

## **EPC Operations Committee Meeting Minutes**

Time: 1:30 - 2:30 pm

Date: 11/30/17

Location: Virtual

Attendance: Richard Rolke, Jagdish Prajapati, Jenny Heinlein, Johnny Spell, Muhammad Imran, Allan Hatami, Jeff Edwards, Daryl Bitting, & David Dutschmann

### Agenda:

- |    |   |         |
|----|---|---------|
| 1) | Read Anti-trust statement                   | Richard |
| 2) | Review Main committee updates               | Richard |
| 3) | Selected papers from 11 submitted abstracts | all     |
| 4) | 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 main committee notes
  - o Omni Press access required to previous papers
  - o New subcommittee on Low Temp. Embrittlement
- Reviewed EPC Conference schedule
- Reviewed 11 submitted abstracts. Selected top 6 papers and one alternate

### **Final Paper Selection:**

#### **1 - T4 507818: Mole Sieve Steam Deactivation**

Sponsor – Richard

Authors:

Megan Finstad

mfinstad@dow.com

#### **10 - Leaking Cold Box: Risk Mitigation and Learnings from Incident**

Sponsor – Darryl

Authors:

Issue with paper

#### **3 - T4 510434: Troubleshooting Vacuum Operation of an Inter-after Condenser Unit in Ethylene Plant**

Sponsor – John

Authors:

Thomas Wieslaw

thomas.wieslaw@us.sasol.com

Jeff Nichols

Jeffery.Nichols@us.sasol.com

**7 - T4 509890: Reduced Flaring Options during Ethylene Plant Start-up and Shutdown**

Sponsor – Muhammad

Authors:

Ramakrishnan Subramaniam

Rsankarasubramaniam@technip.com -- Will not be published

Muhammad Imran

[MImran@technip.com](mailto:MImran@technip.com)

**11 - T4 509973: Controlling Adsorbent Pressure Drop in Cracked Gas Dehydrators**

Sponsor – Jagdish

Author:

Recai Artan

Recai.Artan@SABIC.com

Bruno De Jonckheere

bruno.dejonckheere@uop.com

**4 - T4 510219: Olefin Plant Turnaround Optimization**

Sponsor – Claire

Claire Cagnolatti

Claire.Cagnolatti@SolomonOnline.com

**Alternate:**

**8 - T4 513256: NOVA Chemical's™ Ethylene Plant 18 Year Continuous Operations with Chevron Phillips Chemical Company's™ E-SERIES® Catalyst**

Sponsor - Jeff

Authors:

Maite Sadaba Omana

Maite.SadabaOmana@novachem.com

Kelly Lohmeyer

lohmekr@cpchem.com

**Not selected:**

5 - T4 510082: Ethylene Furnace Pre-Commissioning and Commissioning - New Furnace or after Major Revamp

Action – Communicate with author

2 - T4 512148: Implementation of Olemax208 at Dow's Back End Acetylene Hydrogenation Unit

Action - Recommend waiting 1 yr

6 - T4 512043: Ethylene Furnace Operational Excellence Enabled By a Digital Twin

Action - recommend moving to another session

9 - T4 513722: Successful Operation in Mapd Reactors in the Chemical/Refining Industry

Action – Communicate with author

Next meeting – Mid Jan-18, virtual  
Following meeting – Mid Feb., in person

**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

Papers Accepted/Rejected: Dec 18, 2017

Draft Schedule ready: Jan 8, 2018

Online registration begins: Jan 19, 2018

AIChE draft paper due: Mar 21, 2018

AIChE final papers due: Mar 28, 2018

AIChE draft slides due: Apr 9, 2018

Conference: Apr 22-26, 2018

**Conference Schedule:**

## 2017 Ethylene Producers' Conference Program - DRAFT 2

<b>Monday</b> 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
<b>Tuesday</b> 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
<b>Wednesday</b> 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
<b>Thursday</b> 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			