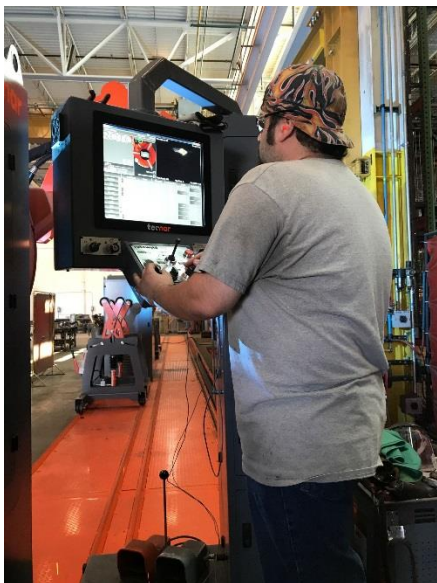




Presents...

MCAA  **FAB**
2018



Facility Tour Hosted by:



May 9 -11, 2018
Hyatt Regency
Buffalo, NY

John W. Danforth Company

The John W. Danforth Company is a charter member of the MCAA and a leading mechanical construction company. Founded in 1884, Danforth provides turn-key solutions for the healthcare, industrial, education, commercial, government, power, and the sports/entertainment markets. Danforth's fabrication facilities, with over 140,000 square feet of fabrication space, are in three cities across New York State. It's territory spans hundreds of miles within New York, Pennsylvania and the New England States. Danforth is signatory with 29 unions. Buffalo is its headquarters and home to the pipe and sheet metal shops; the Rochester region maintains a pipe shop as well as its dedicated stainless steel and high-purity fabrication shop; its Capital Region facility hosts a pipe and sheet metal shop. Danforth is 100% employee-owned (ESOP), and is a growing company with over 200 office personnel and up to one thousand union trade workers. **Its mission is simple: to deliver industry leading experiences for our customers every day.**

Pipe Fabrication

Across New York State, Danforth has five physical facility spaces dedicated to piping fabrication. These shops, two of which you will see during the tour, support projects for heating and plumbing systems, refrigeration, process piping and power in the market segments in which Danforth works. The tour will cover the Buffalo carbon steel and copper pipe facilities where demos of various processes and procedures will be provided.

Stainless Steel and High Purity Fabrication Facility

Located in Victor, NY, (Rochester) just 90 minutes east of Buffalo is Danforth's stainless steel fabrication facility, one of the few fabrication shops of its kind in the northeast. The SS shop and ISO class 6 cleanroom fabrication space support extremely customized stainless steel fabrication for New York State's semiconductor and optics manufacturing industries, as well as specialized healthcare and research facilities. The 17,600 sq. ft. stand-alone facility is made up of 11,000 sq. ft. for SS piping fabrication, 4,000 sq. ft. for clean room fabrication, and 2,600 sq ft of office space to support these operations. Your tour will include a video of the SS shop and a discussion of this space where we focus solely on the cutting, facing, welding, and inspection of stainless steel piping and other high purity tubing systems.

Sheet Metal Fabrication

Located at the 400 Colvin Woods Parkway building in Buffalo, the sheet metal shop works with a variety of metals and processes to fabricate duct sections to meet SMACNA standards for the industrial and HVAC projects the company completes. The shop maintains sheet metal equipment to cut, form, weld, fabricate, and assemble various metals from 26 gauge to ½" thick plate.

CAD

Danforth employs 25 CAD personnel who utilize BIM and Autodesk programs to design efficient plumbing, HVAC, and specialty process systems, as well as individual components for prefabrication. These component drawings tie in with the CNC machinery in both pipe and sheet metal shops, allowing for direct communication and resolution of issues among our design, fabrication and operations personnel.

Hosts

Your hosts for the tour of John W. Danforth fabrication facilities include: **Kevin "Duke" Reilly**, CEO; **Robert Beck**, Danforth President and MCAA Board of Director's member; **Todd Follis**, Director of Construction Operations; **Mike Bement**, Director of Shop Operations; and **Pat Moran**, Director of Virtual Design and Construction.

MCAA Fabrication Task Force

Jeff Knoup, Vice President, Mechanical, Inc., Freeport, IL

Jay Rohan, Senior Vice President, Dynamic Systems, Inc., Buda, TX

Mike Shinn, President, Shinn Mechanical, Kent, WA



Preliminary Program

Wednesday, May 9

3:00 p.m. **Registration** (*Niagara Foyer*)

5:00 p.m. **Conference Overview, John W. Danforth Company Presentation** (*Grand Ballroom BC*)
Kevin “Duke” Reilly, CEO; **Robert Beck**, President; **Todd Follis**, Director of Construction Operations; **Mike Bement**, Director of Shop Operations; and **Pat Moran**, Director of Virtual Design and Construction.

6:00 p.m. **Happy Hour** (*Grand Ballroom Foyer*)

7:00 p.m. **Dinner and Idea Exchange** (*Grand Ballroom A*)

Thursday, May 10

7:00 a.m. **Breakfast** (*Grand Ballroom A*)

8:00 a.m. **Bus Boarding**

8:30 a.m. **John W. Danforth Tour**

The tour will cover four of Danforth’s five fabrication facilities. The 21 tour stations are:

#1	High Purity	#2	Shop Orders/Specialty Vehicles
#3	Material Receipt/Handling/Inspection/Storage	#4	Vernon Cut Station
#5	Welded Shop Flow	#6	Automated Welding Cell
#7	Grooved Station/Modular Fabrication	#8	Safety
#9	CAD Workflow	#10	CAD Deliverables
#11	Custom/Fitting	#12	Welded Ductwork
#13	Fab Sketch/Kitting/Loading and Shipping	#13	Coil and Spiral
#15	Project Share Structure	#16	Corporate Standardized Operating Procedures
#17	QA/QC	#18	Thermaduct
#19	Copper Fab and Carriers	#20	Shipping and Fixtures
#21	Hangers		

12:00 p.m. **Lunch at John W. Danforth**

2:30 p.m. **Return to hotel**

3:00 p.m. **John W. Danforth Tour Recap** (*Grand Ballroom B-C*)

3:30 p.m. **Case Study – The Largest Heat Recovery Unit Assembled in the US** -- Durr Mechanical
Paul Thompson, Vice President, will explain how an 8 million-pound heating structure (HRSG) was assembled, floated down the Hudson River past New York City, delivered and installed in a new power plant project in New Jersey.

4:30 p.m. **Mini Product Show and Happy Hour** (*Grand Ballroom A*)

Exhibiting Companies:

- | | |
|--------------------------|-----------------|
| ▪ Autodesk | Fab Pro1 |
| ▪ GTP Services | Mueller |
| ▪ Team Industries | T-Drill |
| ▪ Trimble | Viega |
| ▪ Victaulic | Zurn |

6:30 p.m. **Dinner on your own**

Friday, May 11 (Grand Ballroom B-C)

- 7:00 a.m. **Breakfast** (Grand Ballroom A)
- 8:00 a.m. **Lean for Fabrication Facilities** – Viega
- 9:00 a.m. **The Work Activity Method for Estimating Fabrication** – Ron King, Co-chair, MCAA WebLEM
- 10:00 a.m. **North Mechanical Best Practices Presentation**
- 10:30 a.m. **My 10 Things and Conference Wrap-up** – John Koontz

Networking

You will have ample time to exchange ideas with your fellow attendees throughout the conference. 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 conference materials. Prior attendees have used this opportunity to create their own “peer groups” to continue sharing ideas after the conference.

Exhibiting Companies



MCAA extends its appreciation to all prior hosts:

CCI Mechanical
Hill Mechanical
The Smith & Oby Company
H. T. Lyons
Kinetics
Dunbar Mechanical
Current Mechanical
C J Erickson Plumbing

Dynamic Systems
W. E. Bowers
Neptune Plumbing
Shinn Mechanical
ACCO Engineered Systems
CFI Mechanical
Binsky & Snyder
J F Ahern

Mechanical, Inc.
John J. Kirlin
S.A. Comunale
McKinstry
Broadway Mechanical
Humphrey Co.
Limbach

Conference Location

Hyatt Regency, Buffalo

The hotel has 398 spacious, recently renovated guest rooms with contemporary decor. All rooms have refrigerators. You'll find a Starbucks in the lobby and an adjacent Morton's Steakhouse. There is a 24-hour, state-of-the-art business center with Wi-Fi, printer, copy and fax services. The hotel is located downtown and is approximately 13 miles from the Buffalo International Airport. Uber and Lyft are available at the airport.

Located in the heart of the business and entertainment districts, the Hyatt offers easy access to many fun things to do in Buffalo, NY. Once referred to as the "Gateway to the West", Buffalo is home to many exciting attractions, like the Buffalo Museum of Science, Buffalo & Erie County Botanical Gardens, and the breathtaking Niagara Falls, just 15 minutes away. If you're looking for activities at the hotel, claim a lounge chair at the rooftop pool and soak up the sun, reward yourself with a soothing treatment from Spa Alexis, or take advantage of the 24-hour StayFit™ Gym.

Registration

The Fabrication Conference fills quickly and is limited to **180 participants with no more than two registrants per MCAA member company including any of its subsidiaries**. A waitlist is maintained. MCAA will draw from the waitlist as spots become available. If your plans change, please contact MCAA as soon as possible so others may take your place.

TO REGISTER, COMPLETE THE REGISTRATION FORM AND RETURN IT TO MCAA

MCAA will make hotel reservations for all conference attendees.

Please fax your registration form to 240-238-2699. To make changes to your registration, hotel dates or to cancel, please contact **Baha Kandirmaz** (eventregistration@mcaa.org) in MCAA's meeting department. For program information contact **Cynthia Buffington** (cbuffington@mcaa.org).



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