

# Meeting Minutes

September 25, 2013

**Project:** EPC Rotating Equipment Subcommittee Meeting (MHI Compressor Intl offices)

Greg Berry	KBR	Sergio Mauras	Elliott Group
Alex Tetlow	MHI	Mike Tallman	KBR
Kevin Kisor	MAN	Mike Sicker	Mitsubishi (Chairman)
Brian Wadas	GE Oil & Gas	Bill Swinton	Dresser Rand
Paul Bzdak	Dresser Rand		

Item No.	Report	Action Required	
		By	Date
1	Mike read the Anti-Trust Agreement. Kevin gave the safety moment		
2	Sub-committee attendance continues to be an issue. Items to be addressed: 1) Reach out to end-users not currently represented in this sub-committee 2) Encourage all sub-committee members to appoint an alternate when not available 3) Identify non-participating members for removal from the sub-committee		
3	The suggestion was made to make pitch at the EPC Conference for end users to join the subcommittee. We also plan on adding a note on the evaluation sheet soliciting participation in the various subcommittees.		
4	AICHE is planning a morning Keynote again this year. If so, the morning session will be shortened.		
5	<p><b><u>Planned Presentations</u></b></p> <p><b><u>AM Session - Reliability/Operability of Rotating Equipment</u></b> (subcomponents and hardware affecting performance and reliability)</p> <p>1) Turbine Oil Varnish Issues (Mobil Lubricants/M.Sicker) <b>Reviewed</b> 2) Vibration Monitoring (KBR/K. Kisor) – <b>Pending/Committed</b> 3) Check Valves (G. Berry) - <b>Reviewed</b> 4) Trip &amp; Throttle Valves – Dresser Rand (B. Swinton) <b>Reviewed</b></p> <p><b><u>PM Session - Compressor/driver technology</u></b> (technological advancements in world scale Ethylene plants)</p> <p>1) Compressor Controls – Surge &amp; Stonewall Considerations (A. Tetlow/K.Kisor - monitor) <b>Reviewed</b> 2) Testing requirements for large rotating equipment (<b>OPEN</b>) (importance of string testing ?) 3) High pressure/high temp Steam Turbine applications (MHI or GE O&amp;G) (<b>MHI abstract reviewed / GE O&amp;G pending</b>) 4) Dynamic Simulation of compression systems (KBR) <b>Reviewed</b> 5) Design audit criteria for rotating equipment (MSicker) <b>Reviewed/Pending</b> 6) T/A considerations and Lessons Learned (<b>Elliott - pending</b>) 7) Challenges of Multiple Feed Stocks on large Compressors (<b>Open -EPC/End User</b>) 8) Round Table Discussion ? (<b>Pending - End Users / Kevin Kisor</b>) (include End Users from La. Area) 9) API Status report (<b>Kevin Kisor/Greg Berry</b>)</p>		

6	<u>Additional topic ideas</u> Strainers (K. Akhtar) Lube Oil Consoles Compressor wash oil Steam Turbine wash systems Expanders Mag Bearings Hot Gas Bypass Valves/Anti Surge Valves Surface Condensers Base Plates vs. Sole Plates/Grouting Issues (A. Tetlow)		
7	<u>Estimated Schedule for Papers/Presentations</u>  Oct 25            - Abstract Due Oct 28            - Abstracts uploaded to Confex End Dec         - First draft of paper End Jan         - Final Paper End Feb         - Presentation draft End Mar         - Presentation Final		
7	The 26 <sup>th</sup> Ethylene Producers Conference and 2014 AIChE Spring Meeting will be held from March 30 – April 3, 2014 at the Hilton hotel in New Orleans. The EPC conference itself will be held on Monday, March 31 <sup>st</sup> .		
8	Brian Wadas has accepted the position of secretary for the 2013-2014 conference cycle.		
9	<b>NEXT MEETING:</b>		
10	<b><u>The next Rotating Equipment Subcommittee is planned for Friday, October 25<sup>th</sup>. Brian Wadas, GE Oil &amp; Gas has offered to host. An EPC golf outing will be scheduled after the meeting (further details to be provided).</u></b>		

### Ethylene Producers Committee

#### **Anti-Trust Agreement**

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.