update on status for Fundamentals
 - i. Voting on Ghent papers, top 3 are nitrogen impurities, oxy fuel, dimple reactor
 - ii. An abstract was submitted on CAMOL tubes, need to figure out who the author is
 - iii. Lin Luo from Dow is still interested in paper for acetylene catalyst
 - iv. CMS will likely submit an abstract on C4 membranes
 - b. Discussion held on a second session, TSC agreed on a tutorial session for chemical treatment and fouling in ethylene plants
 - i. Bala to chair, Rob to co-chair
 - ii. Tutorial session will have annotated presentations, papers encouraged but not required
 - iii. Will solicit vendors to present on the fundamental chemistry and history of treatment, no sales pitches
 - c. Open item remains from last meeting to check on potential shared session with Maintenance, <u>Sanjeev to update at October meeting.</u>