

EPC Safety Subcommittee Minutes

Thursday, October 28, 2021 4:00 PM held via MS TEAMS Virtual Meeting

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

Wind Safety – Driving and trees

Planning/topic buckets for 2022 conference

Review below table for updates on potential paper topics

General Top	Description	Comments	Responsible Person	Likelihood of Paper for Sessid
		Piping and temporary setup focus, reminder to send in participation for 50%. So far 10/20 confirmed. Target mid November meeting. Abstract submitted. Training with sub-committee for more data.	SeIma Kwok, Siva Nayarajan	High
Cold	Low Temperature Embrittlement Sub-Committee		Exxon	Low
Cold	Mercury in Cold Boxes	Limited interest	?	Low
Cold	Acetylene precipitation in Cold Box	Limited interest	?	Low
Cold	Safety issues from winter freeze - Loss of Nitrogen, winterization	Next year more possible	LBI, Shell, CPChem	No paper
Hot	Burner Management - Furnace Safety	Backburner	?	Low
Hot	Furnace Flooding with examples	Abstract submitted	Exxon	High
Hot	Detonations at Ground Flare	Backburner	NOVA, Sasol, ?	Low
Hot	PQE Inlet Cone Failure	Still working - May not back 2022 session	NOVA	Low
Hot	Lessons Learned from Furnace Switching	Abstract not received	SABIC	Low
Hot	Combustion safety tutorial - BMS, Flares, Furnace Flooding	CPC tutorial and reaching out to John Zink to try and engage	CPChem	Medium
Misc	Exothermic Runaway in Reactor Feed Heater	LBI to follow-up, LBI to follow up	Sasol, LBI	Low
Misc	Light Ends Fouling	?	Sasol	Low
Misc	Deadlegs	Interest from team, tie with winterization?	?	Low
Misc	Low cycle fatigue failure	Abstract submitted	Exxon	High
Misc	Hot Tap Safety	?	?	Low
Misc	Valve education/issues (failure of valve packing during repump)	Running down potential source	Dow	Medium
Misc	Pyrophoric polymers - trays vs. packing - chemical cleaning	?	?	Low
Misc	Controllers in Manual	PSM implications?	Eastman	Medium
Misc	A)Core process specific safety B) Training/retention of knowledge (people aspect) cold safety as an example with panel	Cold Safety	LBI (CPChem, Dow, Eastman)	Medium
	EEPC papers?			

Only about 3 papers look to have a pretty good chance for materializing. Further work needed quickly to generate more abstracts

Action - Subcommittee members to work with their organizations to “mine” for abstracts for topics centered on process safety, if possible, on one of the topic above; however, any good topics will definitely be considered.

Action – Hold additional meeting in November to generate new topics and follow through on mining of abstracts

Key Dates

Committee /Subcommittee meetings –

~~12-Aug~~

~~14-Oct~~

~~28-Oct~~

18-Nov

9-Dec

10-Feb

Date of Conference

April 10-14 San Antonio