

PIPELINE

PIPING SYSTEMS INC.

COMMERCIAL/INDUSTRIAL/INSTITUTIONAL MECHANICAL CONTRACTORS

SUMMER 2017

Project Profile

Project: Process Piping

Client:
Benjamin Moore & Co.
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PSI Completes A Process Piping Project for Benjamin Moore

Benjamin Moore & Co., a Berkshire Hathaway company, is one of the leading manufacturers of premium quality residential, commercial and industrial maintenance paints. When it comes to premium paints and stains for your home, Benjamin Moore has set the standard for excellence. They manufacture their own resins and proprietary Gennex® colorants, which deliver superior performance and application properties in every product.

They remain committed to the vision of their founder, Benjamin Moore, when he started his paint company in 1883, producing the highest-quality paints and finishes in the industry.

Piping Systems, Inc. was recently called upon to provide process piping services for Benjamin Moore's



Milford, Massachusetts Plant. Here is the scope of the project:

PSI provided all the necessary labor and materials to remove the stainless and PVC piping detailed on the supplied demolition P&ID drawings, installed required trapeze strut supports for new welded stainless steel product delivery mains from Tote 5 and 18, including all owner-supplied equipment, manual, and control valves, detailed on P&ID405.

Twelve new laterals were fabricated for connection of new and future mains to multiple tanks to eliminate long shut-down requirements at each vessel. Coordinating with facilities for each individual connections went seamlessly. Tanks were taken out of service between product transfers, allowing PSI the minimal amount of time required for install so production was not affected.

All welding was performed with the tungsten inert gas welding procedure conforming to Piping Systems' Welding Procedure Specifications (WPS) in accordance with Section IX of the ASME Code. Pipe and tubing were cut with a George Fisher self-squaring saw, internally cleaned and coated with Surfox stainless steel welding flux.

PSI held weekly conference calls with all parties involved, including Benjamin Moore's Terry Perdue and upper management from the Milford Plant to make sure production was never affected. Safety concerns were addressed and PSI crews kept up with schedule.

Additionally, PSI provided a 28-foot trailer equipped with all the necessary equipment so fabrication could be completed onsite, eliminating as much welding within the facility as possible in an effort to keep flammable product risk concerns to a minimum.



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PIPING SYSTEMS, INC.

Find The Silver Lining

Everyone faces adversity, pain, loss, and suffering in life. When you go through those periods, it's hard to remember that the emotions you're feeling are only temporary. The best thing to do is to develop a plan for what you will do when these times hit and find your way to the silver lining—the place where you can feel hopeful again.

First examine whether you have:

- A personal sense of commitment in life
- A feeling of control over life
- An ability to let go when appropriate
- A strong personal support system
- Strong values

Then look at the two lists below to face your situation realistically and adjust yourself appropriately. Concentrate on the second list, and you'll do better at maintaining the proper perspective.

Things you can't control

- Traffic
- Hours in the day
- Your age
- Other people's whims
- Someone else's follow-through (or lack of follow-through)
- Death
- Taxes

Things you can control

- Your treatment of others
- The way you spend your time outside of work
- What you say about yourself in your head
- How often you exercise
- When and how to share your feelings
- How to let others know you're stressed
- How old you act

Giant Otters Once Roamed China

Otters may look cute and cuddly, but they weren't always that endearing. Scientists have discovered the fossilized remains of an otter weighing more than 800 pounds that lived in China's Yunnan province some 6 million years ago.

Paleontologists found the cranium mostly intact, but somewhat flattened and very fragile, so it can't be reconstructed physically, but CT scans allowed for a virtual reconstruction. The giant otter's teeth share some features with the badger, so it was given the name *siamogale melilutra*—in Latin, *meles* means "badger" and *lutra* means "otter."

Still to be determined: the reason behind the otter's size. Large carnivores needed size to hunt and subdue their prey, but these ancient otters likely ate small creatures like mollusks, and thus wouldn't need to have grown to massive proportions. Why the big size? No one knows yet.

Leading By Example

Bill Gates, co-founder of Microsoft, has his own private jet now, but he didn't always. On the Business Insider website, former senior vice president Brad Silverberg recalls that in the 1990s, all Microsoft employees were required to travel by commercial airline—in coach, despite the fact that by that time Microsoft was a thriving organization. On one flight from Seattle to New York, Silverberg flew with Gates and some other members of the Windows team:

"And there was Bill, sitting in coach, in a middle seat. It didn't matter to him; he spent the whole flight reading. He wasn't as universally recognized then so it wasn't such an issue for him to fly commercial. It made a big impression on me, a new Microsoft employee, seeing Bill lead by example."

Choose To Be Happy At Work

Work doesn't have to be endless drudgery. You can take positive steps to be happier at work. Try these:

- **Look for the meaning.** Don't think of your job as just selling shoes, writing press releases, or whatever's in the job description. Find some meaning in it: You're not just selling shoes, you're helping people make good style choices that will help them feel better about themselves, for example.
- **Personalize your workspace.** Decorate your desk, cubicle, locker, or wherever you spend most of your time. A few photos and knickknacks will make your workspace and more comfortable place to spend time in.
- **Smile more often.** The act of smiling can put you in a better mood even if you're feeling blah. It'll make a positive impression on your co-workers as well, increasing the overall amount of cheer in your workplace.
- **Focus on the future.** Set some long-term goals for your career. Thinking about them and working to achieve them will keep your mind off the day-to-day tedium of your duties.
- **Eat a healthy diet.** You'll have more energy if you're careful about what you eat. Choose fruits and vegetables for meals and snacks instead of fast food or candy bars. In the long run, you'll feel better physically, which will translate into a better mental attitude.

SPEED BUMP

Dave Coverly



Pack A Bag For Creativity

When you need a little creativity boost, grab a bag of inspiration—literally. Pack a bag as if you were going on a mini-retreat, then head to a local café or someplace other than your desk for some creativity time at least once a week. Here's a list of items to include:

- **Books.** Bring something fun to read, something you find inspiring or relaxing.
- **Magazines.** Choose your favorites to browse for new ideas.
- **A journal.** Bring whatever inspires you to write. Anything from a fancy leather-bound journal to your laptop or tablet—whatever you're most comfortable with.
- **Paper, pens, and markers in various colors.** You don't have to be an artist. The idea is to bring whatever inspires you to doodle and have fun.
- **A list of topics to get you going.** Don't limit yourself to workplace issues. Pick a few general concepts, like time, coincidences, forgiveness, or the like—whatever is meaningful to you.



Why Biometric Security Makes Some People Nervous

Technologies that can read your fingerprint or handprint, recognize your voice, or scan your retina are becoming more reliable, but many of us don't trust them. As reported on the *Digital Trends* website, a study of more than 1,000 Americans over 18 found that 58% prefer standard written passwords to biometric security measures for their smart phones and other devices.

The reasons? Among the survey respondents, 42% worried about organizations saving their biometric data, and fewer than 1 in 10 people considered the technology to be free of risk. Also, 42% expressed concerns that malfunctions would leave them unable to access their accounts.

Different Priorities

During a Little League game, one of the batters hit a fly ball to right field that the right fielder made no attempt to catch. After the inning was over, the coach pulled his right fielder aside and asked him why he didn't even try to catch the ball.

"If I had caught that ball," replied the boy, "I would have killed my new friend." And with that, he opened up his glove to show the coach a caterpillar he had found in the field.

Remember this story to remind yourself that everyone's priorities are different.



Test your bird knowledge!

Bird Brains

- 1) Which of these birds is often described as a thief?
 - a) Crow
 - b) Magpie
 - c) Blue Jay
 - d) Seagull
- 2) What bird's eyes are larger than its brain?
 - a) Mourning Dove
 - b) Pelican
 - c) Ostrich
 - d) Pigmy Owl
- 3) Which bird has the world's longest wingspan?
 - a) Andean Condor
 - b) Great White Pelican
 - c) Whooper Swan
 - d) Wandering Albatross
- 4) What bird is generally thought to be flightless, but isn't?
 - a) Roadrunner
 - b) Southern Cassowary
 - c) Greater Rhea
 - d) South American Grebe
- 5) Which state has no hummingbirds at all?
 - a) Hawaii
 - b) New Mexico
 - c) Alaska
 - d) Florida

Answers: 1) b, 2) c, 3) d, 4) a, 5) a

PSI Featured In Recent *Facilitator Magazine*

Piping Systems, Inc. was recently featured in Facilitator Magazine, where we discussed codes and guidelines. Here are excerpts of the article.

When consumers visit a restaurant, most, if not all, are more concerned with what types of food will be available, how long it will take to get their order and what they may be doing after their meal. For restaurant facility management professionals, the day-to-day machinations of how their facility is working to ensure a smooth operation, while staying within the local, state and federal guidelines, for restaurant management can be a daunting task.

Piping Systems, Inc. has been worked with restaurant facility managers and their staffs for years to help restaurants keep their operations moving at peak efficiencies. With services that include restaurant and industrial piping and plumbing, commercial boilers, restaurant and commercial boilers and fire protection systems experience, PSI is acutely aware of the work that restaurant facility managers must undertake to stay within compliance with codes and guidelines related to the restaurant industry.

Older restaurants are particular susceptible to issues related to plumbing, due to the age of the building and the possible condition of the plumbing systems in place, as well as existing HVAC units and fire protection systems. Many older restaurants can struggle with all of these areas related to facility management, especially if their kitchens have years of use related to grease buildups. The need for carbon dioxide monitors



to make sure the facility has systems that fall within codes and guideline requirements for not only removing carbon dioxide, but shut-off valves to ensure that piping can be shut down quickly if needed can also become an issue for a facility manager.

PSI offers tips for restaurant facility managers to help minimize problems with their facility. Making sure that main valves are clear in plumbing and piping will not only help keep everything

running smoothly, but will help with reduction in energy expenditures and compliance with codes and guidelines. For HVAC and fire protection of a restaurant facility, making sure that all maintenance has been completed by licensed technicians will help keep a restaurant facility within code, while checking filters, fire protection systems and even making sure that hedges and trees are planted away from the main facility will help minimize the opportunity for being out of code for fire protection, while also minimizing the risk of root intrusion in plumbing.

All in all, the best advice that PSI offers is to use common sense and follow the guidelines when it comes to staying within codes. "If you notice that you are having problems with the plumbing, with your fire protection or your HVAC system, call a professional to have them come out and inspect and repair before you incur a larger expense and lose money if you have to close down a restaurant to get yourself back up to code," notes Jason Taylor, PSI's Vice President of Operations. "Not only are you being proactive with your business, but you can also keep your staff protected as well."

You can read this article in its entirety on our website at <http://www.pipingsystemsinc.com/facilitator-magazine-byline-piping-systems-codes-guidelines/>



We're doing our part!



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