

## Minutes from October 11, 2018 EPC Feedstock Contaminants Subcommittee

Next Meeting – October 25, 2018 3PM CDT

### Agenda

1. Review and finalize agenda (all)
2. Reading of anti-trust statement (Joe L)
3. "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."
4. Review Meeting Minutes
5. Update from EPC – if we have any
6. Updates on proposed papers/topics

The deadline for abstracts is November 12, 2018. We are targeting 4-5 papers to allow speakers a little more time than they have had in the past.

Mark Davis from Dow has joined us, please welcome him to the group.

### Topics

- Dorf Ketel, Jim Ondyak, three potential topics: a compressor section case study, a sulfiding agent review, and a butadiene inhibitor.
  - No update yet, Jim O is working on this
- CRI has expressed an interest in presenting but I've not received presentation topics from either of them yet.
  - Ernesto is interested. Joe to follow up
- Tom Pickett has reached out to Patrice Bourrier from Alfa Laval who proposes to present "Fouling of Quench Water Cooler Using Compabloc". They are gathering newer process data from an installation to (hopefully) include in the paper.
  - We are not optimistic that this will develop into a paper for this year.
- Dave Smith provided an update on his search
  - A Caustic Tower Learning Event
  - Analyzing Fouling Material Visually
- Andre Bernard is looking at C4 recycle lab data to see if there is something that can be turned into a paper.
  - Debutanizer Bottoms Recycle for Enhancing Gasoline/ Water Separation in the Quench System
    - This will be uploaded to Confex
- Dave Slim is proposing a paper on contaminant recycle. He proposes a scope such as :
  - Contaminants in recycle streams can have a significant impact on operating problems, operating costs and productivity. The prime focus of this presentation is to assess the origin and impacts of such contaminants. Several examples will be included. Some generic mitigation steps will also be reviewed.

- This came up after our last meeting. Honeywell's Dave Smith proposed the attached abstract on Purification of Refinery Off-Gas Streams Fed to Ethylene Plants. Thank Lea Ann.
  - @ Lea Ann - We would like to know if this is a new technology. It is an interesting topic and Mark Brayden will look to see the last time this was presented.

For Reference:

We have an abstract on hold for now from Sabah Kurukchi on Green Oil Removal, this is a similar topic to one he wrote a paper on while at Shaw Stone and Webster just over a decade ago. No need to decide on this right now, for reference Tom Pickett provided the paper from this author from 2007. [https://chemicals-polymers.pall.com/content/dam/pall/chemicals-polymers/literature-library/non-gated/HydroCarbon\\_Asia\\_\\_Jan2007\\_.pdf](https://chemicals-polymers.pall.com/content/dam/pall/chemicals-polymers/literature-library/non-gated/HydroCarbon_Asia__Jan2007_.pdf)