

EPC Operations Committee Meeting Minutes

Time: 10:00 - 2:00 pm

Date: 3-3-2020

Location: UOP/Honeywell

Attendance: Allan Hatami, David Dutschmann, Jenny Heinlein, Muhammad Imran, Richard Rolke, Bryan Tibodeaux, Ryan Chun, Mark Whitney (covering for Vik Balasubramanian), Joe Bell, Mike Milanowski, Patty Summers

Agenda;

- Anti-Trust statement - Patty
- Review of presentations
- Discussion of outstanding items

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:

Papers:

- ExxonMobil Baytown Olefins Plant Commissioning Safety Focus – David Dutschmann
- Improved Regeneration of Adsorbent Beds – Patty Summers/Claire Cagnolatti
- Use of Dynamic Simulation for Seeding APC input for Quicker Benefit – Carl Harry
- TDLAS Analysis of NH₃ in High-Purity Ethylene – Patty Summers
- Olefin Plant Wastewater Treatment Issues – Unique Challenges and Their Solutions – Ryan Chung
- Study on 1,3-Butadiene Production Issues Arising with the Increasing Trend of Lighter Feedstock – Jenny Heinlein

Paper 81a ExxonMobil Baytown Olefins Plant Commissioning Safety Focus (presentation received)

Slide 3: Spell out S/D and CV

Slide 5: Spell out PGC

Slide 10: spell out NNF

Video is a large file and will need to be loaded at time of conference

Need paper and speaker bio

Paper 81b Improved Regeneration of Adsorbent Beds (presentation)

Add 81B to the title slide.

Forth bullet on slide 11: increased interval (instead of increased frequency)

Slide 14: also has increased frequency

Slide 16: frequency.

Practice because there is a lot of content. Stay on task or may be over 20 – 25 minutes. Same theory applies to all.

Need paper and speaker bio.

Paper 81c Use of Dynamic Simulation for Seeding APC input for Quicker Benefit (Presentation)

Add paper number.

Company confidential needs to be removed.

Need PPT file as well as paper.

Remove introduction of speakers in presentation.

Slide 5: increase font on dates – or better yet put number of days delayed by step

Slide 6: can the image be better resolution? Rebuilding it in ppt instead of image will help

Slide 7: Text hard to read. Could the wide screen format help here?

When presenting, speak the words for MV and other acronyms which the audience may not know

Is this an ethylene plant? If not, be sure to say early that it isn't but would apply to ethylene plants. Reference to vacuum was the give away.

Paper 81d TDLAS Analysis of NH₃ in High-Purity Ethylene (presentation and paper)

Add paper number.

Remove small title on top left – fix date as well.

Don't reference pipeline spec from Chevron

Slide 12 may not be needed. This user group not as interested in the how its built vs how it is used.

Too many slides? Hide the alternative technologies? And the title TDLAS?

Tape image is fuzzy

Slide 20 may not be critical if need to cut

Spell out LDL

3 slides to summarize is too much

Need speaker bio

Paper 81e Olefin Plant Wastewater Treatment Issues (presentation)

Paper number to be added. The presentation is too long so needs to be focused and shortened.

Slide 2 will not project well. Is this slide necessary? Slide 3 tells the story.

Simplify slide 3 if possible. Naphtha not spelled correctly.

Should there be waste water from dilution steam generation? Blow down not quite right. Was this supposed to come from DSG, or phase separator drum.

Spell out RO and IOX slide 4.

Slide 6: what is TKN? Is this info relevant

Slide 7: Does he want to show only the typical here?

Slide 9: CTBD needs to be spelled out

Slide 10: number 1 should have sub bullets, too many words

Slide 12: is P phosphate in footnote

Slide 13: this isn't an ethylene plant. Can he reduce scope of the talk so we don't have too much on the mechanism?

Can he summarize the biological treatment? Don't need the how the biological works.

Slide 17: chronicle should be chronic. Title needs to be short, too many words.

Slide 18: too much data. Mg is low.

Math – save for the paper

Slide 24: bullets here too. What is MBBR
Conclusions: use bullets.

Paper 81f Study on 1,3-Butadiene Production Issues Arising with the Increasing Trend of Lighter Feedstock (Presentation and paper)

Need paper # 81F

Pie chart – change the colors for better differentiation.

Wide format would help, add words to the slides in first part.

Talk to methodology – would it apply to other products

Slide 9: top two are the only relevant data sets? Others don't have comparison. Is there a point here?

Slide 10: what is S/F ratio? Solvent to feed?

Slide 7. Is this a patented process? OK to show? Do they have permissions? Typically an NDA is signed for this. Is the diagram necessary? Same for slide 12 chart. Perhaps it could be simplified to hide a lot of the details.

Need to condense the number of slides it takes to make this point. Slides 5 to 16 reduce to 3 to 4 slides. Perhaps combine graphs into 4/slide?

Second part on the lignin topic isn't applicable to this session. Perhaps a good fit in the technology session next year.

Part one, conclusions good but could add more words so the audience can get there.

Need speaker bios.

Next Meeting:

No meeting scheduled.

Follow-up Actions:

1. All sub-committee sponsors to address modifications and missing papers/bios with the authors/presenters.
2. Papers should be uploaded by the author/presenter to the AIChE website under "extended abstracts"
3. Resubmit presentations to the committee.

EPC Schedule:

Future conferences:

2020 Houston - Hilton Americas/GRB (March 29 – April 2)

2021 Dallas

2022 Florida?

2023 Houston

2024 San Antonio or New Orleans