

EPC Technology Subcommittee Meeting  
August 22, 2013

**Minutes of Meeting**

Location: Doubletree Hotel, Houston, TX

Present: In Person: Alain Chepda, Robert Krinock, Aivars Kruminis, Ravi Lal, Mike Tallman, Tim Zygula, Jack Buehler, Rick Prickett

Via conference call: Brian Bahr

Absent: Greg Dunnells, Alberto Morales, Chell Chellappan, Darren Le Geyt, Sanjeev Kapur Rick Prickett, Greg Yeo

Distr: Above + ethyleneproducerscommittee@gmail.com

Agenda:

- 1) Reading of the Anti-Trust Statement
- 2) 5 Minutes On Safety Topic – Tim Zygula presented, “Methane Release From A Gas-Fueled Heater”
- 3) 2014 EPC Conference Planning
  - Key dates per AIChE
  - Themes
  - The “Fundamentals Session” is off to a good start. There is a good backlog of papers available for this session. Jack has agreed to chair this session. Brian has agreed to co-chair the session.
  - Joint sessions with other subcommittees - The technology session is considering a Joint Session with the rotating group/environmental group. The other option is to have a tutorial on some aspect of ethylene plant operation (Reactors, etc.). We will lock this down at the next meeting.
- 4) TSC - New Business
- 5) 2013-2014 Subcommittee Leadership – We will hold a vote on the following proposal.  
“There is a proposal for Tim Zygula to serve one more year as committee chair and Darren Le Geyt to serve as co-chair. After this year new leadership will be elected.”
- 6) Calendar for 2013 – 2014 - Upcoming Meeting Date Reminders:  
2014 AIChE Spring Meeting / EPC Conference: March 30<sup>th</sup> - April 3<sup>rd</sup>,  
2014 – New Orleans, LA
- 7) Review Action Items
- 8) Adjournment / Next Meeting

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**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. Safety Topic**

1) Tim Zygula presented, "Methane Release From A Gas-Fueled Heater"

**3. 2014 EPC Conference**

The "Fundamentals Session" – Currently, the session has confirmation of two papers for the session. There is a backlog of potential papers for this year but the status of the papers will have to be followed up by the committee members. The action items for each member are listed below. We need everyone to follow up on their action items as soon as possible so we can assess if we have enough papers for the fundamental session. I would like to have a response on your action items in the next two to three weeks.

The technology session has decided to hold a duel session. The first half of the session will be a reactor tutorial. Aivars Kruminis will chair this session. After the break the session topic will switch to auto refrigeration. Robert Krinock will chair this half of the session. There was a discussion in the main committee that the safety committee and the operations committee are also looking at having a session on auto refrigeration. The three groups have decided to try to pool their resources to organize one complete session specifically on auto refrigeration. The safety committee will get in contact with the other groups to organize this effort

**4. 2013-2014 Subcommittee Leadership**

The proposal for Tim Zygula to serve one more year as committee chair and Darren Le Geyt to serve as co-chair was voted on and adopted.

**5. Review Action Items**

**Brian** – Will follow up on these two papers to see if there is any interest in presenting – "Technip New High Heat Transfer Coils" and "Technip New Radiant Coil Technology. Is this different from the Marco Paper?  
Brian will also follow up with Chell to see if there any interest in presenting this paper – "Catalyst assisted production of ethylene from ethane" – Lyondell-Bassell

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**Tim** – Follow up with Lamar University to see if they have a paper they want to present this year. Check to see if BASF has any interest in presenting the Fisher Tropsh paper

**Aivars** – Follow up on the following papers to see if there is any interest in presenting. “Aither ethane to ethylene process”, “Catofin PDH propane dehydrogenation”

**Sanjeev** will follow up to see if Uhde has any interest in presenting their paper on the STAR process.

**Alain** will see if Dorf Ketal wants to present their paper in the operations session. Check the status of the ethylene refrigeration paper from Reliance Industries.

**Jack** – Ask Rick to follow up Chevron paper direct methane to methanol. See if there is any interest in presenting this year.

**Group** – Please send an up on your action items in the next two to three weeks.

**6. Adjournment / Next Meeting**

The next formal group meeting will be held at the Doubletree Hotel(Old Renaissance Hotel Houston) : October 10, 2013 in Houston, TX.