

EPC Operations Committee Meeting Minutes

Time: 10:30 - 1:00 pm

Date: 04/03/18

Location: In person at Houston Technip Office & Virtual

Attendance: Richard Rolke, Jagdish Prajapati, Jenny Heinlein, Muhammad Imran, Allan Hatami, Claire Cagnolatti, & Patty Summers

Agenda:

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|----|---------------------------------------|---------|
| 1) | Read Anti-trust statement | Richard |
| 2) | Review Main committee updates | Richard |
| 3) | Review status of Papers | all |
| 4) | Discuss next Conference focus options | all |
| 5) | Set next meeting date | all |

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:

- Reviewed anti-trust statement
- Reviewed paper and presentation guidelines
 - o Papers should be uploaded by Friday if possible
 - o Be sure paper titles and file names include paper number
 - o Paper focal points to encourage presenters to meet in the session room after the last presentations on Monday to complete dry runs of presentations
 - o Will need speaker Bio's forwarded
- Reviewed status of 6 papers, Summary below
- Set date of next Operations Committee meeting
 - o Next meeting will be in July/Aug. timeframe
 - o With the next conference being in New Orleans, will expect an attendance from recent graduates. Good opportunity to again lean more toward tutorials. Please start thinking about subjects. Can be past repeats.
- Misc. notes
 - o In person meeting was the best format for reviewing all the presentations. Attendance during this meeting was low.
 - o Please send draft questions in to Patti for each paper for use in case there are no audience questions.

Final Paper Selection:

- 08:00 AM [Welcoming Remarks](#)

- 08:05 AM [78a Troubleshooting Vacuum Operation of an Inter-after Condenser Unit in Ethylene Plant](#) **Thomas Wieslaw**¹, **Jeff Nichols**¹, **Norman Lieberman**² and **Eric Johnson**³, (1)SASOL, Westlake, LA, (2)Process Improvement, Metairie, LA, (3)Graham Corp, Batavia, NY
- 08:30 AM [78b Reduced Flaring Options during Ethylene Plant Start-up and Shutdown](#) **Ramakrishnan Subramaniam**¹, **Muhammad Imran**² and **Thomas Pickett**², (1)Technip Stone and Webster Process Technology, Houston, TX, (2)Technip Stone & Webster Process Technology, Houston, TX
- 08:55 AM [78c Olefin Plant Turnaround Optimization](#) **Claire Cagnolatti** and **Jon Bowen**, Chemicals CPA, Solomon Associates, Dallas, TX
- 09:20 AM [Break](#)
- 09:40 AM [78d Impact of Cracked Gas Drier Adsorbent Pressure Drop Increase on Plant Profitability](#) **Recai Artan**, Technology Chemicals, SABIC Limburg B.V., Geleen, Netherlands and **Bruno De Jonckheere**, Honeywell UOP, Antwerp, Belgium
- 10:05 AM [78e Mole Sieve Steam Deactivation](#) **Megan Finstad**, The Dow Chemical Company, Fort Saskatchewan, AB, Canada
- 10:30 AM [78f Ethylene Furnace Pre-Commissioning and Commissioning - New Furnace or after Major Revamp](#) **Kari J. Enqvist**, ENQ-Cosultancy Oy, FI-06101 Porvoo, Finland
- 10:55 AM [Concluding Remarks](#)

510434: 78a Troubleshooting Vacuum Operation of an Inter-after Condenser Unit in Ethylene Plant

Sponsor – John S

Status: paper uploaded and presentation in progress

509890: 78b Reduced Flaring Options during Ethylene Plant Start-up and Shutdown

Sponsor – Muhammad

Status: Paper to be uploaded by Apr. 6th. Preliminary was reviewed by committee.

510219: 78c Olefin Plant Turnaround Optimization

Sponsor – Claire C

Status: Back fill for cancelled Catalyst paper. Presentation ready and will be sent out for review on Apr. 6th. No paper with this one.

509973: 78d Controlling Adsorbent Pressure Drop in Cracked Gas Dehydrators

Sponsor – Jagdish P

Status: Paper complete and uploaded. Presentation reviewed.

507818: 78e Mole Sieve Steam Deactivation

Sponsor – Jenny H

Status: Paper and presentation done. Internal reviews complete. Paper ready for uploading.

510082: 78f Ethylene Furnace Pre-Commissioning and Commissioning - New Furnace or after Major Revamp

Sponsor: Jagdish P

Status: Paper uploaded and presentation review complete

Cancelled:

**513256: NOVA Chemicals™ Ethylene Plant 18 Year Continuous Operations with Chevron Phillips
Chemical Company™ E-SERIES® Catalyst**
Sponsor – Jeff

Next meeting – July/Aug timeframe

EPC Schedule:

Location: Marriott Orlando World Center
Sessions entered into Confex: June 30, 2017
First Call for abstracts: July 5, 2017 done
Site visit planned: Jul 9-10, 2017 done
Call for abstracts closes: Nov 13, 2017 done
Papers Accepted/Rejected: Dec 18, 2017 done
Draft Schedule ready: Jan 8, 2018 done
Online registration begins: Jan 19, 2018 done
AIChE draft paper due: Mar 21, 2018 done
AIChE final papers due: Mar 28, 2018 done
AIChE draft slides due: Apr 9, 2018
Conference: Apr 22-26, 2018

Conference Schedule:

2017 Ethylene Producers' Conference Program - DRAFT 2

Monday April 23rd Schedule Break – 10:20 to 10:40	9:30 AM 11:30 AM	Ethylene Plant Process Control Session Chair: Sasha Vragolic Co-Chair: Eddy Fontenot Room: Palms Ballroom SAGO	AIChE Keynote Presentation (N/A) Schedule Break – 3:20 to 3:40	2:00 PM 5:00 PM	Ethylene Plant Feedstock Contaminants Session Chair: Mark Brayden Co-Chair: Joe Lally Room: Palms Ballroom SAGO
	9:30 AM 11:30 AM	Reliability and Operability of Rotating Equipment in Ethylene Plants Chair: Brian Wadas Co-Chair: Shane Harvey Room: Palms Ballroom ROYAL		2:00 PM 5:00 PM	Ethylene Plant Rotating Equipment Panel Session Chair: Brian Wadas Co-Chair: Shane Harvey Room: Palms Ballroom ROYAL
Tuesday April 24th Schedule Break – 9:20 to 9:40	8:00 AM 11:00 AM	Ethylene Plant Operations Session Chair: Richard Rolke Co-Chair: Patty Summers Room: Palms Ballroom SAGO	11:30 AM – 1:30 PM Networking Luncheon Schedule Break – 3:20 to 3:40	2:00 PM 5:00 PM	Ethylene Plant Technology Fundamentals Session Chair: Jack Buehler Co-Chair: Bob Krinock Room: Palms Ballroom SAGO
	8:00 AM 11:00 AM			2:00 PM 5:00 PM	Ethylene Plant Maintenance & Reliability Session Chair: Jorge Blanco Co-Chair: Shailendra Inamdar/Michael Pelton/ Keyton DeRouen Room: Palms Ballroom ROYAL
Wednesday April 25th Schedule Break – 9:20 to 9:40	8:00 AM 11:00 AM	Ethylene Plant General Environmental Session Chair: Mark Ulrich Co-Chair: ?? Room: Palms Ballroom SAGO	Schedule Break – 3:20 to 3:40	2:00 PM 5:00 PM	Ethylene Plant Safety Session Chair: Gwen Kelly Co-Chair: Micheal Smith Room: Palms Ballroom SAGO
	8:00 AM 11:00 AM	Big Data Applications within the Hydrocarbons Technology Chair: Birgit Braun Co-Chair: Sasha Vragolic Room: Palms Ballroom ROYAL		2:00 PM 5:00 PM	open
Thursday April 26th Schedule Break – 9:20 to 9:40	8:00 AM 11:00 AM	Ethylene Cracker Quench System Tutorial & Improvements Session Chair: Bala Devakottai Co-Chair: VK Arora Room: Palms Ballroom ROYAL			