

EPC Safety Subcommittee Meeting

June 14, 2018 Notes

- Welcomed the group and read 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 – Anne warned about snakes in your yard at dusk/dawn due to recent experience
- Review 2018 conference sessions
 - Reviewed feedback sheet provided by M Smith (copy attached)
 - Overall agreement that the safety session was a strong session and was well-received
 - Noted that the industry desires further “real world” safety examples and presentations
 - For next year, group commented that continuing the topic on brittle fracture and materials susceptibility is desired
 - Potential specific papers and info captured below
- Discuss topic possibilities for 2019 safety session
 - Reviewed 2019 idea sheet provided by M smith (copy attached)
 - Committee ideas for 2019
 - Consider Quench Oil isolation Safety paper provided last year that did not make cut (abstract attached) – need to confirm the safety angle
 - Consider cold box leak paper provided last year that did not make cut (abstract attached) – this feels more like an operations paper – need to check if they picked this one up for 2018 conference
 - Jeff Melching – indicated he had a potential paper from Dow on furnace steam drum levels – lessons learned – could be an operations potential, need to check on safety angle

- Jeff Melching – Follow-up with Bonnie Shawver at Dow on desire to present paper on failure of cracked gas drier valves due to inadequate overhaul of valves
- Ralph King provided feedback he was willing to provide a paper on margin to brittle fracture and how to approach/practically deal with current metallurgy issue
- Jeff Melching – Paper on piping acoustic damage during commissioning – possible for joint session mentioned below
- Specific areas of interest for 2019 conference per discussion-
 - 1 – NOx paper from subcommittee work
 - 2 – Continued focus on brittle fracture/cold safety – Ralph King or other expert to bring update on metallurgy issue
 - 3 – Idea to form a joint session with Operations/Safety on plant commissioning – high interest from the committee - talked with Richard Rolke of Operations and he was initially interested – need to firm up soon
 - 4 – Have a process safety tutorial – ideas ranged from a single paper in a session that would kick off several years in a row of having a specific process safety tutorial topic to having a separate session on process safety tutorials – need to look at the history of when we last did a process safety tutorial as a follow-up and decide – acetylene build-up in towers was a specific mention during the meeting as a “need”

- NOx subcommittee proposal
 - Reviewed proposal provided by M Smith (attached)
 - Full support for moving forward – took no exception and interested in a paper from the subcommittee meeting for 2019 conference

- Upcoming meetings and key dates – confirmed the dates below are the main EPC meeting dates
 - August 9, 2018
 - October 11, 2018
 - December 6, 2018
 - January 31, 2019
 - Conference: March 31 to April 4, 2019

- Other business
 - Norman Wilhelm had expressed interest in joining committee representing LBI – he was not present at the meeting last night – follow-up to check on interest and attendance – norman.wilhelm@lyondellbasell.com (832-679-8753)
 - Attendance of subcommittee meeting attached (scanned)
 - If we are openly looking for new safety subcommittee member, let Sanjeev know via e-mail as they have a few extra interested Technology subcommittee nominees that they are willing to recommend to another committee as they are getting full
 - Please provide names of safety session chair/co-chair to Rick B so he can put into confex for this year (I am not sure who that is for 2018-2019)
 - Call for papers for 2019 conference will be open at end of June

- Close