EPC Safety Subcommittee Agenda

And Minutes of Meeting

Thursday, December 6, 2018 – Doubletree Hotel, Houston, TX – 4:30 PM

Attendees: Micheal Smith, Jeff Nichols, Norman Wilhelm, Sankar Mahalingam, Anne Balinsky

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."

Safety moment-Open Discussion

Update on Safety Session (Anne Balinsky - Chair and Jeff Nichols co-Chair)

Proposed line-up emailed to committee on 11/2/18: Six papers (includes Tutorial)-See attached listing.

- 1. Tutorial: Steve Coleman is having difficulty uploading the abstract. Upload subsequently completed.
- 2. In need of subcommittee volunteers to coordinate with authors.
- 3. Confirm listing and order of papers
- 4. Dates going forward received from Richard Beleutz:
 - December 14, 2018: All papers accepted or rejected.
 January 18, 2019: Technical program live
 March 1, 2019: Draft of paper and slides due for review...accepted February 15th
 March 8, 2019: Final paper and slides due for review and inclusion in pre-conference proceedings...accepted March 1st.
 March 15, 2019: Draft slides due
 March 31 April 4, 2019: 2019 Spring Meeting

Other Business ???

NOx Subcommittee: Update provided by Micheal Smith. Developing charter with ground rules and timelines. Considering a query of questions provided to EPC members, similar to what was done in 2012. Target is first half 2019. Co-lead is needed for subcommittee. Update will be provided to Safety Subcommittee at 1/31/2019 meeting.

Upcoming Meetings

January 31, 2019-next Safety Subcommittee Meeting

| Accepted 2019 Safety Session Papers | | | | | |
|-------------------------------------|--|---|---|--|---|
| Order | Торіс | Author | email | | Phone # |
| 1 | 549963: Quench Oil Isolation to Prevent Incidents | Norman Wilhelm | Norman.Wilhelm@lyondellbasell.com norman.wilhelm@lyb.com | LyondellBasell Houston Engineering Center 202 N Castlegory Rd Houston, TX 77049 | Office: 832-679-8753 Mobile: 281-923-5898 |
| 2 | 549195: Reduced Toughness Fittings and Potential Effect on Low-Temperature Fitness for Service | Kannan Subramanian/Ralph King/Daniel Ayewah | Kannan.Subramanian@stress.com | Stress Engineering Services Inc. 13800 Westfair Dr East Houston, Texas 77041 | Ralph King: 281-955-2900 |
| 3 | 549199: Reduced Toughness Fittings and Potential Effect on Low-Temperature Fitness for Service - Part 2 | Kannan Subramanian/Ralph King/Daniel Ayewah | Daniel.Ayewah@stress.com | Stress Engineering Services Inc. 13800 Westfair Dr East Houston, Texas 77041 | Ralph King: 281-955-2900 |
| 4 | 549505: Current Deficiencies and Proposed Modifications to API 579 Part 3 Brittle Fracture Screening Procedures | Brian Macejko | brmacejko@equityeng.com bmacejko@E2G.com | The Equity Engineering Group, Inc. 20600 Chagrin Blvd, Suite 1200 Shaker Heights, OH 44122 | 216-658-4765 (o) 216-789-4700 (m) |
| 5 | 549797: Protection Against Backflow in Existing Furnaces - Challanges on Implementing a Homemade Changeover Interlock during Normal Operation | Lea Soledar dos Santos | lea.santos@braskem.com | Braskem | Commercial number: 55 51 3457-6287 Mobile: 55 51 996610029 |
| 6 | Tutorial: Ethylene Decomposition | Steve Coleman | stcolemansr@live.com | Retired | 713-417-5152 (cell) |