



INSPECTOR TRAINING

2026 PAPUC SAFETY CONFERENCE

Panel Members

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PA PUC Inspectors

- Category I inspector requirements
- Engineering Degree Required
 - Any engineering discipline
- Experience
 - Minimum of 3 years experience as a gas or liquid operator or 3 years of experience in the enforcement of Pipeline Safety Regulations
- Completion of all Gas or Liquid Inspector core classes

Training

- Orientation
- Online Modules
- On the Job (OJT) Training
- PHMSA Training & Qualifications (TQ)
- Operator Assisted Training
- PHMSA-led Inspections
- Additional Training Courses



Orientation

- General introduction to PUC operations
- SAP My Learning Modules
- Industry standards
- Code Requirements
 - 49 CFR 192
 - 52 PA Code 59
- Learn where to find resources



Online Modules

- Web Based Training (WBTs)
- Energy World Net (EWN)
- Best Practices Webinar Series for LNG Safety
- GTI Energy Training



On the Job Training

- Shadow experienced inspectors and supervisors for the first year
- Exposure to different types of field and records inspections
- Scheduling and planning
- Review historical findings



A close-up photograph of several large, dark-colored pipes stacked together. Yellow caution tape is wrapped around the pipes, with the word 'CAUTION' printed repeatedly in red. The pipes are arranged in a way that shows their circular ends and the texture of the tape.

On the Job Training

- Ask questions to experienced and knowledgeable operators
- Understand operator procedures
- Observe field activities
- Safety partnership

PHMSA Training & Qualifications

- Hosted at PHMSA TQ Headquarters in Oklahoma City
- Additional classes in Tulsa, OK and Athens, AL
- Typically a week-long course
- Combination of classroom sessions, practical exercises, lab/hands-on work
- Final exam after each course



PHMSA TQ Intro Courses

- PL1250 Safety Evaluation of Gas Pipeline Systems Course
 - 25% failure rate nation-wide
- PL2258 Safety Evaluation of Hazardous Liquid Pipeline Systems Course
- PL3256 Failure Investigation Pipeline Failure Investigation Techniques
- PH3275 General Safety Awareness for Inspectors and Investigator (HAZWOPER)

PHMSA TQ Lab Courses

- PL1255 Gas Pressure Regulation and Overpressure Protection
- PL1310 Plastic and Composite Materials
- PL3242 Welding and Welding Inspection of Pipeline Materials
- PL3293 Corrosion Control of Pipeline Systems
- PL3306 External Corrosion Direct Assessment
- PL3600 Root Cause Analysis



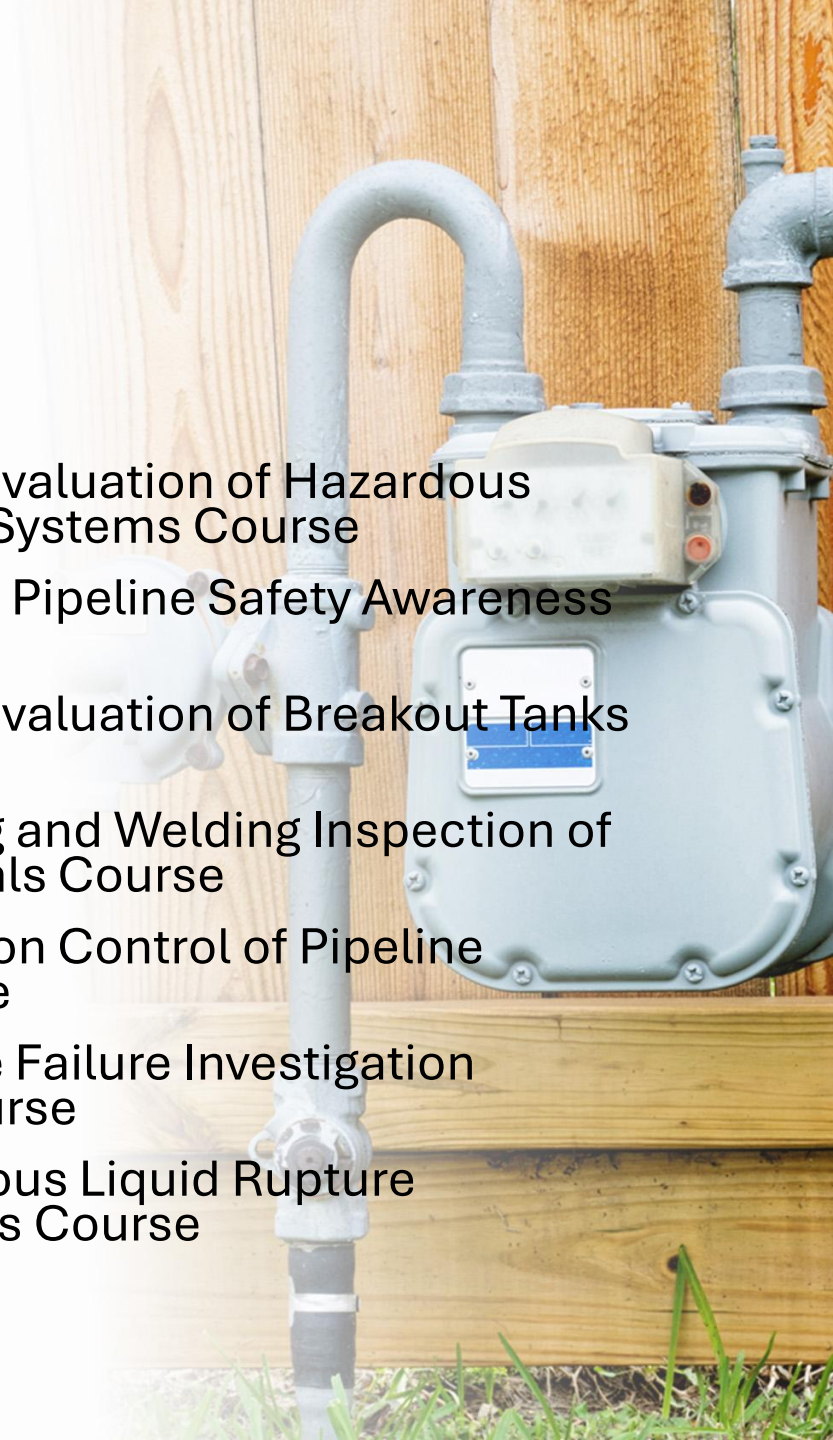
PHMSA Qualifications

- **Gas Core**

- PL1250 Safety Evaluation of Gas Pipeline Systems Course
- PL1255 Gas Pressure Regulation and Overpressure Protection Course
- PL1310 Plastic and Composite Materials Course
- PL3242 Welding and Welding Inspection of Pipeline Materials Course
- PL3293 Corrosion Control of Pipeline Systems Course
- PL3256 Pipeline Failure Investigation Techniques Course
- PL1265 Gas Rupture Mitigation Valves Course

- **Liquid Core**

- PL2258 Safety Evaluation of Hazardous Liquid Pipeline Systems Course
- PL3275 General Pipeline Safety Awareness Course
- PL2288 Safety Evaluation of Breakout Tanks Course
- PL3242 Welding and Welding Inspection of Pipeline Materials Course
- PL3293 Corrosion Control of Pipeline Systems Course
- PL3256 Pipeline Failure Investigation Techniques Course
- PL2266 Hazardous Liquid Rupture Mitigation Valves Course



PHMSA Qualifications

- **Gas IM**

- PL3267-DL Fundamentals of Integrity Management
- PL3306 External Corrosion Direct Assessment (ECDA) Field Course
- PL3292 Safety Evaluation of Inline Inspection (ILI)/Pigging Programs Course
- PL1297 Gas Integrity Management (IM) Protocol Course

- **Liquid IM**

- PL3267-DL Fundamentals of Integrity Management
- PL3306 External Corrosion Direct Assessment (ECDA) Field Course
- PL3292 Safety Evaluation of Inline Inspection (ILI)/Pigging Programs Course
- PL2294 Safety Evaluation of Hazardous Liquid Pipeline (IM) Programs

Operator Assisted Training

- Plastic Qualifications
- Welding Qualifications
- Training Facilities
- Mock Regulator Stations
- Confined Space Training



A close-up photograph of a gas stove burner with a blue flame. The burner is black and metallic, and the flame is bright blue and steady. The background is slightly blurred, showing other parts of the stove.

PHMSA Led Inspections

- Control Room Management
- Underground Natural Gas Storage
- Breakout Tank
- Hazardous Liquid Incident Investigation

Additional Training Courses

- Appalachian Underground Corrosion Short Course
- Appalachian Gas Measurement Short Course
- Liberty Bell Corrosion Course





Conclusion

- Inspectors need to understand all aspects of pipeline system operations and maintenance
- We may never have as much knowledge as a technician who specializes in a specific subject matter
- Operator cooperation plays a role in our training
- Thank you for your support as we train new staff members