

EPC Technology Subcommittee Meeting  
September 25, 2014

**Minutes of Meeting**

Location: Doubletree Hotel, Houston, TX

Present: In Person: Jack Buehler, Thomas Emmert, Sanjeev Kapur, Ravi Lal,  
Richard Prickett, Mike Tallman, Greg Yeo, Tim Zygula

Conference Call: Darren Le Geyt

Absent: Chell Chellappan, Alain Chepda, Greg Dunnells, Robert Krinock, Aivars  
Krumins, Alberto Morales

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Agenda:

- I. Reading of the Anti-Trust Statement
- II. Five Minutes on Safety
- III. Approval of Previous Meeting Minutes
- IV. Review of Conference Sessions
  - a. Fundamentals
  - b. Flare Session (joint with Operations)
  - c. Panel Session – Market Trends and Impact on Technology Development
- V. Calendar for 2014 – 2015 - Upcoming Meeting Date Reminders: 13  
November 2014, 15 January 2015, 5 March 2015 (if needed)  
  
2015 AIChE Spring Meeting / EPC Conference: April 26<sup>th</sup>- April 30<sup>th</sup>, 2015  
– Austin, TX
- VI. Adjourn

**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

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limitations, on either the timing, or volume of production, or sales, or allocation of territories or customers.

**2. Safety Topic**

Greg Yeo mentioned two separate recent incidents in which people had serious gastro-intestinal problems resulting from ingesting a thin wire from a barbeque wire grill brush. He suggested everybody take care to inspect the grill after cleaning by brushing before placing food onto the grill.

**3. Approval of Previous Meeting Minutes**

Minutes as prepared by Robert Krinock and distributed August 20, 2014 were approved without change.

**4. Review of Conference Session**

The status of the three sessions being planned by the Technology Subcommittee was reviewed as follows:

a. Fundamentals

Jack Beuhler reviewed the spread sheet he had distributed prior to the meeting. We currently have five abstracts in hand, with expectation for 2-3 additional ones. It was agreed to follow up on the potential papers for which we do not yet have abstracts. It is possible that unsolicited abstracts may be posted directly by authors into Confex.

Assuming that in the end we have more than six abstracts from which to choose, all subcommittee members were encouraged to review the abstracts as they are submitted and be prepared to rank them to facilitate final selection.

An updated spread sheet incorporating the results of the discussion is attached to these minutes as Attachment 1.

b. Flare (joint with Operations Subcommittee)

Greg Yeo reviewed the session summary that he had distributed prior to the meeting (Attachment 2). At the last main committee meeting the Operations subcommittee mentioned that they were planning several papers related to Flare with many of the topics coinciding with those from our last meeting. Greg participated in a teleconference with some members of the Operations subcommittee and it appears there will be ample papers for a joint session.

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Greg mentioned that the first paper is expected to be presented by an expert knowledgeable in regulations related to flares.

The second paper is expected to be presented by somebody knowledgeable in basics of design and design issues related to various types of flares. Sanjeev will check with a consultant on his willingness to present such a paper.

The rest of the session is expected to consist of several potential papers from operating companies, a paper on flare gas recovery and one on reduced flaring at start-up.

c. Panel Session – Market Trends

Sanjeev Kapur reviewed the two abstracts for papers which will set the stage for the panel discussion. These papers are intended to summarize market trends which are driving technology development. This will be followed by the panel session itself; to date five individuals have tentatively agreed to participate and we are waiting to hear responses from others.

All subcommittee members are encouraged to think about potential questions for the panel and submit them in advance to Sanjeev and Greg Yeo.

**5. Meeting Schedule**

The next formal group meeting will be held at the Doubletree Hotel (Old Renaissance Hotel Houston) at Greenway Plaza: November 13, 2014.

Subsequent meetings are scheduled for January 15, 2015 and, if needed, March 5, 2015.

For now we do not anticipate an interim teleconference will be needed, but if necessary one will be organized.

The Ethylene Producers' Conference is scheduled for April 26-30, 2015, in Austin, TX. Major milestones leading up the conference:

Abstracts must be uploaded	November 14, 2014
Session chair accept/reject/order papers	December 5, 2014
Extended abstracts must be uploaded	March 13, 2015

Minutes Prepared By:

MJ Tallman (Technology Subcommittee Co-Chair)  
September 30, 2014