



# Meeting Minutes

Meeting Held: November 14, 2019

**Subject:** EPC Rotating Equipment Subcommittee Meeting (2019/20 Season)





Attendees:

Shane Harvey - Elliott	Bryan Barrington – LyondellBasell	
Clayton Jurica - MHI	Ben Lim - Motiva	
Smitha Vadrevu - MDR		
Rushi Gandhi - Linde		

Item No.	Report	Action Required By	Date
1	Safety Moment		
2	EPC heads per the following:  Chair – Shane Harvey (sharvey@elliott-turbo.com) Co-Chair – Clayton Jurica ( <a href="mailto:clayton_jurica@mhicompressor.com">clayton_jurica@mhicompressor.com</a> ) Secretary – Smitha Vadrevu – McDermott ( <a href="mailto:smitha.vadrevu@mcdermott.com">smitha.vadrevu@mcdermott.com</a> )		
3	<b>2020 Spring Meeting and 16th Global Congress on Process Safety Houston, TX – Hilton Americas (Downtown)</b>  <ul style="list-style-type: none"> <li>- <b>Call for Abstracts Opens – Open</b></li> <li>- <b>Call for Abstracts Closes – 22 November, 2020</b></li> <li>- <b>Accept / Reject Abstracts – 13 December, 2020</b></li> <li>- <b>Schedule Ready – 8 January, 2020</b></li> <li>- <b>Program Goes Live – 17 January, 2020</b></li> <li>- <b>Draft of paper due for review – Early February 2020</b></li> <li>- <b>Final paper due for review and inclusion in pre-conference proceedings – End of February 2020</b></li> <li>- <b>Draft slides are due – Mid March 2020</b></li> <li>- <b>Conference in Houston – March 29-April 2<sup>nd</sup>, 2020</b></li> </ul>		
4	<ul style="list-style-type: none"> <li>- <b>Spring 2019 EPC Review of Feedback &amp; Ideas of 2020 Topics</b> <ul style="list-style-type: none"> <li>o 2019 EPC - Session Survey Results and Session Questions</li> </ul> </li> </ul>  2019 EPC - Session Survey Results and S		
5	<b>Potential Topics for Abstracts:</b> <ul style="list-style-type: none"> <li>• MHI to submit abstract on preplanning and execution of turnarounds.</li> <li>• MHI to submit abstract on Steam Turbine Technologies</li> <li>• Torquemeter for Functional Safety Process Control of Steam Turbine driven Compressor by Craig Holmes – Abstract received</li> </ul>  Torquemeters <ul style="list-style-type: none"> <li>• Rushi Gandhi @ Linde to check on potential papers.</li> <li>• CFD for Turbomachinery - What to expect—and what not to expect by James R. Hardin, Elliott Group. Abstract received</li> </ul>		

## Meeting Notes

Meeting Date: November 1, 2019

Item No.	Report	Action Required By	Date
	<div style="text-align: center;">             CFD Rotodynamics         </div> <ul style="list-style-type: none"> <li>CGC Fouling Control for Six year Run Length Achievement in C2-C3 Feed Gas Cracker by Mohd Zaki Zakaria, PETRONAS Chemical Olefins and Dorf Ketel. Abstract received.</li> </ul> <div style="text-align: center;">             Abstract EPC 2020            Petronas and Dorf K         </div> <ul style="list-style-type: none"> <li>Low Temperature Considerations for Centrifugal Compressor Casings in Ethylene Service – Abstract Received.</li> </ul> <div style="text-align: center;">             Abstract on Low            Temperature and N<sub>2</sub> </div> <ul style="list-style-type: none"> <li>Kevin Kisor to follow up on ECT – they agreed to participate, abstract to be submitted</li> <li>Turnaround duration – Bryan Barrington (Laser tracking, Origin Metrology Group) Abstract will be updated by 22 November 2019</li> <li>Rotodynamics – How do you use software (Kelm Engineering)? – Abstract will be submitted</li> <li>The Utilization of Laser Etched Active Seal Face Surface Features to Maximize Reliability in Ethylene Applications by Brian Kalfrin, JohnCrane – Abstract Submitted</li> </ul> <div style="text-align: center;">             JohnCrane         </div>		
6	Future Meeting Dates - EPC Subcommittee Meeting  - December 5 – WebEx (Review of Abstracts)		
7	<p style="text-align: center;"><b><u>Ethylene Producers Committee</u></b>  <b>Anti-Trust Agreement</b></p> <p>No activity of the Committee shall involve the exchange, collection or dissemination among competitors of information, or be used 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>		