

Contaminants & Impurities in Ethylene Plants Subcommittee – October 12th, 2022 Meeting Minutes

Team Members

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|--------------|---|---------------|---|------------------|---|
| Mark Davis | X | Yong Wang | X | Robert Alvers | X |
| David Smith | X | Joe Lally | | David Hood | |
| Sherri Elder | | Andre Bernard | X | Ross Perchuk | X |
| Mark Whitney | X | Scott Hailey | X | Lisheng Xu | |
| Dwight Hines | | Jennifer Nill | | Debby Rossana | |
| Omar Hamid | X | | | | |

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. Key Dates

- Call for abstract is currently open
- **Call for abstract closes Oct 25th, 2022 - Priority**
- Paper acceptance/rejection -> December 9th, 2022
- EPC Draft Schedule January 6th, 2023
- Program to go live January 13th, 2023
- Paper submission/ Presentation -> January/February
- Virtual Dry Run -> 2 to 3 weeks prior to the conference
- Conference -> March 12th to 16th in Houston

3. Updates from Main EPC Committee

It was decided at the last Main Committee meeting to transfer University of Ghent paper “Towards High-Quality Petrochemical Feedstocks from Plastic Waste Pyrolysisoils: Contaminant Removal Via Filtration and Its Impact on Steam Cracking” to the Contaminants & Impurities in Ethylene Plant session. The abstract has been transferred in confex.

Many Subcommittees currently have too many abstracts. Therefore, there is possibilities of transferring some of those abstracts.

4. Review Paper Ideas

Contaminants from Plastic Waste Base Feedstocks

- Contaminants from waste plastic pyrolysis & treatment - University of Ghent. The abstract is in confex under our session.
- Waste plastic pyrolysis oil & its chemical treatment – Baker Hughes (Lisheng to follow up). Lisheng is currently out of the country – Andre will follow up with Lisheng.
- Plastic Pyrolysis Oil Hydrotreating – Honeywell UOP – Abstract has been uploaded in confex.

DMS Alternatives

- DMS Alternatives – CPChem. Abstract has been uploaded in confex.
- SULSAFE™ Sulfiding Agent – Enhanced Performance for a Sustainable Operation – Dork Ketal. Abstract has been uploaded in confex.
- DMS/ DMDS Experience – ExxonMobil. Potential approval issues, the status is currently uncertain (Dave S. to follow up)
- Subcommittee paper abstract on DMS & DMDS introduction has been uploaded in confex.
- Potential paper on arsine & phosphine removal without lead – UOP (Scott to follow up). The abstract had been submitted to the operation session. Potential of repatriating the abstract to our session depending on the number of abstract submissions to the operation session. (Andre to follow up after abstract submission closing date).

5. Technical Discussion

- None currently

6. Other Business

Contact relative to potential abstract transfer between session is Michael Smith.

7. Schedule Next Meeting

Next Meeting Nov 17th, 15h00 CST