

## **EPC Operations Committee Meeting Minutes**

Time: 1:00 – 2:00pm

Date: 8-16-22

Location: virtual

Attendance:

Patty Summers (Zeochem)  
Jenny Heinlein (Dow)  
Dan Euhus (Dow)  
Vik Balasubramanian (Linde)  
Christopher Carr (ExxonMobil)  
Bryan McVicker (ExxonMobil)  
Greg Baker (Ineos)  
John Pena (Shin-Tech)  
Marty Shelton (Eastman)

### **Agenda:**

- Anti-Trust statement – Patty
- Membership updates
- Main Committee Updates
- Paper ideas/status
- Discussion of Chair/co-Chair roles for both subcommittee & Session – Volunteers?

### **Anti-Trust Statement:**

“No activity of the Committee shall involve the exchange, collection or dissemination of information among competitors 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.”

### **Meeting Minutes**

#### **Membership:**

Greg Baker of Ineos and John Pena of Shin-Tech introduced themselves. Welcome to the committee!

#### **Main Committee updates:**

- Initial call for papers closes in Oct., but fully expect it to be extended through end of the year. That said, the conference is in march this year, so fairly early. Time is short.
- Expect AIChE to again allow daily conference attendance to facilitate local engineers attendance
- Learning sessions will be encouraged
- Dow is working on an abstract for Flare Gas Recovery Design, Commissioning, and Operations Learnings. Hope to get it approved in Sept.

### **2023 Conference Paper Status**

- We have one abstract already submitted to the CONFEX system. It is from Nova and is a paper study on auto refrigeration during N2 filled lines. ? Dan will call to learn more about whether this is best for operations or for safety committee.
- Bryan said that one paper which would be interesting has to do with high H2 and ultra high H2 firing. Perhaps a vendor could present on this. We could reach out to all furnace suppliers (Zyco, Zink, Caladus) perhaps have a panel to discuss the challenges. Would be a discussion on reliability so applicable to operations. They will look into it further. Bryan presented on this, high H2 firing with tools to help manage.
- Chris says Exxon Mobil has two potential papers they are working on. One could be a case study on the use of enhanced heat transfer tube technology to debottleneck the C2 splitter. The other one has to do with during upsets how to place the chill down system into a safe state to help the producer more efficiently and rapidly recover, thus minimizing downtime and other potential impacts. It would speak to reliability.
- Greg also spoke about safely shutting down the core exchanges of the cold boxes allowing them to be brought back up gently. Best practices for increasing reliability.
- Richard reports that Dow is working on an abstract for Flare Gas Recovery Design, Commissioning, and Operations Learnings. He hopes to get it approved in Sept.

Link for the call for papers is: <https://aiche.confex.com/aiche/s23/cfp.cgi>

The official end date for Abstract submittal is October 25, 2022.

**Please continue to pursue abstracts!**

**Other:**

We could still use another volunteer or two for the Sub-committee or Session chairs. I will send a separate note on the various positions and roles.

Next meeting:

September 20, 2022 1:00pm Central time Dan to send out the meeting notice