

PROVIDING EXCEPTIONAL ENGINEERED SOLUTIONS & SERVICES SINCE 1940

## PROJECT UPDATES:

### [MECO](#) DESIGNS SPLIT-FRAME PROCESS SKID TO MAXIMIZE ENERGY EFFICIENCY

This process skid, designed to heat jacketed pipes, was recently delivered to an upstate South Carolina manufacturing facility. A steam heating system using a [Tranter](#) heat exchanger and [Spirax Sarco](#) steam components, the project was generated based on the available energy savings payback. As an experienced engineer, our customer recognized the wasted energy with the original process. This skid-mounted design reduced onsite installation duration. We also incorporated a split-frame design to allow for the tight access constraints.



### [MECO](#) EXPEDITES SKID PROJECT TO MEET CUSTOMER NEED



A long-time, repeat customer needed to install a steam heating system on short notice in order to maintain jacketed pipe temperatures for a new manufacturing line. [MECO](#) designed and fabricated the system skid, allowing for access and final footprint constraints. This skid contained a [Tranter](#) heat exchanger, [Corcoran](#) pumps, and [Spirax Sarco](#) steam components with condensate return.



### [BJM](#) PUMP SCHOOL

In November, Matt Rice attended the [BJM](#) Pump School in Old Saybrook, Connecticut. This two-and-a-half day workshop covered a wide variety of submersible pump topics including issues related to sizing, installation, problem solving, failure analysis and repair of submersible pumps offered by [BJM](#) Pumps.

[BJM](#) representatives included Brian Mitsch, Vice President of Operations; Steve Mosley, Applications Engineer; and Joe Ho, Engineering & Quality Control Manager. Valuable information was presented by all, especially by Brian Mitsch who has more than 25 years of experience in design engineering for pump manufacturing firms as well as consulting work in the pump industry.



## VOLUTE DEWATERING PRESS SUCCESS!

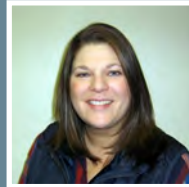
On October 28<sup>th</sup>, Chadwick Johnson of [MECO](#) and Corey Whitehead of [PWTech](#) completed a successful start-up of a [PWTech](#) Volute Dewatering Press at a poultry plant in Sumter, SC. The ES 302 pictured is capable of dewatering sludge at 70 gpm or 700 lbs/hr.

The unit is supplied with a polymer mixing station and a feed pump. [MECO](#) wants to thank Corey, Jim Heist and Alex Davey for a successful project and a happy customer!



## NEW FACES AT MECO

### MEET: MARIE WESTPHAL



In October, MECO welcomed Marie Westphal to the family as the new Sales & Marketing Assistant. Marie is originally from Minneapolis, MN but has lived in South Carolina for 4 ½ years. Marie holds a BA in Business Administration with an emphasis in Marketing and Media Communications. Previous experience includes graphic design, administration, sales support and communications. Marie and her husband, Tim, have three children: Taryn (10), Zoey (8) and Brayden (5). Marie enjoys camping, kayaking and beach trips with her family as well as spending time with friends and neighbors.

### MEET: JASON DAVIS



Jason Davis has just been welcomed by the MECO family as a Spot Welder. Previously, Jason has worked in the boiler-making industry. Jason is from Spartanburg, SC, where he still lives with his wife, Ashley, and their 3 children: Hunter (6), Kesney (1) and Kenley (4 mo.). In his free time, Jason enjoys hunting wild game.

### MEET: ZAC COOPER



MECO welcomes Zack Cooper to the family as the new Engineered Sales Representative for the SC East Industrial Division. Zack is originally from Greenville, SC and has just moved back to the area from New York. Zack holds a BS in Electrical Engineering from Clemson University and has experience in instrumentation and control systems engineering as well as project management in the nuclear decommissioning and deconstruction industry. Zack's hobbies include skydiving and other adventure sports, boating, landscape photography and traveling with friends and family.

# RECENT EVENTS:

## NC AWWA-WEA ANNUAL CONFERENCE

The North Carolina Section of the American Water Works Association (NC AWWA) & The North Carolina Member Association of the Water Environment Federation (NC WEA) held their 95th Annual Conference November 15-18 in Raleigh, NC. AWWA-WEA is a volunteer association dedicated to providing water and wastewater education, training, and service in an effort to protect public health and the environment. [MECO](#) team members Chadwick Johnson, Matt Rice and Bob McCollum exhibited at the show in partnership with Jim Heist from [PWTech](#).



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## SERVING THE CAROLINAS FOR 75 YEARS

Since 1940, Mechanical Equipment Company has been deeply involved in the Industrial, Utility, Water/Wastewater and Commercial growth in the Carolinas. As our first priority, a commitment to customer satisfaction has been the major factor in our success and growth. From a one-man company in 1940, we are now a firm with nine experienced outside sales engineers who are backed up by eight highly trained inside sales and engineering staff. We also offer a customer service and office staff of seven, as well as a service department.

Continued representation of several major principals for over fifty years is evidence that our primary commitment to customer satisfaction is the major reason for our stable expansion since 1940.

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