

Meeting Minutes

January 17, 2014

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

Ross Hegefelf	CP Chem	Peter Temofonte	Elliott Group
Kevin Kisor	MAN Diesel & Turbo	Kazim Akhtar	CB&I
John Arnold	Dresser Rand	Mike Sicker	Mitsubishi (Chairman)
Daniel Bilnoski	GE Oil & Gas	Terryl Matthews	Shell
Rob Fisher	ExxonMobil	Mike tallman	KBR (Director)

Item No.	Report	Action Required	
		By	Date
1	Kevin read the Anti-Trust Agreement and gave the safety moment.		
2	Sub-committee attendance has improved but continues to be an issue. The subcommittee chairs will send a email to the main EPC committee soliciting each end-user and EPC for their support on the rotating equipment subcommittee. Also, letters will be sent to non-participating members advising them that they will be removed from the sub-committee at the beginning of the next conference cycle.		
3	Mike Tallman will request the EPC to add a note at the bottom of the session evaluation forms soliciting interest in participation on the various subcommittees.		
4	AIChE is planning a morning Keynote again this year. Therefore the morning session will be shortened.		
5	Important Dates for Papers/Presenations Feb 20 - Final draft of papers due (for review by subcommittee) Feb 20 - 1 st draft of presentations due Mar 20 - Deadline for uploading papers to AIChE		
6	KBR has advised that their paper on Dynamic Simulation has been withdrawn. Mike Tallman will confirm with the main EPC committee if there is still time to change the presentation line up below.		
7	<i>Morning Session - Reliability and Operability of Rotating Equipment in Ethylene Plants 9:30 AM-11:30 AM / Chart Room (Hilton New Orleans Riverside)</i> 9:30 AM - Welcoming Remarks <u>9:35 AM - 9:55 AM</u> From Diagnostics to Predictive Analytics – an Evolution in Total Asset Management - David Adams, GE Intelligent Platforms and Arun Menon, GE Oil & Gas <u>9:55 – 10:20 AM</u> The Effect of Trip Throttle Valve Pressure Loss on Steam Turbine Performance - Alan Vitalis, Dresser-Rand <i>Break 10:20 AM – 10:40 AM</i> <u>10:40 – 11:00 AM</u> New Approaches for Turn Around Planning in Petrochemical Plants, Sam Blaser, AST Turbo <u>11:00 – 11:20 AM</u> Turbine Oil Varnish Development in Rotating Equipment - James Hannon, ExxonMobil Research & Engineering Company <u>11:20 – 11:30</u> API Revisions Update - Kazim Akhtar, CB&I-Lummus, Houston, TX		

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	<p><i>Afternoon Session - Equipment Technology for World Scale Ethylene Plants</i> <i>2:00 PM-5:00 PM / Quarterdeck (Hilton New Orleans Riverside)</i></p> <p>2:00 PM - Remarks</p> <p><u>2:05 – 2:30 PM</u> The Impact of Elevated SHP Energy Levels on Ethylene Plant SEC and Critical Duty Steam Turbines - Satoshi Hata, MHI Japan and Daniel Jones, Technip Stone & Webster</p> <p><u>2:30 – 2:55M</u> Turbo Expanders – High Enthalpy Wheel Design - Gabriele Mariotti, GE Oil & Gas</p> <p><u>2:55 – 3:20PM</u> Recent Trends and Applications of Dynamic Simulation in Ethylene - Greg Berry, Jack Kramer and Jeffrey Feng, KBR - WITHDRAWN</p> <p><u>BREAK (3:20 – 3:40 PM)</u></p> <p><u>3:40 – 4:05 PM</u> Design and Implementation of a Reliable and Cost-Effective Surge and Choke Control System on Centrifugal Compressors - Sterling Smutz and Krishnan Narayanan, Energy Control Technologies, Inc.</p> <p>4:05 – 4:55 PM – Round Table Discussion</p> <p>4:55 PM - Concluding Remarks</p>		
8	The 26 th 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 st .		
8	Peter Temofonte has replaced Dennis Shepherd as Vice Chair for the 2013-2014 conference Cycle. Brian Wadas holds the position of secretary.		
9	NEXT MEETING:		
10	<u>The next Rotating Equipment Subcommittee is planned for Friday, February 21st.</u> MHI Compressor will host. We may plan another golf outing after the meeting depending in interest.		

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.