

# A.Y. McDonald

# CONNECTION



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## Connecting with You in the Digital World

by Scott Knapp



The word connection describes a relationship in which a person, thing, or idea is linked or associated with something else. At A.Y. McDonald, creating a relationship with our customers while they relate to us, our products, and our core values is what we strive for every single day. Knowing this, I'm excited to welcome you to the first edition of our new and improved digital newsletter, A.Y. McDonald Connection.

The launch of our original customer newsletter, Brass Banner, dates back to the year 2000. The new millennium brought with it an increase in customer appreciation and the desire to better connect with our water works clientele. Since then, the age of digital content has evolved, where communication has become more of a two way street.

While the core purpose of A.Y. McDonald Connection remains the same as the Brass Banner, the format and delivery of this newsletter is more in tune with the way people communicate today. The content is centered on what you want to know while being digitally driven, product driven, and industry-wide driven. In addition, the audience is inclusive of all industries A.Y. McDonald serves.

Our customer newsletter was created for you and so was the decision to revamp it. With 2016 marking the 160th anniversary of A.Y. McDonald, it's because of you that we are even here to celebrate this accomplishment today. That being said, please accept A.Y. McDonald Connection as one of the many ways we connect with you in the digital world. Because without you, there would be no us!

## Introducing the Innovation Center

The best ideas start out as only a thought but, through innovative practices, they can become reality. In the quest of maintaining our status as an industry leader and a thought leader in particular, A.Y. McDonald recently opened its doors to the new innovation department. Complete with the latest technology, expert feedback, and a team full of talented individuals, customers should prepare to be captivated by our ability to create long-term solutions like never before! <http://www.myaym.com/flooding-the-industry-with-innovation/>



## Come see us in person at an upcoming show

A.Y. McDonald may be coming to a town near you. Below is a list of upcoming conferences our experts will be attending from all over the country. Curious as to what's happening after the New Year? Visit the trade shows section of our website to view a frequently updated list of events. <http://www.aymcdonald.com/en-US/Events.html>

Caribbean WW Assn (CWWA) Expo - Port of Spain, Trinidad	10/23-28/16	AWWA Fall Conference - Orlando, FL	11/28-12/1/16
ILRWA North Conference - Rockford, IL	10/25-26/16	National Ground Water Association - Las Vegas, NV	12/6-8/16
American Society of Plumbing Engineers - Phoenix, AZ	10/31-11/1/16	IA Water Well Assn Conf - Des Moines, IA	1/26-27/17



## Industry News

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### No-Lead Legislation on the Horizon

The Flint Water Crisis is still fresh on people's minds. In order to diminish the growing conversation surrounding the topic, AWWA informs us that revisions to the Lead and Copper rule are under development. Familiarize yourself with the time frame and the recommendations being discussed. <http://www.awwa.org/legislation-regulation/regulations/contaminants/lead-copper.aspx>

## New Products

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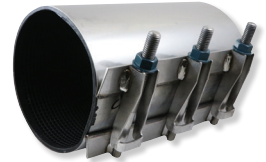


### Meter Couplings with Single & Dual Check Options

Incorporate proper back flow prevention into a service line with A.Y. McDonald's new standard length 5/8", 3/4", and 1" meter couplings offered with both single and dual check options. While ideal for retro fits and new installations, this unique product is positioned as a quick, easy, and economical solution while out in the field. <http://www.aymcdonald.com/en-US/No-lead-Straight-meter-couplings.html>

### TECK™ Stainless Steel Repair Clamps

Experience long lasting results and a custom solution out in the field with A.Y. McDonald's stainless steel TECK™ repair clamps. As a new addition to our water works product line, this product includes many desirable features such as a fully welded bar, roll plate, anti-gall nuts, and an NBR taper grid pattern gasket. Customers also have the option for a conductivity patch, along with AWWA or FNPT outlets. <https://www.youtube.com/watch?v=SMnXVxSp5k0>



### 710J34 - Meter Bushing & Adapters (3/4" to 1")

While new to the product line, have the ability to adapt a 3/4" meter to fit a 1" meter nut or setting with A.Y. McDonald's 710J34 meter adapters. <http://www.aymcdonald.com/en-US/No-lead-meter-setters-accessories.html>

### Handwheel Style Yoke Expanders Now with Lock and Check Valve Features

Customize the yoke box, long yoke box, "G" box, double "G" box, and iron yoke meter even further with an A.Y. McDonald yoke expander. Now available with lock and check valve features, this product can offer security and backflow protection. <http://www.aymcdonald.com/en-US/No-lead-Yoke-couplings.html>



## Blog

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### Beating Pipes at Their Own Game Features

There are well over one million miles of pipes running beneath our streets and the majority of them are approaching 'old age'. Help your city decipher the quality of your pipes by recognizing the multiple influencers for pipe corrosion. Find out more at <http://myaym.com/beating-pipes-at-their-own-game/>.



## Industry News

### Bringing Electricity to Rural Locations Through Water Pumps

Access to basic amenities such as reliable power supply still remains a challenge in many rural and remote areas of the world. However, through the help of a centrifugal pump, these areas may receive power with a cost effective and economic approach. <http://www.worldpumps.com/view/44674/bringing-electricity-to-rural-locations/>

## New Products

### Bottom Suction Pump

The new A.Y. McDonald bottom suction pump is a durable product that delivers high performance for clear water, gray water, or filtered effluent service operations. Its unique bottom suction design provides maximum drawdown without decreasing the pump's overall longevity. <http://www.aymcdonald.com/en-US/22000-series-thermoplastic-4inch.html>



### 100 PSIG Pressure Relief Valves

A.Y. McDonald is happy to announce the addition of the 100 PSIG pressure valves to our quality line of relief valves. The A.Y. McDonald relief valves are factory set to open at 30 PSIG on the 1/2" thru 2", 65 PSIG on the 1 1/4", 1 1/2", 2", 75 PSIG 1/2", 3/4", 1", and 100 PSIG 3/4", 1", 1 1/4". <http://www.aymcdonald.com/en-US/Pressure-relief-valve-8.html>

## Featured Products

### Guardian Pump

Through A.Y. McDonald's guardian pump's heavy-duty design, you can protect your property during power outages or sump pump failure. This pump is supplied with a single check valve for your convenience and can operate with a minimum incoming pressure of 29 PSI and maximum pressure of 90 PSI. <http://www.aymcdonald.com/en-US/Guardian.html>



## Blog

### Four Factors to Sizing a Pressure Tank

The size of a pressure tank can directly correlate to the life expectancy of the pump itself. In order to make the most of the product, one must take into account the main factors that determine the correct pressure size tank. Visit our blog at <http://myaym.com/four-factors-to-sizing-a-pressure-tank/> to learn what these four determining factors are.





## Industry News

### 2016 World Plumbing Conference

The annual World Plumbing Conference took place at the Cape Town International Conference Centre on the 15th and 16th of September, 2016. Plumbing experts from all over came together to discuss ways to do plumbing better while trading tips and tricks from out in the field. <http://www.plumbingperspective.com/2016-world-plumbing-conference/>

### NSF International and American Society of Plumbing Engineers Sign Agreement

This spring, plumbing experts and engineers teamed together to continue to promote safe drinking water development within the industry. This memorandum of understanding (MOU) allows the NSF International and ASPE to cooperatively leverage their resources to innovative practices. <http://www.reevesjournal.com/articles/88784-NSF>

## New Products

### Press Fit Ball Valve

Due to the success of press fit fittings, A.Y. McDonald has added the press fit ball valve option to our product line as well. While compatible with all press jaws in the market today, this ball valve contains a non-shock working pressure rating of 250 PSI. See for yourself how easily installed A.Y. McDonald Press Fit ball valves are while out in the field by having your pick of sizes ranging from 1/2" to 4". <http://www.aymcdonald.com/en-US/No-lead-full-port-ball-valves.html>

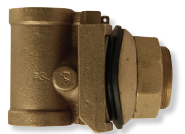


### Expansion Pex Products

A.Y. McDonald has expanded the product line of expansion pex products by adding expansion pex fittings with pex ends that conform to ATSM F1960. The expansion pex fittings include couplings, elbows, tees, caps, male/female threaded fittings, sweat adapter fittings and drop ear elbows. Other expansion pex products are ball valves, frost proof sillcocks, pressure reducing valves and chrome plated supply stops. <http://www.aymcdonald.com/en-US/No-lead-quarter-turn-supply-stops.html>

### Pitless Adapters

A.Y. McDonald has added Pitless adapters to our already extensive line of plumbing and pump products. The pitless adapter has a heavy duty design cast from no lead bronze material while the design allows for an easy installation. <http://www.aymcdonald.com/en-US/Bronze-Pitless-Adapters-Product.html>

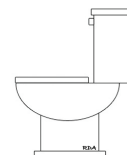


## Blog

### The Irony of 'Flushable' Wipes

Sewage companies have been working overtime the last few years, cursing the fact that the supposed 'flushable wipes' aren't actually flushable as advertised. Find out how municipalities are teaming up when it comes to proper labeling on these wipes by visiting <http://myaym.com/the-irony-of-flushable-wipes/>.

### IGNORE THE HYPE: DON'T FLUSH A WIPE!





**Industry News**

**Natural Gas Still Fuels Hope in Energy Industry**

Oil prices may be low but natural gas continues to thrive. However, gas pipeline owners and operators continue to rely on fixed, long-term contracts in order to be impacted less by day-to-day pricing. See how this method is working for them: <http://fuelfix.com/blog/2016/08/15/reporters-notebook-natural-gas-still-fuels-hope-in-energy-industry/>

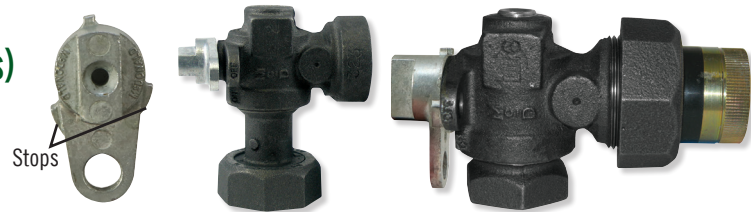
**Short-Term Energy Outlook**

The U.S. Energy Information Administration (EIA) has their own predictions for the outlook on natural gas usage in the year 2017. By following electric power, production, and even the price of the fuel, they are able to calculate consumption patterns for time to come. <https://www.eia.gov/forecasts/steo/report/natgas.cfm>

**New Products**

**Angled ball valve cap improvement (837,835, 857, 855 styles)**

In 2013, A.Y. McDonald modified the cap on our angled ball valves, adding a second stop. Testing showed that it increased the torque needed to break the stops by about 30%.



Recently, we made a similar modification by adding a stop opposite to the side of the cap which adds a third stop to the angled ball valves. Dimensionally, the third stop is very similar to the second stop as it increases the breaking torque in the opposite direction.

Previous to the modification, with increased torque an installer could inadvertently break the first stop and turn the valve past the optimal open or closed position (180 degree turn)—keeping the customer shut off from gas. With the additional stops, we have increased the torque needed to turn the valve too far, in both directions, allowing only a 1/4 turn to open and a 1/4 turn to close. This lessens the chance that an installer will mistakenly turn the valve the wrong way when attempting to open, or close, the valve. <http://www.aymcdonald.com/en-US/Meter-outlet-valves-with-a-by-pass-option.html>

**Blog**

**Shedding Some Light on ‘Light Size’ Meter Connections**

It takes the collaboration of many parts and pieces in order to provide the proper amount of natural gas to a structure. Between BTUs, inches of water column, and PSI, the terminology used in measuring high pressure gas parts really keeps the industry itself connected. When it comes to meter connections in particular, there’s one measurement that stands out from the rest and that’s ‘light size’. Find out where this concept came from and why it continues to be used today by visiting <http://myaym.com/shedding-some-light-on-light-size-meter-connections/>.

