



Ethylene Producers <ethyleneproducerscommittee@gmail.com>

Meeting Notes

1 message

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Apologies:

1. First for how late these notes are. My written notes are meant to be transcribed in a day or so, and I forgot them in my office and went off on a business trip for over a week. Please correct any misinformation because my handwriting and memory are both a little shaky.
 2. I was supposed to invite Charlyn Voight from Flint Hills, but I overlooked this. I will include her next time.
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Date: Thursday, June 5, 3-4 PM CDT

Agenda:

1. Read Anti-trust statement
2. Review comments from 2014 session
3. Select session chair/co-chair
4. Begin soliciting ideas for theme for session / ideas for papers

Attendance: Andre Bernard, Tom Pickett, Dave Smith, Jeff Bone, Steve Coleman, Joe Lally, Art Baumgartner, Susan Brunner, Zhenning Gu

1. Tom read 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. Reviewed comments from the 2014 session. While some of the comments were negative, most were very positive, and the attendance showed a great interest in the session's paper. For instance, Morgan Stante of Nova has received several requests to talk about her paper.

3. Mark Brayden and Joe Lally to serve as session chair and co-chair, respectively.

4. Discussed several ideas for papers in 2015, many requiring more investigation to develop. Art looked over the past few years to note what has been covered and any deficiencies in our coverage. Steve also mentioned a more concerted effort to address feedstock impurities.

Some of the areas that have been covered in the not-too-distant past are mercury, amine treatment, water treatment, and sulfiding, and Nox has been covered by the Safety Subcommittee.

One area that has not been addressed is the impact of particulates in gas feeds. While the Pall/Dow paper addressed particulates in liquid fee, it did not cover particulates in gas feeds. This could be one that we could develop with Pall.

Another potential paper may be around impurities as a result of cracking shale gas ethane and propane. Steve will investigate if LyondellBassell can share on shale condensates. Tom to see if there is any information that Technip can share on the subject.

Another idea is contaminant-induced corrosion, specifically, in the process water stripper/dilution steam system, including under-deposit corrosion.

We also discussed decoking, specifically to the firebox. We talked about perhaps the general performance of SCR units, or maybe a tutorial on decoking approaches.

While sulfiding has been covered in the past few years, there may be an opportunity to discuss the impact on modern tube metal materials, especially after many decoke cycles. Or perhaps a paper on the impact of sulfur on C2 cracking.

Andre mentioned methanol washing exchangers in an ethane cracker, but that there may be literally nothing to report.

Finally, we discussed a follow-up to Dwight Hine's paper on ammonia and Nox, perhaps the impact of adding MEA to quench water and its impact on ammonia levels in the quench water system.

Lee Ann sent a note after the meeting: Jay Gorawara from UOP has offered to present a follow up to the 2010 EPC Presentation on Mercury Removal.

Next meeting will be in August before the EPC Main Committee meeting on August 21. Mark will send out the meeting notice.