



**A.Y. McDonald Mfg.**

**Natural Gas  
Meter Bypass  
Technologies**

October 08, 2020

# Welcome



Dubuque, IA



Albia, IA



Elizabethton, TN

# The Time Has Come For Operational Change



# Factors for Change



**Safety**

**Customer Experience**



**Operational Efficiencies**



# Choices are Available

- **Environmental Health & Safety**
  - Eliminates the need to enter a customer premises
    - Meets COVID 19 social distancing requirements for Customer Service technicians
  - Increased Safety of Utility Employees
    - Employee injuries climbing in attics, under homes
    - Employee injuries or sprains moving furniture or appliances
    - No threats of dog bites inside of homes
  - Increased Safety of Customers
    - Latch key / underage children home alone
    - High crime areas
    - Threat of violence or illegal activities inside the premise



# Choices are Available

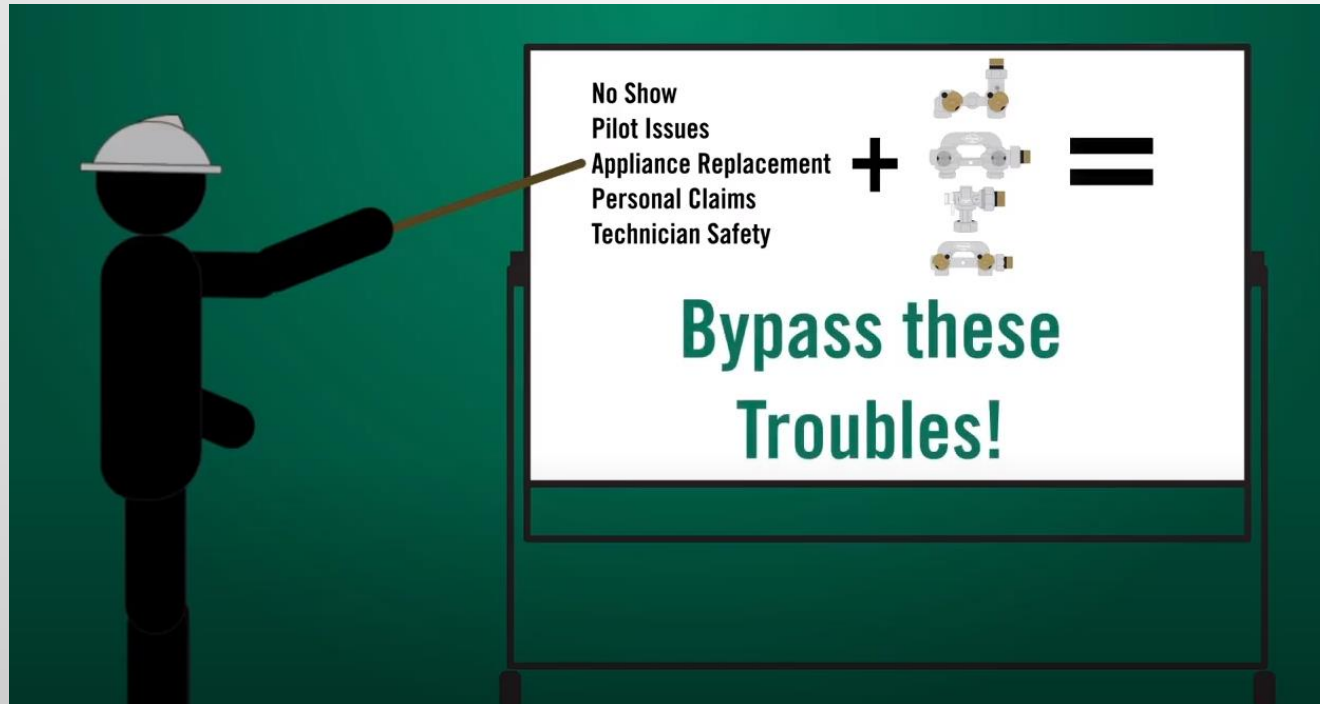
- Increased **Customer Satisfaction**
  - No need to schedule meter changes
  - No more missed appointments due to leak calls or FTE absence
  - No more customer not home (CGI's)
  - No more claims for damaged floors, ceilings, appliances
  - No more tracked soil inside of homes



# Choices are Available

- **Operational Efficiencies** using Bypass Technology
  - Requires Zero Entry in Premise(s)
  - Reduced employee absences due to injuries inside of home
  - Less Trips – Dry Runs – Missed Appointments
  - Less burden of customer scheduling
  - Less Homeowner Claims – Reduced Liability
    - Damaged Appliances & Replacement
    - Damaged Floors (from moving stoves, etc.)
    - Damaged Ceilings (from working in attacks)
    - Suggested theft from premise
    - Suggested inappropriate contact or gestures

# Bypass Technologies



<https://www.youtube.com/watch?v=w3AZM7FKtYQ&list=PLHco7Fjo9eAVUuCNsJ9lolOkeLbweVzgg&index=5>





# Bypass Technologies

## Residential & Multi-manifold Bars

- Allows for Meter Changes – requires no entry to premises
- Self contained system

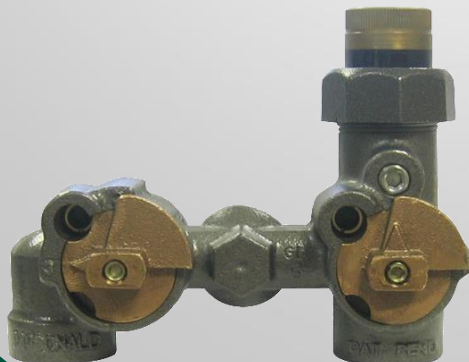
6410: Single Meter Residential



6480: Single Meter Commercial



6312: Multi-Meter Manifolds



6282: Multi-Meter Commercial



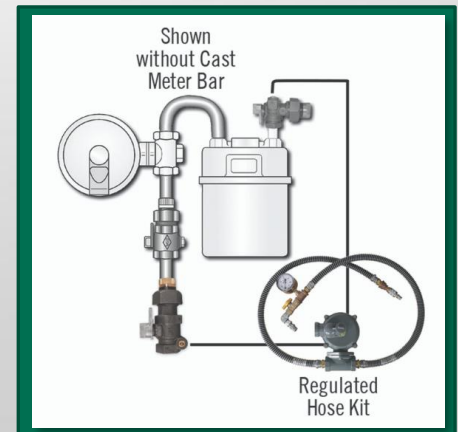
# Bypass Technologies

- Bypass Valves
  - Allows for Meter Changes and Component change out

- Angle Bypass Ball Valve



- Inline Bypass Ball Valve



# Bypass Technologies



- Portable Bypass Kit - PBK

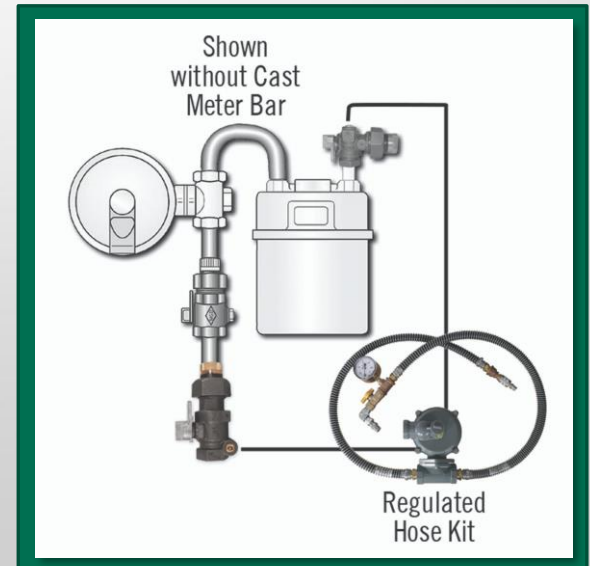
- Allows for the use of supplied/bottled gas

- Features and benefits:

- <https://www.youtube.com/watch?v=s3q1CEDvWg8&list=PLHco7Fjo9eAVUuCNsJ9lolOkeLbweVzgg&index=2>

- Regulated Hose Kit

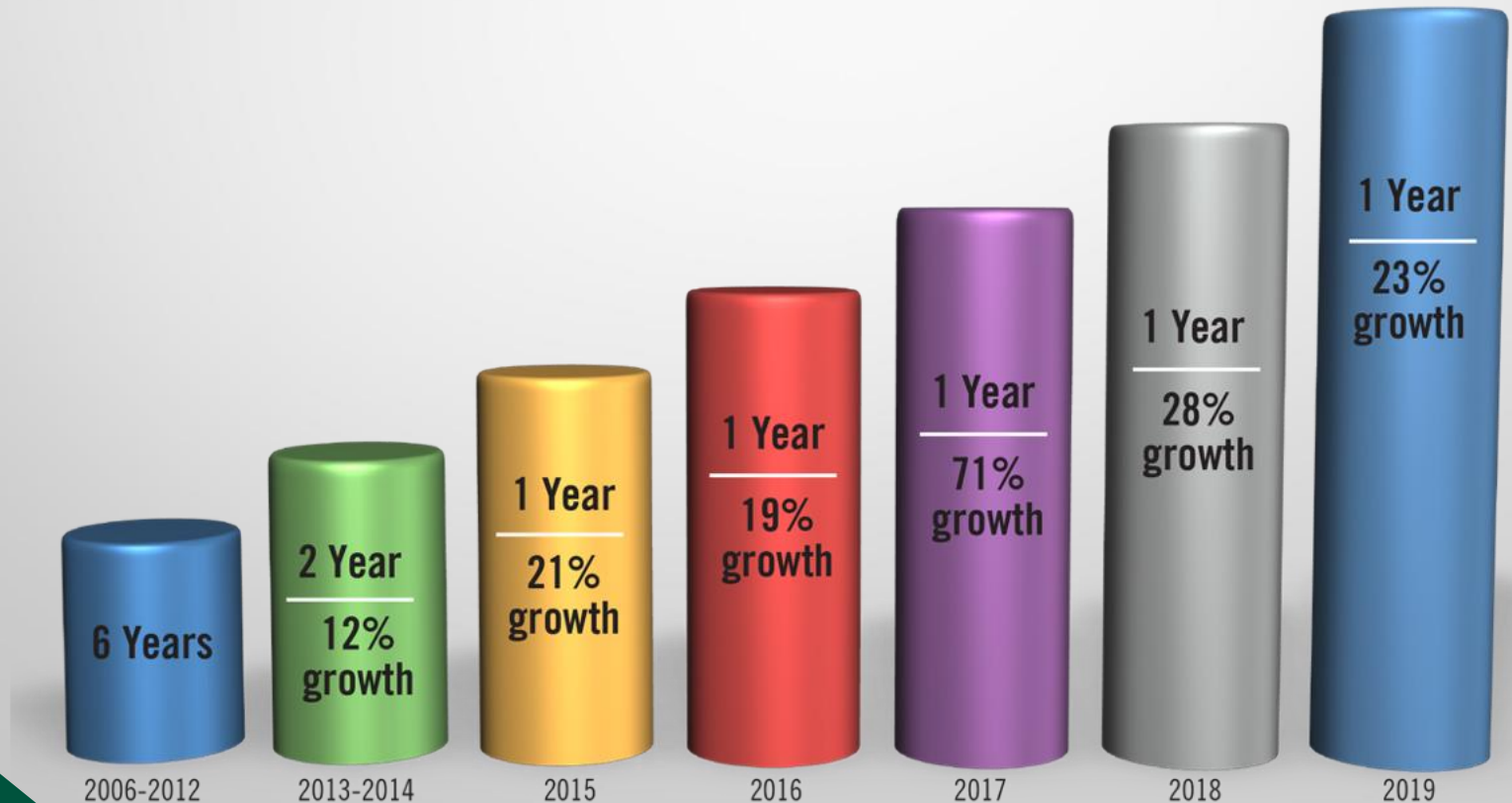
- Allows for bypass without the need for a tank/bottle, hops from riser valve to customer valve





# Bypass Technology

- History of Usage Growth





# Technical Training

- In-depth on-line (Zoom) training
- <https://www.youtube.com/watch?v=IUcKI5Q42k4&list=PLHco7Fjo9eAVUuCNsJ9lolOkeLbweVzgg&index=10>
- Live demonstrations with customers
- On hands training

# Bypass Technologies

- Meter Set Assemblies (MSA)
  - Allows for standardized, cleaner meter sets and less time at each premise



<https://www.youtube.com/watch?v=VgXz9mw6y64&list=PLHco7Fjo9eAVUuCNsJ9lolOkeLbweVzgg&index=1>

*Thank you for your continued support  
and business!*



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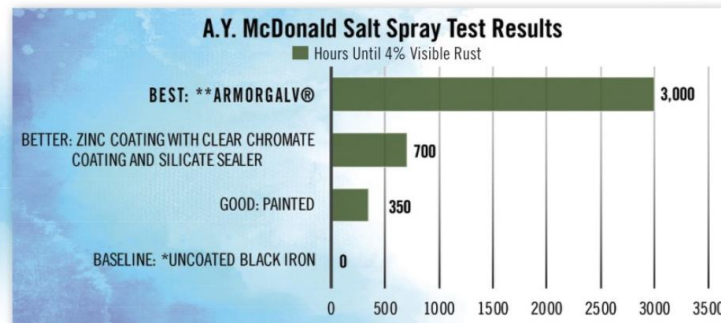
[AY McDonald Natural Gas Electronic Catalog](#)



# Stay Tuned for Future Webinars

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WENT FROM BETTER TO BEST**

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