

Haberberger Mechanical Newsletter

April 2011

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Pepsi



Meet Pat Ledbetter

Pat joined Haberberger's Service Team in September of 2004 as a Service Representative, bringing with him over 30 years of experience in the HVAC and Refrigeration Industries. He states his principle roll is "helping customers resolve HVAC and mechanical repair issues." Graduating from Rankin in 1983, he stays up-to-date on technology changes through equipment manufacturers' training sessions and project experience. Pat enjoys his family time and is the proud grandfather of four of the "greatest grandkids in the world."

Pat holds a 1st degree belt in Isshinryu Karate Do which allows him to teach young men and women the discipline and self control required of martial arts. Pat also enjoys the outdoors where he tries to golf and hunt turkey and deer.

St. Louis County Animal/Vector Control Shelter

In August 2010, Haberberger, Inc. was selected by Hof Construction for the HVAC portion of the new St. Louis County Animal/Vector Control Shelter. This project consists of the renovation of an existing 26,000 sq. ft. warehouse building into a new animal vector control shelter. This project will comply with United States Green Building Council (USGBC) Leadership in Energy and Environmental Design (LEED) prerequisites and credits needed for the facility to obtain LEED certification. Major

subcontractors include JEN Mechanical, Johnson Controls, and Thornburgh Insulation. Our field team, consisting of Rick Princivalli, Ken Bailey, Phil Jones and Tom Masterson, has worked hard for the success of this project, as have Dan Hof and Tony Perotta of Hof Construction. We look forward to the successful completion of this project in May 2011.

MSD Grand Glaize

Haberberger, Incorporated was awarded two projects at the MSD Grand Glaize plant.

Our team recently started work on installing a Redundant Washer Compactor at the plant. The project involves relocating an existing washer compactor and modifying the piping and electrical for the new equipment. Work should be complete by May, 2011.

Our second project at Grand Glaize involves installing new valves and piping in four different splitter boxes. The project cannot start until valves are delivered in late April and must be complete by August, 2011.

Haberberger, Inc. Fabrication

Haberberger, Inc. stays competitive in the construction industry through the use of our fabrication facility. Our fabrication facility enables us to make a majority of our welds in a controlled environment, which helps save time and also allows for better quality control. This is very crucial on shutdown, turn-around and outage projects, where deadlines are the driving force of the project. Aside from fabrication for our own work, we provide fabrication to customers for their use.

Haberberger, Inc., being a part of the National Certified Pipe Welding Bureau (NCPWB), has numerous welding procedures for a wide array of different piping materials that are all qualified under the ASME Section IX Welding Code. Aside from the procedures from the NCPWB, Haberberger, Inc. has developed its own procedures to fit specific jobs and applications for our customers.

We have procedures for carbon steel and stainless steel, as well as for aluminum, titanium, nickel alloys, 2-1/4% chrome, 1-1/4% chrome and P90 chrome. We have procedures for the standard SMAW (stick welding), GTAW (or TIG welding), as well as FCAW (flux-core) and GMAW (MIG). We also have a number of welders certified in the orbital welding process for high-purity piping systems.

Jerry Ditch is the shop foreman and normally runs a crew of 8 to 10 pipe fitters, but at peak times, there have been upwards of 18-20 pipe fitters on a single shift. The fab shop is split into two main areas: ferrous materials (such as carbon steel and chrome alloys) and non-ferrous materials (such as stainless steel and copper). This segregation allows for a cleaner welding environment and prevents cross-contamination. We also have an outdoor bay that is great for performing radiographic NDE, while allowing continuous operation of the indoor welding stations.

Haberberger has recently purchased equipment, for pre- and post-weld heat treatment. Heat treatment is a necessity on heavy-walled pipe, as the heat from welding allows for hydrogen to become trapped in the weld metal. When the weld metal cools, the hydrogen produces cracks and holes in the weld. Heat treatment allows the weld to cool at a slower rate, which facilitates hydrogen dissipation. This allows for a more sound and strong final weld.

We have two American Welding Society Certified Welding Inspectors on staff at Haberberger, which helps us maintain a high level of quality control on our piping fabrication and erection. For ASME boiler and pressure vessel work, we can aid in the design and construction of a boiler, utilizing our ASME "S" stamp or perform any repairs or alterations with our NBIC "R" stamp.

We also have quality control procedures that are compliant with ASME Section I-Boiler Construction and ASME BPE (biopharmaceutical) Piping codes. These procedures help us ensure that our customers receive products of the highest quality. These quality control programs also help with ensuring quality control on work to the following ASME Codes: B31.1-Power Piping, B31.3-Process Piping and B31.9-Building services piping. If you need fabrication assistance, please call Steve Haberberger, Sr. at 314/631-3324.

The Legend of the Dogwood Tree

Legend has it at the time of the Crucifixion the dogwood was the size of the oak and other forest trees. So firm and strong was the tree that it was chosen for timber for the cross. To be used for such a cruel purpose greatly distressed the tree, and as the story goes, the trees begged God to spare them, but the Dogwood begged not for its life but for the life of Jesus.

The Dogwood would now carry the body of Christ to his death. To be used for such a cruel purpose greatly distressed the tree, and Jesus nailed upon it, sensed this. In His gentle pity for all sorrow and suffering Jesus said to the tree: "Because of your regret and pity for My suffering, never again shall the dogwood tree grow large enough to be used as a cross. Henceforth it shall be slender and bent and twisted and its blossoms shall be in the form of a cross - two long and two short petals. And in the center of the outer edge of each petal there will be nail prints, brown with rust and stained with red, and in the center of the flower will be a crown of thorns, and all who see it will remember." The Dogwood would only bloom for a very short time before and after the date of the crucifixion.

The pink dogwood is said to be blushing for shame because of the cruel purpose which it served in the Crucifixion. The weeping dogwood further symbolized the sorrow. The red dogwood, called the Cherokee, bears the color to remind us of the blood shed by our Savior.

Haberberger Anniversaries March - April 2011

Mike Bonebrake - 10 Years

James Presley - 10 Years

Jeff Roberts - 10 Years