



NAPSR – National
Association of
Pipeline Safety
Representatives

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NAPSR Chairman

NAPSR

- Established in December 1982
- Comprised of State Pipeline Representatives from each state pipeline safety agency and organized into 5 regions
- 5 NAPSR Regions are currently aligned and consistent with PHMSA Regions
- Hawaii and Alaska are not NAPSR member states since there is no state program and PHMSA is responsible for the intrastate pipelines in each
- Represent 75% of the state and federal inspection workforce
- Website – NAPSR.org

NAPSR Mission:

- Strengthen pipeline safety programs by improving pipeline safety standards, and promoting education, training, and the integration of new technology.

State Leak Detection Regulations

Approximately ½ of the states have additional regulations above federal regulations.

Include:

- Require leak classification and action criteria
- Repair timeframe
- Enhanced/more frequent reporting of leak status to regulatory agency
- Specify equipment used for detection
- Define “hazardous leak”
- Response time criteria for gas odor complaints
- More frequent leak surveys
- Extended record retention
- Definition for business district
- Public awareness efforts
- Mandatory replacement projects

More Frequent Leak Surveys

- General system
- Material specific areas
 - Bare Steel
 - Unprotected Steel
 - Cast Iron
 - Copper
 - Aldyl-A
 - PVC
- Location specific areas
 - High Occupancy Building
 - Public Buildings
 - Theaters/arenas
 - Hospitals
 - Schools
 - Bridges/areas of movement
- Condition specific areas
 - Frost (cast iron)
 - High pressure systems (>250 psig)
 - High heat regions (Drisco8000 HDPE)
 - Unodorized lines

Hazardous Leak Definition

- Currently only defined DIMP section of federal code.
- GPTC – Guide Material Appendix G-192-11 & Guide Material Appendix G192-11A
- A “hazardous leak” means a leak that represents an existing or probable hazard to persons or property and requires immediate repair or continuous action until the conditions are no longer hazardous.

Barriers to Advanced Leak Detection

- Cost
- Training
- Performance of technology in the field
- Lack of data on results
- Lack of experience
- Effectiveness
- Regulations/Uniform Enforcement
- High number of excavation damages

Advanced Leak Detection Programs

- Currently Being Used
 - Picaro System
 - Drones

PIPES Act of 2020

- NAPSR generally supports any regulations that can potentially increase pipeline safety.
- NAPSR generally supports Best Practices associated with improved leak detection and repair.

Questions or
Comments?



Thank You!

