

EPC Safety Subcommittee Minutes

Thursday, October 14, 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

Hand Safety and line of fire

Planning/topic buckets for 2022 conference

Review below table for updates on potential paper topics

General Topic	Description	Comments	Responsible Person	Likelihood of Paper for Session
Cold	Low Temperature Embrittlement sub Committee	Piping and temporary setups focus	Salma Kwok, Siva Naysirajan	High
Cold	Mercury in Cold Boxes	Limited interest	Exxon	Low
Cold	Acetylene precipitation in Cold Box	Limited interest	?	Low
Cold	Nox Subcommittee	2023	2023	N/A
Cold	Safety issues from winter freeze - Loss of Nitrogen, winterization	Mining in progress	LBi, Shell, CPChem	Medium
Hot	Burner Management - Furnace Safety	Backburner	?	Low
Hot	Furnace flooding with examples	Developing	Exxon	Medium
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 received?	SABIC	Low
Hot	Combustion safety tutorial - BMS, Flares, furnace flooding	Could reach out to the ethylene EPCs for interest	CPC	Medium
Misc	Salt Dome Storage Regen System - Change of Heating Medium	Different category	Eastman	N/A
Misc	Exothermic Runaway in Reactor Feed Heater	LBi to follow up	Sasol, LBi	Low
Misc	TPC Port Niche Incident - CSB	Investigation conclude summer 2021? No update	Jake Barret	Low
Misc	Reactions in Drivets during Regeneration	?	Shell, Dow, NOVA?	Low
Misc	Light Ends Fouling	?	Sasol	Low
Misc	Deadlegs	interest from team, tie with winterization?	?	Low
Misc	Low cycle fatigue failure	Could develop	Exxon	Medium
Misc	Hot Tap Safety	?	?	Low
Misc	Valve education/issues	?	?	Low
Misc	Pyrophoric polymers - trays vs packing - chemical cleaning	?	?	Low
Misc	Controllers in Manual	PSM implications?	Daryl	Low

Only about 5 papers look to have a pretty good chance for materializing and we would like to target 8-9 to be able to field 6 papers at the time of the conference

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 October to generate new topics and follow through on mining of abstracts

Key Dates

Committee /Subcommittee meetings –

12 Aug

14 Oct

28-Oct

9-Dec

10-Feb

Date of Conference

April 10-14 San Antonio