

The Gulf Coast TAPPI *Stock Exchange*



The Gulf Coast TAPPI Fall 2012 Meeting
SpringHill Suites by Marriott – Birmingham/Colonnade
KBR Offices, 2000 International Park Dr, 35243

NEW BOILER MACT RULE CONSIDERATIONS

WEDNESDAY, September 26, 2012
(SpringHill Suites by Marriott)

6:00 PM – 8:00 PM – GCT Executive Committee Meeting (ask hotel desk for meeting room location)
ALL ARE WELCOME and encouraged to attend & participate, as the GCT Leadership Committee discusses planning for future meetings & general Section business

NEW BOILER MACT RULE CONSIDERATIONS TECHNICAL SESSIONS

THURSDAY, September 27, 2012
KBR Engineering Offices – Birmingham, AL
8:30 AM – 5:00 PM

8:00 AM – 12:00 PM Check in and Registration

(note: we request allowing KBR employees to arrive at their place of work without congestion from our meeting registration and therefore ask that you not arrive before 8:00am)

8:30 – 10:15 AM TECHNICAL SESSION I

“Impact of Boiler MACT on the Pulp and Paper Industry”

AMY MARSHALL – URS CORP, MORRISVILLE, NC

The pulp and paper industry is one of the sectors that will be impacted the most by the Boiler MACT regulation. URS has worked with AF&PA and CIBO to examine EPA’s Boiler MACT database and estimate the impacts of the rule on the pulp and paper industry. This presentation will provide information about the types of units that are affected within the industry, the current controls in place and number of units that already can comply, and the projected cost to industry to comply, based on the types of control technologies expected to be required.

“Meeting Mercury Air Toxics Standards (MATS) emission levels with Circulating Dry Scrubber (CDS) Technology”

BRAD MOULTON – FOSTER-WHEELER

Description.....to follow soon.

“WESP An add-on Control Technology for Industrial Boiler MACT Compliance”

HARDIK SHAH – SOUTHERN ENVIRONMENTAL, PENSACOLA, FL

The new industrial boiler MACT will require additional particulate control which may not be accomplished by existing wet scrubbers. The particulate which is not captured in existing wet scrubbers is typically sub-micron in size. Wet Electrostatic Precipitator (WESP) is a proven control technology for sub-micron particulate removal. This presentation will outline the effective and economically prudent use of WESPs as a polishing control solution for industrial boilers currently equipped with wet scrubbers.....

10:15 – 10:30 AM BREAK**10:30 – 12:00 AM TECHNICAL SESSION II****“The Boiler MACT Rule – A Panel Discussion”**

BILL NICHOLS, DOUG MATHIAS, RICHARD SEAY – KBR, BIRMINGHAM, AL

- 1. The history and development of the MACT rules – what drove MACT and what is the objective.*
- 2. Where are you today?...the current state of boilers, types of boilers, QC and types of boiler fuels, “time, temperature & turbulence”, air flow measurement, staged combustion, CO versus NOx, SNCR, dust collectors, scrubbers and electrostatic precipitators...the starting point for MACT.*
- 3. Where will you need to be in the future?...DSI ahead of the precipitator, baghouse, WESP, as well as Technical Issues: space to locate, power, upgrade of fans, ductwork, additional costs for controls, operations and maintenance, preference for dry versus wet controls, landfill space, and water and wastewater handling...paths that may be taken to address MACT.*

12:00 – 1:00 PM LUNCH (Robert E. Sewell, P.E., Director of Technology, KBR Engineering Co.)**1:00 – 3:00 PM TECHNICAL SESSION III****“Wet ESP Operating Experience and Performance on Pulp and Paper Power Boilers”**

STEVEN JAASUND – GEOENERGY, A DIV OF A.H.LUNDBERG ASSOC

Several Pulp and Paper mills installed wet ESP units in the period of 2004 through 2007 in order to meet EPA MACT requirements in place at that time. This experience is of value to the industry in evaluating wet ESPs as a solution for the anticipated new MACT emission standards. This paper will describe operating experience and emission control performance at several of these existing installations.

“Boiler MACT Update and Emission Testing Considerations: We Know What We Know, We Know What We Don’t Know, and We Don’t Know What We Don’t Know”

JON HOWARD – WESTON SOLUTIONS

We’ve tracked the Boiler MACT for almost a decade and we, and like the industrial sources it regulates, feel like we are on shifting sand when we attempt to provide a regulatory update or chart a path forward. We’ll use this session to frame the historical developments of Boiler MACT and share what we know, based on relative experience and current regulatory information. The emphasis of our presentation will be on emission limits and measurement methods.

“The Progression and Changes of the ICI Boiler MACT Regulation”

MARK MILLER – CLYDE BERGEMANN

History and current state of the ICI Boiler MACT regulation and intertwining with CISWI MACT and NHSM rule. The main focus will be on reviewing the “Reproposed Rule”, and changes between this and the March 21, 2011 Final Rule. Plus, discuss insight into potential changes of the rule currently awaiting OMB approval.

3:15 – 5:00 PM TECHNICAL SESSION IV**“Use Site and Boiler Specific Qualities to Optimize MACT Performance and Value”**

BENTLEY SHERLOCK JR – BABCOCK & WILCOX, ATLANTA, GA

Each site and boiler has specific qualities such as available fuels, design features and steam demands that offer unique opportunities to optimize the value of a MACT compliance project. Our presentation will discuss how these qualities should be considered, often leading to the design and integration of fuel and combustion upgrades with emissions control technologies to give better results.

“Recent Advances in Acoustic Pyrometry Provide Improved Temperature Measurement for Combustion and Emission Control”

DAVE SUPLICKI – ENERTECHNIX, MAPLE VALLEY, WA

The presentation provides an overview of advances in acoustic pyrometers that enable accurate, reliable gas temperature measurements for use in combustion and emission control systems. The presentation reviews traditional measurement techniques, and focuses on practical experiences and applications that have utilized acoustic pyrometers data for the evaluation of boiler performance.

“Detecting and Correcting Flow issues to Obtain Boiler MACT Compliance”

MIKE HIGGINS – AIRFLOW SCIENCES CORP, ST. PETERSBURG, FL

Presented will be ways of determining if flow issues prevent equipment for operating optimally and how to correct them. Areas covered will include combustion air control and backend particulate, temperature, uniformity and chemical injection mixing.

5:00 – 5:15 PM - GCT Supplier Society Meeting**6:30PM – Dinner (on your own)**

FRIDAY, October 28, 2011
no Mill Tour is planned

8:00AM - 11:00AM MILL TOUR

At this time, no program is planned on Friday. If this changes, an announcement will be made.

MEETING OFFICERS

Meeting and Session Chairman: Matt Worley, Harris Group, Atlanta, GA
Local Arrangements: Chris Dietel, DTE Energy Services, Atlanta, GA
Technical Sessions: Bob Langstine, Foster-Wheeler, Lawrenceville, GA
Gary Brown, Rock-Tenn, Demopolis, AL
Dwight Husband, KBR, Birmingham, AL

HOTEL INFORMATION:

Location: SpringHill Suites by Marriott
3950 Colonnade Pkwy
Birmingham, AL 35243

Hotel Reservations: (205) 969-8099
Rates per night: \$89 – Rooms blocked for
GCT will be held until September 14. Group
Code is (GCTGCTK).

Reservation link:
<http://www.marriott.com/hotels/travel/bhm-co?groupCode=GCTGCTK&app=resylink&fromDate=9/26/12&toDate=9/28/12>

Please mention affiliation with **Gulf Coast TAPPI** if you speak to someone at the hotel.

Vendors Note:

A limited number of tables (3x6) will be available for product displays. One per company: \$100.

Note: No Power will be available
Contact Fred Thompson, 318-768-4581 or
Fred.Thompson@genlp.com

LONG - RANGE PLANNING CALENDER

The following table is the *proposed schedule* for meetings through the year 2013. Please contact the meeting chairman if you need any further information about the meeting and to confirm the meeting details.

DATE	LOCATION	TOUR	TOPIC(S)	MEETING CHAIR(S)
Feb 2013	Demopolis, AL	Rock-Tenn Demopolis, AL	Kiln, Causticizing, Recovery	Meeting and Technical Sessions: Glenn Hanson – Industrial Kiln & Dryer Group Local Arrangements:
Jun 6 - 8, 2013	Destin, FL (Seascape)			Meeting and Technical Sessions: Local Arrangements: Tim Watson, TriNova
Sep 2013				

Please send your updated **EMAIL ADDRESS** if you would like to receive the Stock Exchange over email and you are not currently getting it or you have had a recent change in email address. New or changed addresses can be sent to jeff.smith@BTG.com.

TAPPI'S ANTITRUST POLICY STATEMENT

The Technical Association of the Pulp and Paper Industry, Inc. is a professional and scientific association organized to further the application of the sciences in the pulp and paper industry. Its aim is to promote research and education in the practice of pulp and paper manufacture. TAPPI is not intended to, and may not, play any role in the competitive decisions of its members or in any way restrict competition in the pulp and paper industry.

Please note that TAPPI policy prevents the scheduling of business or social activities between and among participants during times of scheduled TAPPI functions.

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EXECUTIVE COMMITTEE 2012-2013

Terms Expiring 2013

Randy Paff	SCA Barton
Tim Watson	TriNova
Mark Slaby	Voith
Glenn Hanson	Industrial Kiln
Chris Dietel	DTE Energy Svcs
John Graves	Resolute Coosa
Keith Deberry	PCA Counce
Tom Tobin	Boise Jackson
Jukka Perala	Capstone Technology
Lynn Marlow	
Stephanie Fendley	Ala TechNetwork

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Membership/Publicity
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Fred Thompson
Bill Josephson
Jeff Smith
Manuel Sibila
Bill Josephson
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YOUR PARTICIPATION IN THIS GROUP IS WELCOMED, AND NEEDED! CONSIDER THE PROFESSIONAL DEVELOPMENT AND CAREER OPPORTUNITIES FROM NETWORKING AND LEADING THE GULF COAST ASSOCIATION. Please contact Jeff Smith at 770-330-8613 or jeff.smith@BTG.com for information on being a part of this leadership team.

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More info at: <http://www.tappi.org/Groups/Local-Sections/GC.aspx>

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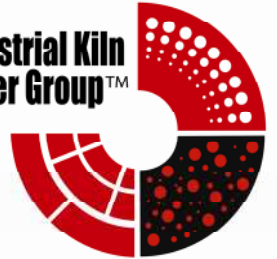


Gold:



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Silver:



Bronze



SEPTEMBER 2012 TECHNICAL PROGRAM

NEW BOILER MACT RULE CONSIDERATIONS

ON-SITE REGISTRATION/APPLICATION FORM

Please Print or Type

Name:		Name for Badge:
Title:		
Company:		
Address:		
City:	State:	Zip
Work Phone:		Cell:
Email:		
National TAPPI Member?	Yes / No (Please Circle)	
Category:	Mill / Supplier / Consultant / Educator / Retired / Student (Please Circle)	

Payments for the Thursday Sessions, September 27:

___ Technical Session, Mill & Educator *	8:30 AM-5:00 PM	\$80
___ non-TAPPI Mill Person, Educator	8:30 AM-5:00 PM	\$90
___ Technical Session, Students	8:30 AM-5:00 PM	\$10
___ Technical Session, Retired	8:30 AM-5:00 PM	\$25
___ Technical Session, Supplier & Consultant *	8:30 AM-5:00 PM	\$110
___ non-TAPPI Supplier, Consultant	8:30 AM-5:00 PM	\$120
___ Speaker (mill representative)	8:30 AM-5:00 PM	\$0
___ Speaker	8:30 AM-5:00 PM	\$40

TOTAL FEES PAID (cash or check please)

\$

Payment Options:

Cash ___ Check ___ Credit Card ___

With our new credit card processor, it is not necessary that you provide this information in advance. Major credit cards will be accepted on site. Completing this form and submitting will ensure that you are in the database and facilitate a very speedy registration on site. It helps our planning (lunches, room accommodations, etc.) greatly. There is no penalty if you need to cancel at the last minute.

You may fax (334-844-2063, Attn: Bill Josephson, latest Sep 24) or email josepbe@auburn.edu (anytime) this page to expedite your registration. You only need to confirm payment on site.

*****Please do not arrive before 8:00am. This will allow KBR employees to arrive at work with minimal congestion*****