

Feedstock Sub-Committee – August 8th, 2019 Meeting

Attendees

Ali Abbaspour - Honeywell
Robert Alvers - LyondellBasell
Andre Bernard - Nova Chemical
Art Baumgartner - Shell
David Smith - Nalco/Ecolab
Joe Lally - Evonik
Mark Davis - Dow Chemical
Jennifer Nill - CPChem
Sheri Elder -
Tom Pickett - FMC Technip

1. 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. Roster Changes

Ali Abbaspour Honeywell replacing Lea Nairn
Dane Grenoble left the Sub-Committee
Mark Brayden Retired

3. Main Committee Updates (Tom)

Last Main Committee meeting held in June
Main Committee meeting tonight (August 8th)
Next Main Committee meeting schedule October 10th

EPC 2019 – Feedstock Contaminants session largest attendance (250)
Followed by Technology & Thursday Tutorial

Next EPC March 29th to April 2nd, 2020 in Houston

Call for abstracts currently open.
Closing date for uploading abstract is November 22nd, 2019

4. Idea for papers

Paper on Radon presence in some unusual location. Considering having a contractor involve. Try to bring new material. (Jennifer – CP Chem)

Follow up paper on Debutanizer bottom recycle based on practical experience. Andre will get in touch with Tom Scott (KBR) to check if KBR can share some of their experience.

Membrane technology for removing impurities in C2 streams – Mark Brayden provided contact to Joe (Membrane Technology & Research – MTR). Joe will follow up.

Ravi Lal feedback through the database on thiophene not being included in the database. Ravi was looking for feedback on high thiophene content in Pygas stream.

Art -> Dry gas processing. Organics chlorides (Russian putting organic chlorides into crude – shut down few refineries in EU. Organics chlorides find its way through PVC on recycle, not picked up by IR. Affect recycling plastic in making oil. Contaminants problem/ PVC separation.

Phosphorus in feedstock. Phosphorus a problem in plastic recycle. Art reported that NALCO has fair bit of experience with phosphorus in cracking furnace.

Consideration to a general paper on plastic recycle to cracking feed/ with emphasis on contaminants (chlorides & phosphorus).

Furnace with SCR (selective catalytic reduction for reducing NOx), impact of contaminants on catalyst. Jennifer suggested that CP Chem might be able to present something on that topic.

Targeting 5 papers for the session. 3 paper 20 min & 2 longer one.

5. Next Meeting

Next meeting Thursday August 29th.