

# SAFETY SUBCOMMITTEE OF THE ETHYLENE PRODUCERS COMMITTEE

August 14, 2014 Meeting Minutes

## Agenda Items Discussed

#	Description
1.	<p>Antitrust Statement – Rob Nussbaum. The antitrust statement shown below was read at the start of the meeting.</p> <p style="padding-left: 40px;">“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.”</p>
2.	<p>Welcoming of New Members – the group welcomed Mark Schmidt of DuPont and Gwen Kelley of Shell. David Mullinex of Sasol advised that he is retiring from the Ethylene Producers’ Committee and Safety Subcommittee because of a recent job change; Trobie Thompson will be replacing him. Later during the Ethylene Producers’ Committee meeting, Mark Schmidt advised that he is a new member of that committee, he has been asked to serve on the Environmental Committee, and he will thus not be continuing on the Safety Subcommittee.</p>
3.	<p>Discussion about Possible Presentations for 2015 Safety Session – Attachment 3 has been updated to reflect discussion during the meeting. At this point, two presentations can be considered as likely and three can be considered as possible. Three others were determined to not be valid possibilities as noted in Attachment 3.</p>
4.	<p>Session Chair and Co-chair Election/Selection</p> <p>From June Meeting:</p> <p><i>Chair:</i> No one present volunteered for the position of chair, so it was decided to defer the selection for the next EPC meeting on August 14th, when the topics will may be decided and the need for one or more sessions is determined.</p> <p><i>Co-Chair:</i> Two members, Rob Fox and Sankar Mahalingam, volunteered to serve as Co-Chair(s).</p> <p>8/14/14: Rob Fox confirmed willingness to serve as a session co-chair. Sankar Mahalingam was not present to confirm his willingness. Johnathan Sterne indicated that he is willing to serve as the session chair. The formal line-up at this point will be considered as :</p>

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	<ul style="list-style-type: none"><li>➤ Session Chair – Johnathan Sterne</li><li>➤ Session Co-chairs – Rob Fox and Sankar Mahalingam</li></ul>
5.	Review of Action Register – see Attachment 2.
6.	Remaining 2014-2015 Meeting Dates <ul style="list-style-type: none"><li>• <del>August 14, 2014</del></li><li>• September 25, 2014</li><li>• November 13, 2014</li><li>• January 15, 2015</li><li>• March 5, 2015 (if necessary)</li></ul>

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## Attachment 1 - Member Contact Info & Meeting Attendance Record

Member	e-mail address	Work Phone Cell Phone	6-Jun-14	14-Aug-13					
Balinsky, Anne (Chevron Phillips)			✓	✓					
Berret, Jake (Williams)			X	X					
Darbonne, Toby (Westlake)			?	X					
Fox, Rob (LyondellBassell) Session Co-chair			?	✓					
Gent, David (Nova)			✓	✓					
Kelley, Gwen (Shell)			n/a	✓					
Mahalingam, Sankar (Technip) Session Co-chair			✓	X					
Melching, Jeff (Dow)			X	✓					
Mullenix, David (Sasol) → Trobie Thompson			X	✓					
Nussbaum, Rob (Eastman) Subcommittee Chair			X	✓					
Schmidt, Mark (DuPont)			n/a	✓					
Simon, Bob (Huntsman)			X	X					
Smith, David (BASF)			n/a	X					
Smith, Michael (ExxonMobil)			n/a	X					
Sterne, Jonathan (Ineos) Subcommittee Co-Chair and Session Chair			✓	✓					
Zych, Larry (BASF)			?	X					

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<b>Attachment 2 - Action Register</b>			
Date Added	Action Item	Steward	Status
6/12/14	Guidelines and requirements for “extended abstract” submittal Guidelines and Requirements for “extended abstract” submittal will be provided at the next meeting.	Anne Balinsky	8/14/14: Pending-provide at next meeting.
6/12/14	Sankar Mahalingam will follow up with Kannan Subramanian of Stress Engineering Services regarding specific brittle fracture topic and ability to deliver a formal paper.	Sankar Mahalingam	8/14/14: Complete, abstract has been submitted to the subcommittee.
6/12/14	David to follow up with Andre Bernard (Nova) on possibility of doing a paper on a process focused embrittlement scenario analysis.	David Gent	8/14/14: Complete, draft abstract submitted to the subcommittee.
6/12/14	Solicit topics/papers from respective companies on ethylene safety topics.	All	8/14/14: In progress, papers still needed.
8/14/14	Contact Shrutika Agrawal of Reliance Industries, <a href="mailto:shrutika.agrawal@ril.com">shrutika.agrawal@ril.com</a> , about presentation, “Brittle Fracture of Ethylene Vaporizers.”	Rob Fox	
8/14/14	Follow up with colleagues at LyondellBassell (and Legal Department) about the possibility of a presentation, “Incident Analysis of a Steam Line Failure at LyondellBasell European Cracker”	Rob Fox	

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8/14/14	Follow up with Astor Harris of Phoenix Park Gas Processors Ltd. about the possibility of a presentation, "Corrosion Under Insulation (CUI) Test Methods for Complicated Pipe Branches"	Johnathan Sterne	
8/14/14	Follow up with colleagues at Ineos (and Legal Department) about the possibility of a presentation, "Lessons Learned through Commissioning New Ethane Cracking Facilities at Ineos."	Johnathan Sterne	

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## Attachment 3 – Possible Safety Presentations for 2015 Ethylene Producers’ Conference

**Session Chair – Johnathan Sterne (Eneos)**

**Session Co-Chair – Rob Fox (LyondellBasell) and Sankar Mahalingam (Technip)**

	Paper Topic	Presenter and Subcommittee Contact Person	Comments
	Evaluating The Potential For Cold Brittle Fracture in Ethylene Plants through Dynamic Simulation	Presenter - André Bernard, Process Design Engineer, NOVA <a href="mailto:Andre.Bernard@novachem.com">Andre.Bernard@novachem.com</a> Contact – David Gent David.Gent@novachem.com	Draft abstract in hand. 8/14/14: David reiterated that Andre can provide this presentation.
	Mechanical Aspects of Brittle Fracture	Presenter - Kannan Subramanian, Stress Engineering Services Contact - Sankar Mahalingam <a href="mailto:smahalingam@technip.com">smahalingam@technip.com</a>	8/13/14, Sankar: Rob, I am currently on an overseas business trip and will not be attending the meeting on Aug 14. I am following up with Kannan Subramanian, Stress Engineering and he confirmed that he is interested in presenting a paper on brittle failure and provide his proposal this week. 8/14/14: Abstract received. David Mullinex indicated this is the same company that Ralph King is with so there may be some risk of repeat, but probably still a workable presentation.
	Brittle Fracture of Ethylene Vaporizers	Presenter – Shrutika Agrawal, Reliance Industries, <a href="mailto:shrutika.agrawal@ril.com">shrutika.agrawal@ril.com</a> Contact – Rob Fox	8/14/14: e-mail address in hand, Rob Fox to contact Shrutika.
	Incident Analysis of a Steam Line Failure at LyondellBasell European Cracker	Presenter – Contact – Rob Fox <a href="mailto:Rob.Fox@lyondellbasell.com">Rob.Fox@lyondellbasell.com</a>	8/14/14: Rob Fox to follow up on this possibility.
	Corrosion Under Insulation (CUI) Test Methods for Complicated Pipe Branches	Presenter – Astor Harris, Phoenix Park Gas Processors Ltd., <b>email?</b> Contact – Johnathan Sterne	8/14/14: Johnathan to follow up, he believes he has e-mail.

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	Corrosion Under Insulation (CUI)	Presenter – Mike Milanowski, SASOL, <span style="background-color: yellow;">email?</span> Contact – David Mullinex - <a href="mailto:david.mullenix@us.sasol.com">david.mullenix@us.sasol.com</a>	8/14/14: David indicated that this entry represented a desire to hear a presentation, not give a presentation.
	Cold Box Failure Mechanism and Prediction	Presenter – Mike Milanowski, SASOL, <span style="background-color: yellow;">email?</span> Contact – David Mullinex - <a href="mailto:david.mullenix@us.sasol.com">david.mullenix@us.sasol.com</a>	8/14/14: David indicated that this entry represented a desire to hear a presentation, not give a presentation.
	Review of Williams Incident with Focus on Learnings for the Industry	Presenter – Contact – Jake Berrett, <a href="mailto:jake.berret@williams.com">jake.berret@williams.com</a>	Probably not going to be allowable; CSB must finish their investigation first and issue the corresponding report.
	Lessons Learned through Commissioning New Ethane Cracking Facilities at Ineos	Contact – Johnathon Sterne	

	Denotes paper is a “go.”
	Denotes paper is a “maybe.”
	Denotes paper is a “no go.”