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**Tyler Pipe and Coupling —
What Was Old is New Again**

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Tyler Pipe and Coupling – What Was Old is New Again

– by Francesca Dunbar

Cast iron soil piping has been used in plumbing systems for hundreds of years around the world. One of the oldest cast iron piping installations documented was in France in the Fountains of Versailles. The reason cast iron has survived is simple, cast iron endures the test of time. Modern day cast iron looks similar to old cast iron except the methods of installing have changed dramatically. No more oakum and molten lead needed for installation. The process has been simplified with gaskets and stainless steel shielded no-hub couplings. These modern installation methods have drastically reduced the installation time which is now comparable to plastic piping materials.

Cast iron is a highly reliable product and has been used for centuries. It has many significant qualities making it ideal for commercial construction.

- It is fire resistive – it will not burn or melt
- It has excellent crush and deflection resistance in underground applications – stronger than thermoplastic materials
- It provides excellent sound attenuation in waste water applications – known as a more quiet solution for above ground applications and,
- It is a green solution – 100% recyclable material

Modern Manufacturing – Made in the USA

Tyler Pipe and Coupling has a long history of being the country's largest

producer of cast iron soil pipe and fitting and no-hub couplings for drain, waste, and vent (DWV) plumbing systems. All Tyler cast iron pipe and fittings, as well as couplings, are manufactured right here in America. Tyler is a complete end-to-end producer of cast iron products.

Over the past decade, Tyler has modernized the foundry, staying ahead of the curve. They have also invested over \$120 million in capital improvements over the past 15 years including \$40 million in environmental control and pollution prevention and \$55 million in environmental, health and safety (EHS) initiatives. These improvements

have not only met local, state and federal regulations but, in many cases have exceeded requirements. It is the company's goal to embrace the process of continuous improvement to maintain its current level of excellence. Besides the Foundry in East Texas, they also have a plant in Marshfield, Missouri where no-hub couplings and compression gaskets are manufactured.

Many of the technologies currently in use for the production of cast iron plumbing materials were developed by Tyler engineers, attesting to their commitment to innovation and the development of leading edge manufacturing methods.



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Cover Story



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Timeline of Innovation

Founded in 1935 as the Tyler Iron and Foundry Company, the world was just starting to emerge from the Great Depression. By 1937, Tyler had named a new president, M.J. Harvey, and had begun producing cast iron soil pipe and fittings. The modern-day Tyler had begun to take form.

By the early 1950s, Tyler had grown into producing specification products as well as cast iron pipe and fittings. A large new 108" cupola was installed to accommodate the new demand for high-volume melting, and the company's first centrifugal pipe machines were installed for the production of 10' pipe.

In 1967, the company name was changed to Tyler Pipe Industries. The ensuing years found Tyler growing into a dominant force in the pipe and fittings business as other foundries consolidated or closed in the face of growing costs to meet evolving safety and environmental regulations. Tyler continued to pioneer new technologies. In 1979, Tyler sold their 100-millionth Tyler Ty-Seal compression gasket. In 1986, Tyler began production of its own no-hub couplings and gaskets. In the 1990s Tyler began manufacturing no-hub couplings in their Marshfield facility. Tyler Pipe and Coupling was purchased by McWane in 1995. McWane, Inc. is a privately held family company located

in Birmingham, Alabama. The Tyler of today has been transformed.

The Modern Foundry

The modern Tyler Pipe and Coupling has emerged as one of America's largest producers of cast iron soil pipe, fittings and couplings. Tyler can also take pride in having their products installed in many of our nations' iconic buildings including; AT&T Stadium in Dallas, home of the Cowboys, MET Life Stadium, home of the NY Jets, and Park-

land Hospital in Dallas, Texas as well as many landmark buildings. The most impressive high-rise building installation is the Freedom Tower, built on the footprint of the Twin Towers destroyed in the infamous 9-11 attack in New York City.

Tyler cast iron products are made from ~100% recycled iron, making Tyler a leading recycler of discarded iron products, reducing the demand on area landfills by thousands of tons a year. In keeping with Tyler's commitment to sustainable manufacturing and team member safety, foundry air and water are treated in onsite facilities. Tyler maintains a safe and clean workplace for the team members and to meet all state and federal environmental and workplace safety requirements. The company believes in being a good steward of the environment and has implemented comprehensive environmental policies and practices that reduce costs, increase efficiency and improve overall environmental performance. Always at the forethought of every team members mind is the motto "We don't want anything to go out that we wouldn't buy ourselves."



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The Complete End-to-End System

Tyler has been known for being the leading manufacturer of cast iron soil pipe and fittings for nearly a century, but they also manufacture a complete line of no-hub couplings. Tyler couplings use the highest quality materials from stainless steel shields and bands all the way to the screws and gaskets and they are made right here in the U.S.A. By using the highest quality materials, it allows Tyler to maintain the highest quality standards throughout the entire manufacturing process. In fact, Tyler has the best quality control in the industry. It is the attention to detail and the involvement of team members through every step of the process that allows Tyler to realize exceptional quality control.

The Tyler couplings are easily identified by their trademarked diamond-pattern corrugation designed shield. The stainless steel shield locks the Neoprene® gasket beneath preventing slippage or extrusion. The no-hub couplings feature a superior gasket joint engineered to prevent leakage even when subjected to vibration, seismic tremors,

expansion, and contraction - deflection by as much as 5 degrees.

When used together, the pipe, fittings, couplings and gaskets form a complete end-to-end system, fully certified by NSF International. Tyler products also meet ASTM specifications (ASTM A74 and ASTM A888) as well as CISPI specifications (CISPI 301 and CISPI 310).



The Brand

In 2013, Tyler underwent a revitalization of their image and a new Tyler Pipe & Coupling logo was created. The idea for a new brand was conceptualized as part of Tyler's goal to enhance recognition of the brand as an established forward-thinking company that plays a vital role in the construction industry.



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About McWane

McWane, Inc. is a family business based in Birmingham, Alabama with iron foundries across the United States and the world. McWane's divisions focus on safe, environmentally friendly manufacturing of ductile iron pipe, fittings, hydrants and valves. These and other products provide the backbone of vital water distribution and wastewater treatment systems for communities across the globe. The company employs more than 5,500 workers and has a long-standing commitment of support to those communities where their employees live and work.

About Francesca Dunbar

Francesca Dunbar, is the Director of Marketing for the McWane Plumbing Group that includes Anaco-Husky, AB&I Foundry, Tyler Pipe and Coupling, Wade Drains, Bibby Ste. Croix, and the Engineering Specifications Team. She can be reached by email at Francesca.Dunbar@mcwanepbgrp.com.

As with many companies revitalization of their brand is essential to keep relative. Companies like Domino's Pizza, Coca-Cola and even Ford have changed their brand identity through the years. It was time for a new image for the modern day Tyler. This change further supports the efforts of new leadership, positive cultural changes and improved level of service that has been occurring at Tyler. Like they say, "What's old is new again!"

For more information contact Tyler Pipe and Couplings (800) 527-8478, email info@tylerpipe.com or visit TylerPipe.com. ■