



Presents...



STRATEGIES FOR OPTIMIZING YOUR PRE-FAB PROCESSES

May 9 – 11, 2012

Hotel Bethlehem
Bethlehem, Pennsylvania

Hosted by:



About the presenters:

H.T. LYONS

H.T. Lyons was founded in 1973 and became a wholly-owned subsidiary of PPL Energy Services in 1998. They are the largest mechanical contracting, engineering, maintenance and energy services firm in eastern Pennsylvania and New Jersey. Their goal is to deliver high quality projects on time and on budget largely due to the fact that 90% of their work is self-performed by their experienced sheet metal mechanics, pipefitters, plumbers, service technicians, commissioning agents and controls technicians. Their office staff includes estimators, engineers, project managers, CAD personnel and business professionals. H.T. Lyons services include a full complement of engineering, design, construction, maintenance and energy solutions. They are a single-source supplier for everything from \$40 million design-build projects to simple plumbing repairs. Their mission is "Taking care of your facility's mechanical system from design through routine maintenance." President **Rick Perosa** and Vice President **Roeland Hoeke** will lead the H. T. Lyons tour and discussions.

Victaulic

Since 1925, Victaulic has been at the forefront of mechanical piping systems innovation, providing numerous patented piping related products that are in use today in multiple markets around the world. And, they all stem from one basic concept; the original grooved end mechanical pipe joining system and a steady stream of innovation from Victaulic. The Victaulic grooved end piping system is reputed to be the most versatile, economical and reliable mechanical pipe joining system available. Within its commercial building services division, Victaulic provides piping system solutions for heating, cooling, plumbing and fire protection. They also provide resources for utility services, process piping applications, fire protection and suppression systems. Victaulic will showcase its manufacturing facility and focus on its "lean" manufacturing processes. Executive Vice President **Gary Moore** and Vice President **Mark Becker** are hosts for this program.

George Stuller

George Stuller, president of Stuller Consulting (Curtice, OH), has been in the mechanical piping industry since 1965. He is a Master Steamfitter and has an associate degree in mechanical engineering. He was the owner of a mechanical contracting company and currently consults on improving profits through fabrication applications. He is the past chairman of the Pipe Fabrication Institute and current labor chairman. George is MCAA's seminar consultant and assists the host companies in developing their presentations.

Bernie Tamasy

Bernie Tamasy is the president of Technical Sales International, Inc., (TSI) Austin TX, a provider of BIM solutions to HVAC, Mechanical, Plumbing, and Electrical Contractors. Bernie holds a BA degree from Duquesne University, Pittsburgh, PA and an MBA from The University of Dallas, Dallas, TX. He is a third generation mechanical contractor with over 35 years of construction experience who has worked in the field as well as held project manager, chief estimator, and business development manager positions.

Peer to Peer Networking

You will have ample time to exchange ideas with your fellow attendees during two evening receptions and over dinner on Wednesday sponsored by TSI and Thursday sponsored by Victaulic. To maintain the friendships and networking alliances you develop at this seminar, refer to the email addresses and phone numbers provided for each attendee with your seminar materials. Many prior attendees have used this opportunity to create their own "peer groups" to continue sharing ideas after the conference.

A special thanks to TSI and Victaulic for sponsoring the receptions and dinners.



Preliminary Program

Wednesday, May 9

4:00 p.m. – 5:00 p.m.

Registration

5:00 p.m. – 5:15 p.m.

Welcome and Introductions

5:15 p.m. – 6:00 p.m.

TSI Presentation

Building Information Modeling (BIM) is becoming more and more mainstream for mechanical contractors. As the principles of BIM become integral to the construction process, pre-fabrication, field installation and facilities management also improve. In this presentation, Bernie Tamasy will discuss moving the BIM process forward from the model to prefabrication techniques, field installation best practices, and through to facilities management efficiencies. Topics will include:

- Pre-fabrication Advantages
- Field Installation Best Practices
- Facilities Management Efficiencies

6:00 p.m. – 8:00 p.m.

Reception and Dinner hosted by TSI

Thursday, May 10

7:00 a.m. – 7:30 a.m.

Breakfast

7:30 a.m. – 9:00 a.m.

H. T. Lyons Presentation

Rick Perosa and Roeland Hoeke will provide an overview of the core concepts that have made H. T. Lyons the largest mechanical contracting concern in its market. Among the topics they will address are:

- Commitment to Quality and Safety
- Engineering
- Planning, CAD and BIM
- Productivity Tracking
- Sheet Metal Fabrication
- Skids and Modularization
- New Technologies
- New Market Opportunities

9:15 a.m.

Buses Depart for Allentown, PA and H. T. Lyons Facility Tour

9:45 a.m. – 11:45 a.m.

Tour of H.T. Lyons 122,000 square foot shop and home office

11:45 a.m.

Buses depart for Hotel Bethlehem

12:15 p.m. – 1:00 p.m.

Lunch

1:00 p.m. – 2:30 p.m.

Victaulic Presentation

Gary Moore and Mark Becker will share core lean manufacturing concepts that can be applied to the fabrication process. They will provide practical, real life examples of successful lean techniques in pipe fabrication. They will share implementation challenges and lessons learned along with measurement techniques and metrics management.

2:30 p.m.

Depart for Easton, PA and Victaulic Facility Tour

3:00 p.m. – 5:00 p.m.

Tour of Victaulic's Manufacturing and Commercial Construction Facility

5:00 p.m. – 7:30 p.m.

Barbeque hosted by Victaulic

7:30 p.m.

Return to Hotel Bethlehem

FRIDAY, MAY 11

7:00 a.m. – 7:30 a.m.

Breakfast

7:30 a.m. – 8:15 a.m.

Q & A and Recap of Thursday Tours and Presentations
H. T. Lyons and Victaulic Representatives

8:15 a.m. – 9:00 a.m.

George Stuller Report on Fabrication Facility Trends and Conditions
along with an Update on United Association Pre-Fabrication
Agreements

9:00 a.m.

Best Practices

You are the program. This session provides you with a chance to share your favorite shop idea, get advice from your peers on how to solve an issue you may have, or to peer review other “best practices.” You are encouraged to send your photos and questions to MCAA by **May 1** to Sean McGuire (smcguire@mcaa.org).

10:00 a.m.

Program concludes

Seminar Location

Hotel Bethlehem

437 Main Street
Bethlehem, PA 18018
Phone: 610-625-5000
Website: www.hotelbethlehem.com

The Historic Hotel Bethlehem in downtown Bethlehem, PA is located in the heart of the Lehigh Valley, just minutes from Allentown and Easton, Pennsylvania and a 10 minute drive from the Lehigh Valley International Airport (ABE). Restored to its original 1922 grandeur, Historic Hotel Bethlehem's floor-to-ceiling palladium windows provide dramatic views of a charming neighborhood and shopping district in the heart of the historic district. The 128 guest rooms have been recently renovated and feature: voice mail, irons and ironing boards, coffee makers, hairdryers, cable television with four HBO movie channels and available pay per view, nightly turndown service and free wired high-speed internet access. The hotel provides shuttle service to the Lehigh Valley Airport.

Airports

Service is available directly into the Lehigh Valley International Airport (ABE) on regional type aircraft. You may also consider flying to Newark International Airport (75 miles from Bethlehem) or into the Philadelphia International Airport (68 miles from Bethlehem).

To Register

Registration is limited to two (2) people per MCAA member company or branch office. The seminar is capped at 100 attendees. The seminar sells out very quickly and a wait list is maintained on a first-come, first-served basis; registration fees must be paid to secure a space at the seminar or to be placed on the waitlist. If you are on the waitlist, you will be called if a space becomes available. Given the popularity of this program, registration is limited to MCAA members.

Registration fee is \$895 per person.

You may register online at www.mcaa.org/prefab or via fax by forwarding the registration form to 301-869-3520—attn: Taj Homayouni.

For more information contact Cynthia Buffington (cbuffington@mcaa.org) or 301-869-5800.



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