

EPC Operations Committee Meeting Minutes

Time: 2:00 - 3:00 pm

Date: 03/15/16

Location: Virtual

Attendance: Richard Rolke, Vance Ham, , Carl Harry, Mark Whitney, David Dutschmann

Agenda:

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|----|--|---------|
| 1) | Read Anti-trust statement | Richard |
| 2) | Update on main committee business | Richard |
| 3) | Review new temporary committee – Brittle Fracture | Richard |
| 4) | Review status of papers; Operations session & Tutorial Session | All |
| 5) | Set next committee meeting timing | 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 meeting notes and updated EPC schedule
- New member of the Operations committee – Allan Hatami from Honeywell
- Reviewed possible short term committee being setup to study Brittle Fraction issues.

- Reviewed following papers status:
 1. Operations Session(Tuesday 8 – 11):
 - a. Interpretation and Applications of EN-46-1 Requirements to the Design and Operations of Burner Management Systems on Cracking Furnaces (Linde) 25 min Mark (paper appears on track)
 - b. Compressor Wash Oil in a light feed slate Envir(Exxon) 25 min David (paper on track)
 - c. Simulation Based Assessment and Mitigation of Fouling in Quench Water and charged Gas Compressor Sections of Gas Crackers (paper on track)
 - d. Break 15 min
 - e. Design, Operations & Startup of a New Parallel C2 Splitter(Nova) 25 min Carl (paper on track)
 - f. Energy Efficiency Improvement in the Propylene Refrigeration Cycle (C3R)(Braskem) Patty (***paper cancelled!! Need backup plan***)
 - g. WAO Reliability Improvements (Dow) 25 min Richard (paper on track)

2. Tutorial Session(Wed. 2 – 5):
 - a. Cracker Gas Dryers Tutorial (UOP) 60 min Patty
 - b. Break 15 min
 - c. Acetylene Converter – (Ed Mohundro) 60 min Alain (***Paper at risk. Need new presenter and paper updates!!***)
 - d. Acetylene Catalyst experience OleMax207 – 25 min Dow (paper on track)

Possible backup Papers:

1. ???

Follow-up actions:

- Schedule next Operations meeting – Richard
- Follow-up on all papers – Chairs & Sponsors
- Send out submitted papers to entire committee for review & feedback – Session Chairs

Next meeting – to be scheduled. Virtual afternoon

EPC Schedule:

Operations Session - Tuesday morning

Tutorial session – Wed. Afternoon

Session chair/co-chair to communicate to paper authors

April 10th – 13th EPC Conference Houston

2016 Ethylene Producers' Conference Program (v5)

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|---|--|---|--|---|--|
| Monday April 11 Schedule Break – 10:25 to 10:35 | [T4000] 9:30 AM 11:30 AM | Ethylene Plant Process Control Paper Session Chair: <u>Sasha Vragolic</u> Co-Chair: Eddy Fontenot Room: <i>Ballroom BC</i> | EPC Keynote Presentation 1:30 – 2:15 PM | [T4000] 2:30 PM 5:00 PM | Innovations in Managing Capital Cost of Ethylene Based Petrochemical Investments Paper Session/Panel Discussion Chair: Sanjeev Kapur Co-Chair: Greg Yeo Room: <i>Ballroom BC</i> |
| | [T4000] 9:30 AM 11:30 AM | Reliability and Operability of Rotating Equipment in Ethylene Plants Paper Session 1 Chair: Peter Tomofonte Co-Chair: Brian Wadas Room: <i>Ballroom EF</i> | AIChE Keynote Presentation 8:00 AM Schedule Break – 3:25 to 3:40 | [T4000] 2:30 PM 5:00 PM | Ethylene Plant Rotating Equipment Equipment Technology for World Scale Ethylene Plants Paper Session Chair: Peter Tomofonte Co-Chair: Brian Wadas Room: <i>Ballroom EF</i> |
| Tuesday April 12 Schedule Break – 9:25 to 9:40 | [T4000] 8:00 AM 11:00 AM | Ethylene Plant General Operations Session Paper Session Chair: Richard Rolke Co-Chair: Patty Summers Room: <i>Ballroom EF</i> | 11:30 AM – 1:30 PM Networking Luncheon Schedule Break – 3:25 to 3:40 | [T4000] 2:00 PM 5:00 PM | Ethylene Plant Feedstock Contaminants Paper Session Chair: Mark Brayden Co-Chair: Joe Lally Room: <i>Ballroom EF</i> |
| | [T4000] 8:00 AM 11:00 AM | Ethylene Plant Environmental Panel Discussion Chair: <u>Arijit Pakrasi</u> Co-Chair: <u>Richard Beleutz</u> Room: <i>Ballroom BC</i> | | [T4000] 2:00 PM 5:00 PM | Ethylene Plant Maintenance & Reliability Paper Session Chair: Keith Wade Co-Chair: Michael Pelton Room: <i>Ballroom BC</i> |
| Wednesday April 13 Schedule Break – 9:25 to 9:40 | [T4000] 8:00 AM 11:00 AM | Ethylene Unit Safety Session Paper Session Chair: Mark Schmidt Co-Chair: Jake Berret Room: <i>Ballroom BC</i> | Schedule Break – 3:25 to 3:40 | [T4000] 2:00 PM 5:00 PM | General Fundamentals Session Paper Session Chair: Jack Buehler Co-Chair: Bob Krimock Room: <i>Ballroom BC</i> |
| | | | | [T4000] 2:00 PM 5:00 PM | Operations Tutorial Session Paper Session Chair: Claire Cagnolatti Co-Chair: Vance Ham Room: <i>Ballroom EF</i> |
| Thursday April 14 Schedule Break – 9:25 to 9:40 | [T4000] 8:00 AM 11:00 AM | Feed Flexibility – Converting Ethylene Plants from Heavy Feeds to Light Feeds Paper Session Chair: Alain Chepda Co-Chair: Thomas Emmert Room: <i>Ballroom BC</i> | | | |