

Feedstock Sub-Committee – October 17th, 2019 Meeting

Attendees

Art Baumgartner – Shell
Dwight Hines - BASF
Tom Pickett – Technip
Jennifer Nill – CP Chem
Dave Hood – Suez
Andre Bernard – Nova
Hua Mo - GEBH
Ali Abbaspour – Honeywell
Sherri Elder –
Joe Lally – Evonik

1. Review Proposed Agenda

2. 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.”

3. Review last meeting minutes

4. Main Committee Updates (Tom)

Main committee met last week (week of October 7th). The Feedstock Contaminants session is still plan for a Monday afternoon session.

Key Dates:

- Next EPC March 29th to April 2nd, 2020 in Houston
- Call for abstract close November 22nd, 2019
- Paper accepted or rejected December 13th, 2019

5. Discuss Paper Ideas

Paper on Radon presence in some unusual location. The paper is still a go. Jennifer needs to touch base with the authors and get them to submit an abstract.

Follow up paper on Debutanizer bottom recycle based on practical experience. Andre got in touch with Tom Scott and Mike Tallman at KBR. Due to the sensitivity and proprietary nature of the data, KBR is currently not in a position for presenting in a public forum such as the EPC. Agreed to keep the idea on standby for future EPC's.

Membrane technology for removing impurities in C2 streams (Membrane Technology & Research – MTR). Joe got a contact and will follow up. Thiophene contaminant in Pygas. Paper will be geared towards education. A good fit for younger audience with the conference being in Houston. Dwight needs to check with BASF and talk with Dave Slim. Paper might still be a go.

Phosphorus in feedstock. Phosphorus a problem in plastic recycle. Consideration to a general paper on plastic recycle to cracking feed/ with emphasis on contaminants (chlorides & phosphorus). Dave Smith showed interested in doing a paper on chlorides and phosphorus. Dave needs to check for permission to publish. Art indicated that Shell will not co-author the paper. He can however participate if the paper is author by sub-committee members. Anyone interested in contributing to the paper please email Art, Dave and/ or Andre. Need to follow up with Dave.

There is interest in discussing contaminants such as glycol, drag reducer and other contaminants potentially found in ethane pipelines. Tom reached Enterprise who confirmed their interest in presenting a paper.

Dow on-purpose propylene catalyze fluidize bed technology vs contaminants export to cracker paper idea. Due to intellectual property constraint, this material cannot be presented at EPC at this point. Will keep the idea for future conference.

Sheri reported on a group who could potentially present a paper on NOx elimination from pygas recycle stream to the furnaces using an alternative inhibitor that has been tested. Dwight mentioned about another paper on NOx currently included in another session. We dropped off a paper on NOx due to conflict in topic with the environmental session (ref. minutes of August 28th meeting) on NOx. Tom will confirm if this topic is in conflict with other sessions.

Sheri reported on a potential paper on CS2 removal process from H2S scavenger. CS2 rise due to H2S scavenger use on shale gas.

Art will provide University of Ghent contact names to Joe so he could inquire about paper ideas

No papers have been uploaded on the AIChE web site yet.

6. Next Meeting

Next meeting Thursday October 31st.