

Gas Safety Training & Operator Qualification of Licensed Master Plumbers

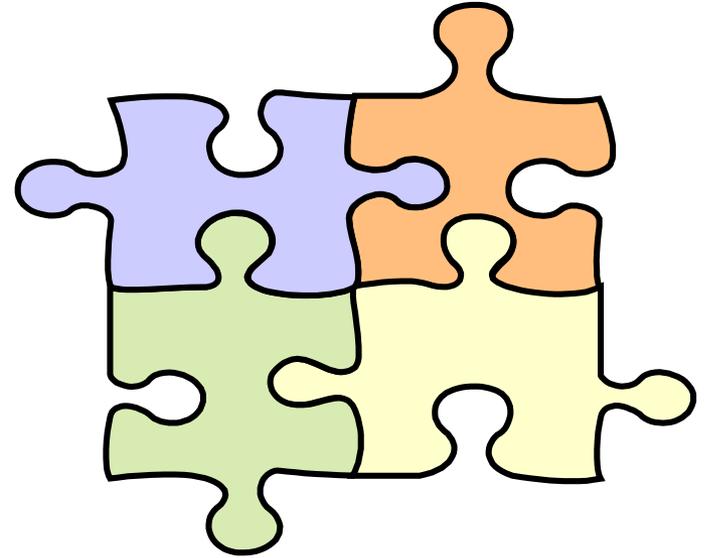
NGA Fall Operations Conference

October 18, 2019

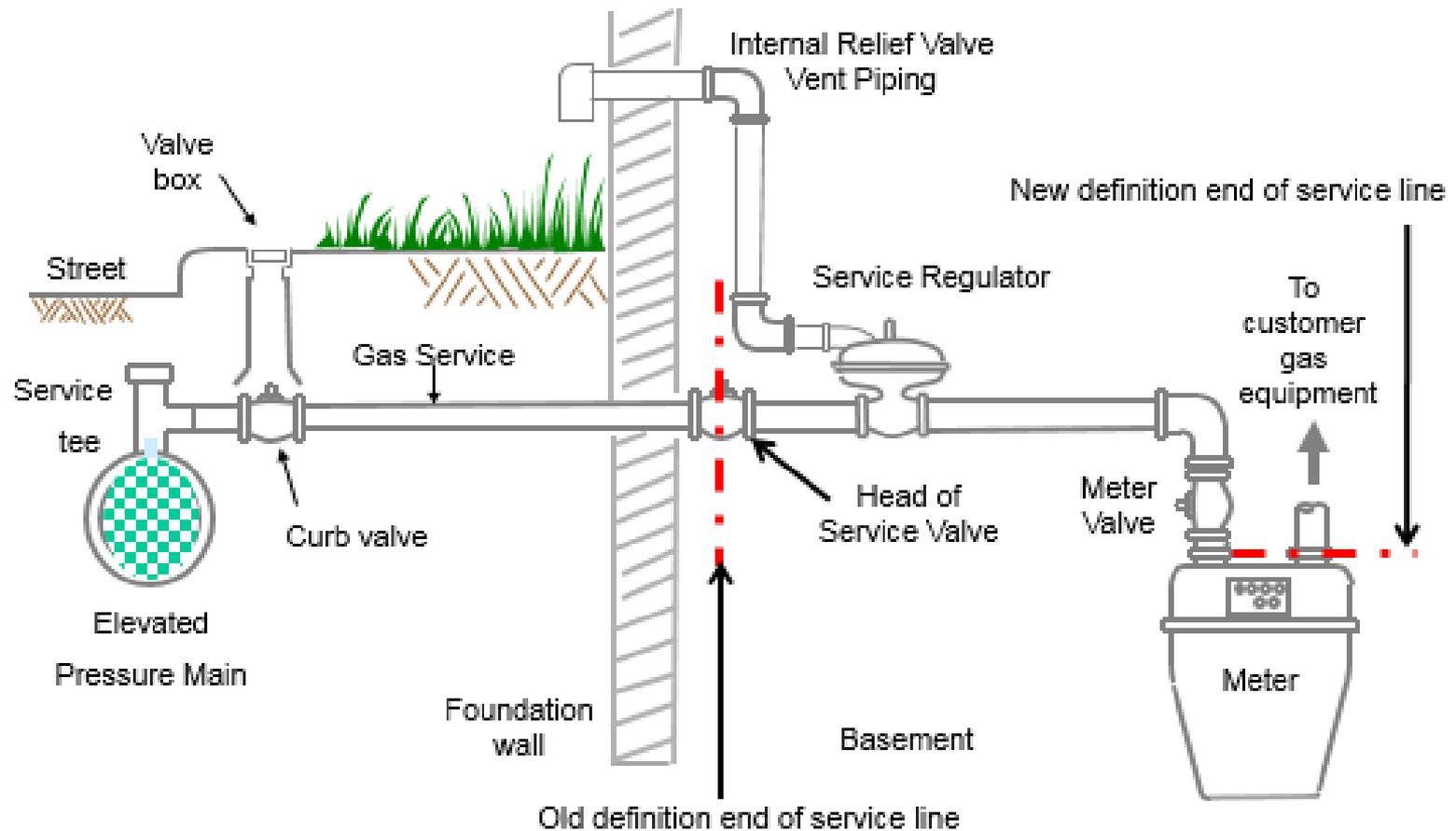
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Discussion Outline

- **Drivers**
 - Service Line Definition Change
 - NYC Local Law 152 of 2016
- **Collaborative Approach**
 - Training of Plumbers
 - Operator Qualification of Plumbers
 - Drug & Alcohol Program for Plumbers
 - Documentation - Inspection App for Plumbers
 - Combustible Gas Indicator – GMI PS200-LMP
- **Current Status**



Drivers - Service Line Definition Change



Drivers - NYC Local Law 152 of 2016

- **Amends administrative code of City of New York in relation to periodic inspections of gas piping systems**
- **Approved by Mayor in December of 2016**
- **Proposed implementation January 1, 2019**
- **Covers multi-family and commercial buildings**
- **Inspections to be performed in five year intervals**

Drivers - NYC Local Law 152 of 2016 (Cont'd)

- **Inspections must be conducted by Licensed Master Plumbers or their employees**
- **Requires inspection of visually accessible piping for atmospheric corrosion**
- **Requires testing for leakage**
- **Requires inspection for illegal connections and non-code compliant installation**

Collaborative Approach - Training of Plumbers

- **Full-day classroom training course developed by GTI in conjunction with NGA, Con Edison, and National Grid**
- **Contains 10 modules covering legal requirements, atmospheric corrosion inspections, leak checks, and inspections for substandard conditions (abnormal operating conditions).**
- **Knowledge checks throughout course**



Collaborative Approach – Operator Qualification of Plumbers

- **Two new “hybrid” Covered Tasks developed by NGA (86 & 87) specifically for licensed master plumbers**
- **Three individual written OQ tests required (several questions within each test need to be correctly answered to pass)**
- **Short practical test also required**



Collaborative Approach - Drug & Alcohol Program for Plumbers

- **Licensed Master Plumbers have hired a third party to manage their D&A program**
- **Plumbing Foundation of New York and Master Plumber's Council administer D&A program for their membership**
- **Meets requirements of 49 CFR Part 199**



Collaborative Approach – Documentation – Inspection App for Plumbers

- **Inspection application that can be used on a tablet or smart phone independently developed by Con Ed and Nat Grid for their individual service territories**
- **Results stored in the “cloud” and made available to each LDC**
- **An inspection completion confirmation will be sent to the NYC Department of Buildings**



Collaborative Approach – Combustible Gas Indicator – GMI PS200-LMP



- **Fit for purpose**
- **Small, lightweight, cost effective**
- **Measures gas in percent gas (alarms at 0.1%)**
- **Measures carbon monoxide in ppm (alarms at 35 ppm)**
- **Bluetooth capability for communication with Inspection App**

Current Status



- **Con Ed requires plumbers working on “jurisdictional” pipe to be OQ’d and D&A**
- **NYC LL152 falls under NYC DOB to promulgate rules and enforce**
- **Need DOB to finalize and implement the rules**
- **Work with various stakeholders to provide highest level of safety value to NYC residents and Coned ratepayers.**

THANK YOU!

Questions/Discussion

