

## EPC Safety Subcommittee Minutes

Thursday, June 13, 2019 – Doubletree Hotel, Houston, TX – 4:30 PM

- 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 - Freezing water in deadlegs – need to eliminate deadlegs wherever possible, water can find a way to accumulate even in a “dry” system. Identify vulnerabilities.... make sure tracing is robust and maintained to address hazard. Reference CSB Video “Fire from Ice”
- Membership – Chaka Elam has a new position in Ineos and will drop off committee. **We therefore need a new co-chair for the 2020 Safety session.** No volunteers in today’s meeting. Will table for next meeting.
- Review of 2018 EPC Session – Slido comments were reviewed 96% of scorers rated as “4” or “5”. No scores of “1” or “2” – good feedback on decomp and brittle fracture content some comments preferring more diverse content, lessons learned.
- Wishlist for future sessions (Bold indicates interest from committee after discussion)
  - Rotating equipment, Static, furnaces, controls
  - **Hot tap safety**
  - Continue with good papers on brittle fracture, decomp
  - Process safety topics from the real world, another tutorial on process safety (acetylene precipitation maybe), process safety practices
  - **NORM tutorial**
- NOx Subcommittee/Paper – Micheal Smith (Exxon) gave an update
  - Charter previously approved
  - We have a quorum agreeing to participate in meeting
  - Siva (Shell) has volunteered to co-lead the subcommittee meeting
  - Planning a meeting at Spring or Baytown Campus in August or Sept. 4 or 5 new questions to be added to questionnaire. Will likely ask 4 companies to fill it out. Generally 1 per company should attend meeting but can be flexible.

- Update on Safety Session

Jeff Melching –2020 Committee Chair and Norman Wilhelm co-Chair

Jeff Nichols is the 2020 Session Chair. **Need co-chair as discussed above.**

Ideas for 2020 papers/Brainstorming

- Sulfur Reducing Bacteria/MIC/Selection of water for hydrotesting (Need Presenter)
- Commissioning in general (was previously discussed as joint paper or tutorial with Operations subcommittee (Need Presenter)
- Valve Issues (Need presenter)
- NORM (Naturally Occurring Radioactive Material (was covered in 1996. David gent will look for potential presenter – 3<sup>rd</sup> parties, surveyors, Industrial Hygiene
- Pyrophoric polymers – trays vs packing- chemical cleaning with permanganate (Need presenter)
- Brittle Fracture – has anything changed since last years session? Can we approach McDermott – they have collection of papers on Lummus Design. Check with Aivars Krumins from main committee.....Possibly can get Summary of Standard revisions Expected from Ralph King – Norm to check with Ralph. David Gent can check in NOVA
- Hot tap safety – Idea from 2018 comments (Need presenter)
- Paper on Underground Cooling Water failure – being presented at EEPCC
- Michael to look at APFM conference agenda in Fall for possible papers
- Mine PS Congress for papers
- Carryover from 2018 - Braskem paper ‘Protection against backflow in Existing Furnaces.’ Was withdrawn due to author health issue

- Upcoming meetings and key dates
- Remaining subcommittee meetings **October 10, December 5, January 30**
- Abstracts close November 27, 2019
- EPC March 29-Apr 2, 2020 Houston, TX