

2022 YEAR IN A GLANCE

REGULATORY UPDATE

2022 Western Regional Gas Conference
August 24, 2022



Year in a Glance

Moving Congressional Mandates

- PIPES Act 2020
 - Gas Pipeline Leak Detection
 - Safety of Gas Distribution Pipelines
- Prior Mandates
 - Valve Installation and Rupture Detection

Continued focus on impact to health and environment

- Pending Rulemakings (as noted above)
- R&D for emerging fuels
- Ongoing work on position papers and public education

Increased transparency from PHMSA

- reporting to Congress



Valve Installation and Minimum Rupture Detection Standards

- Final Regulation [Published](#) April 8, 2022
- 180-days Effective Date. (1yr to meet requirements for new/fully replaced pipelines)
- Provides guidance on valve spacing, maintenance, and response time requirements for rupture mitigation valves (RMVs) or alternate technologies
- Generally applies to new or entirely replaced gas transmission & liquid pipelines 6" or greater.
- Addresses 2011 Congressional Mandate
- Considerations for the installation of RMVs already exists 192.935
- Study of ASV/RCV is also included in the PIPES Act (2020)

Valve Installation and Minimum Rupture Detection Standards

Key takeaways:

- (1) Defines “notification of potential rupture”;
- (2) Establishing written procedures for identifying and responding to a rupture;
- (3) Shut off gas flow or isolate segment as soon as practicable, but no more than 30 minutes after rupture identification;
- (4) Post-event reviews of any incidents/accidents involving RMVs or alternative equivalent technologies;
- (5) Requirements for performing maintenance on RMVs and alternative equivalent technology, which includes drills for alternative equivalent technology that is manually or locally operated; and
- (6) Remediation measures for repair or replacement of inoperable RMVs and alternative equivalent technologies.

Transmission and Gas Gathering Lines Rulemaking

- 2 of 3 rulemakings have been published
 - [Transmission Rule Pt 1](#)
 - [Gas Gathering Lines Rule](#)
- Final Regulations published TODAY!
 - Management of Change
 - Risk Modeling Requirements
 - Repair Criteria Outside HCAs
 - Internal and External Corrosion Control
 - General and Corrosion P&M Measures

Transmission and Gas Gathering Lines Rulemaking

[AGA Webinar Series](#) [REGISTER HERE](#)

Wednesday, August 31, 2022

Presentation from PHMSA on the Final Rule

AGA Overview

Discussion on the definition of Transmission Line and Distribution Center

Friday, September 2, 2022

Data Gathering and integration

Wednesday, September 7, 2022

Repair/Remediation

Friday, September 9, 2022

Changes impacting how operators manage corrosion


Management of Change

(2) [AGA Fall Meetings](#) [REGISTER HERE](#)

New focus to also consider impact to not only public safety but **environmental safety.**

Self Executing Mandate: Show extent to which inspection and maintenance plans address how operators:

- eliminate hazardous leaks
- minimizing releases;
- protect the environment;
- Are replacing/remediating pipelines that are known to leak based on the material design, or past operating and maintenance history of the pipeline.

 **New Paper: Considerations for Eliminating Hazardous Leaks and Minimizing Releases of Natural Gas**

PHMSA new regulation: Minimum performance standards for LDAR programs that reflect capabilities of commercially available advanced technologies. **(18 mo report to Congress)**

Require programs to identify, locate & categorize all leaks which are "hazardous to human safety or the environment" or "have the potential to become explosive or otherwise hazardous to human safety



Supplemental Information

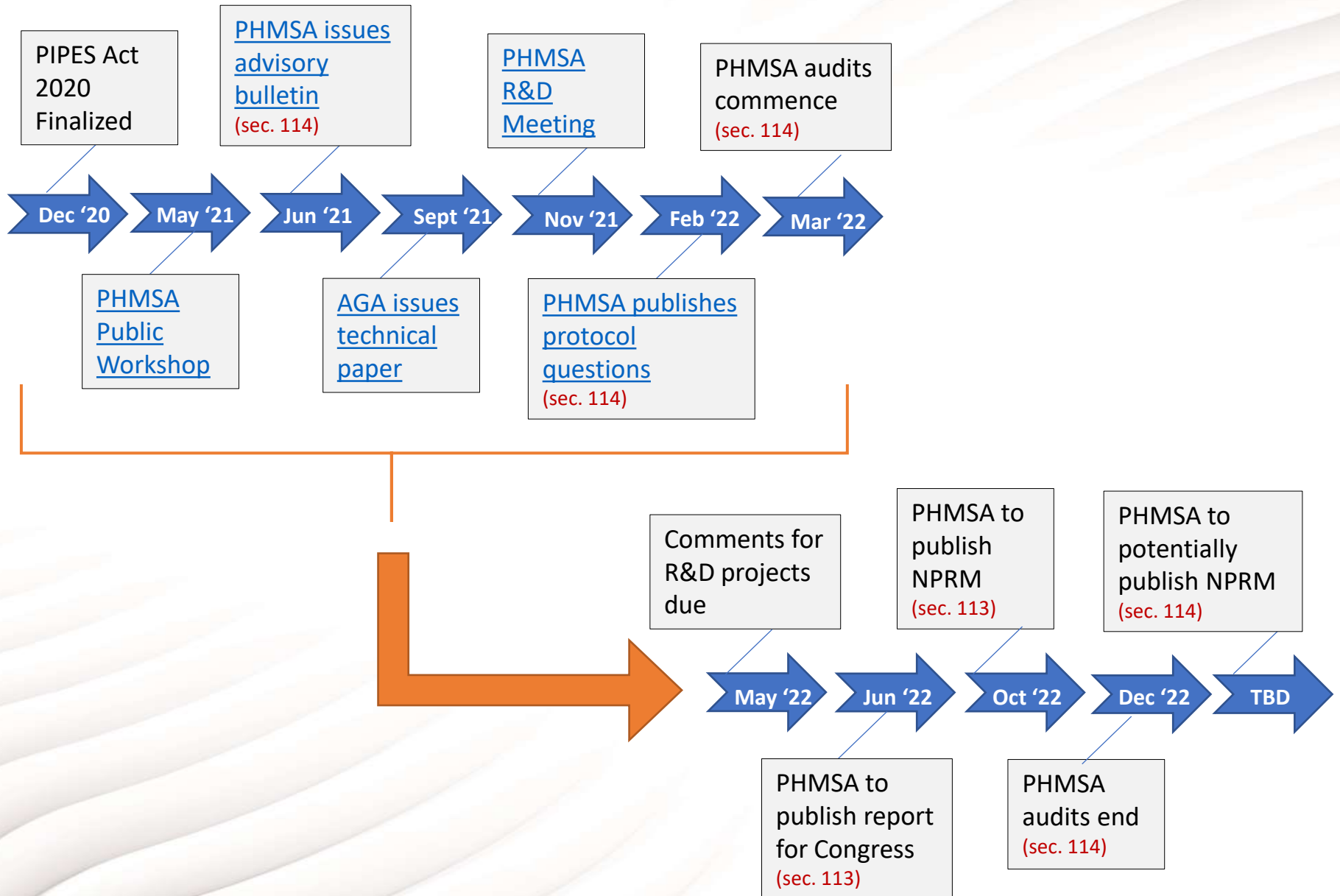


AGA Blowdown Emissions Reduction White Paper



AGA Climate Change Position Statement

Gas Pipeline Leak Detection



New Rulemakings

Safety of Gas Distribution Pipelines Rulemaking

- Regulations to eliminate common eliminate common mode of failure (distribution regulator stations).
- Review updated DIMP, Emergency Response Procedures, O&M Plans for adequacy
- Develop new regulations for identifying and managing TRACEABLE, RELIABLE AND COMPLETE records (*Only records critical to ensure proper pressure controls for distribution*)
- Update requirements for emergency response with 1st responders/ public officials

Coordinate with States to review adequacy of PSMS Implementation

Considerations for Operators

- Looking at district regulator stations to eliminate common mode of failure
- Updating DIMP, Emergency Response and O&M Plans
- Additional personnel for monitoring gas pressure during construction activities
- availability of documentation for personnel performing or overseeing relevant work
- Continue to implement PSMS

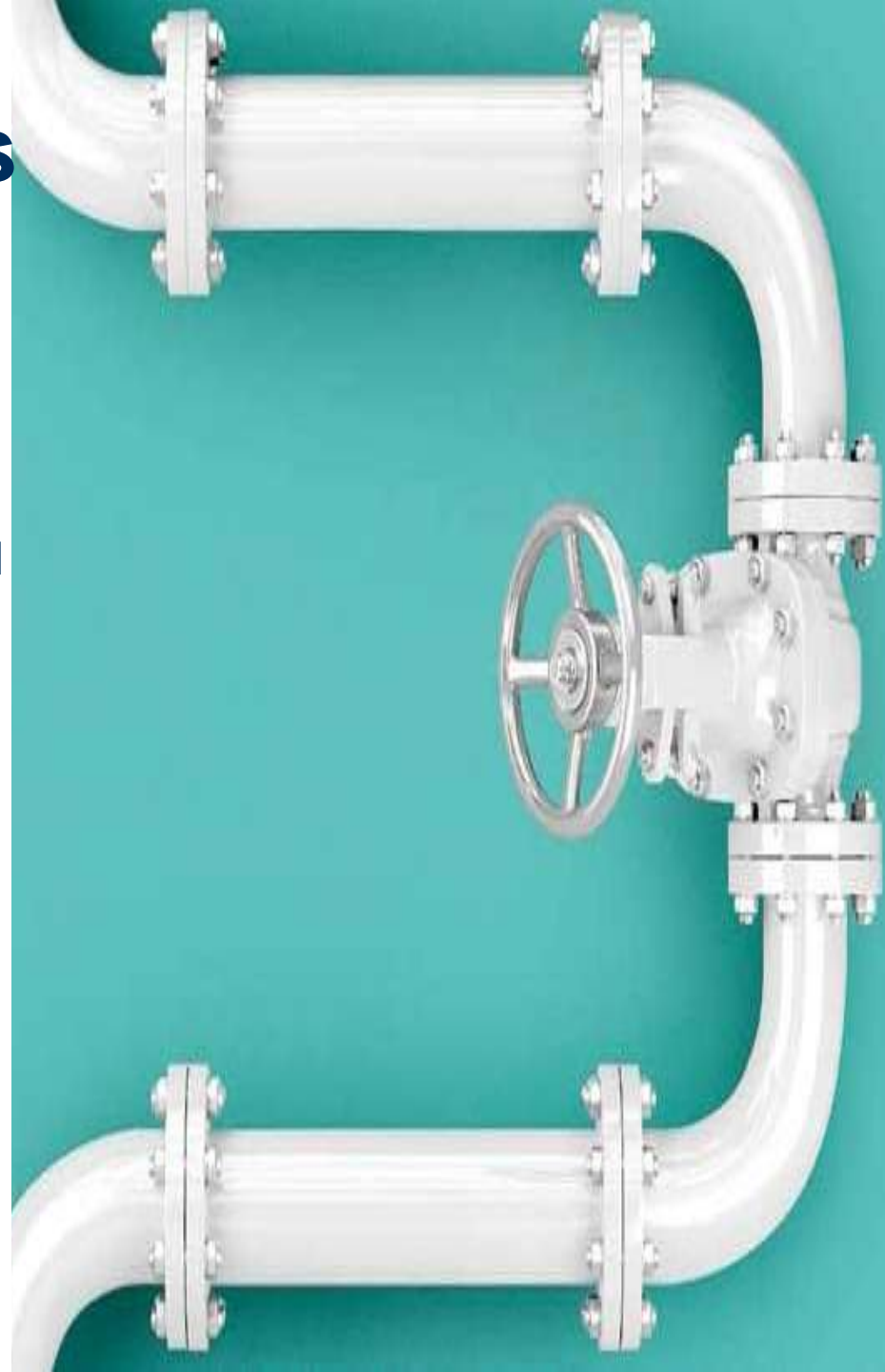
Other AGA Initiatives

Understanding Our Role in A Clean Future:

- [Climate Change Position Statement](#)
- [Net Zero Study](#)
- Understanding impact to operations and how to **SAFELY** integrate renewables
- Environmental Justice
- Understanding how to leverage R&D

Pipeline Safety Management Systems:

- Operational Risk Data Committee
- Voluntary Reporting
- Annual Survey
- Industry working group





 [TrueBlueNaturalGas.org](https://www.truebluenaturalgas.org)

 [AGA_naturalgas](https://twitter.com/AGA_naturalgas)

 [naturalgas](https://www.facebook.com/naturalgas)

 [aga_natgas](https://www.instagram.com/aga_natgas)

The American Gas Association, founded in 1918, represents more than 200 local energy companies that deliver clean natural gas throughout the United States. There are more than 76 million residential, commercial and industrial natural gas customers in the U.S., of which 95 percent — more than 72 million customers — receive their gas from AGA members. Today, natural gas meets more than 30 percent of the United States' energy needs.

www.aga.org