Integrity Management for Gas Transmission Pipelines

*Safely Managing the Lifecycle of Pipelines*

June 5-7, 2012

Houston, TX

Please take the brief survey to indicate your interest in attending this workshop. This does not enroll you in the workshop, but does allow SGA to gauge member interest and plan accordingly.

Hotel arrangements

The closest hotel is:

Hyatt Regency Houston
1200 Louisiana Street
Houston, TX 77002 US
Hotel Phone Number: 800-223-1234

SGA has a rate of $150 established at the Hyatt. Please request this Southern Gas Association rate when making your hotel reservations.

Scope

This workshop is brought to you by SGA and P-PIC. This workshop goes beyond understanding U.S. PHMSA IMP regulations and ASME B31.8S, Managing the Integrity of Gas Pipelines, and focuses on the future of IMP. Workshop instructors will provide an overview of IMP basics as well as regulatory requirements and processes. Instructors will then look specifically at the impact of IMP regulations that are on the horizon. This workshop also includes an interactive discussion centered around learning from past history and looking beyond.

Topics

- Introduction to Integrity Management
- PHMSA IMP Regulations
- IMP Process Risk Analysis
- IMP Process – Data Gathering & Risk Assessment
- Integrity Assessment Methods
- Responses to Integrity Assessments
- Prevention and Mitigation (Such as Corrosion Control)
- Responses Outside of HCAs
- Recent IMP Issues & Practices
- Putting All the IMP Pieces Together
- Future Expectations
New to the Workshop

- Interactive threats and consequences
- Verifying MAOP
- R&D for tools that verify MAOP
- ILI Research
- Industry trends for documentation
- Acceptable verifiables and records
- Reassessments and risk analysis trends
- Scenarios of low probability with high consequence
- Recommended best practices based on the 1st 10 years
- Regulatory focus on safety: people, property damage, and more
- Business consequences: leveraging risk management in the IMP context

Learning Objectives

- Understanding what constitutes an IMP Program and Plan
- How to perform risk analyses and their uses
- What data is necessary for an effective IMP, validation, and how to do data integration
- Learn the basics of the 3 major assessment techniques, ILI, DA & pressure test
- Learn how to plan effective ILI assessments and organize to prioritize the results
- Review the near term anticipated regulatory initiatives, actions and their impact on the industry and IMP programs inside and outside HCAs.

Who Should Attend

This workshop is intended for individuals who are familiar with integrity management programs. Recent hires and staff recently given IMP responsibilities are welcome to attend this workshop, but should have a basic understanding of integrity management programs. Operations and maintenance engineers, senior technicians and regulatory compliance personnel responsible for aspects of their company's transmission integrity management program will find this workshop informative.

Prior Knowledge Recommendation

Students should have a fundamental understanding of natural gas pipeline facilities, their design, construction, operation and maintenance. While instructors will provide a brief overview of IMP, it is recommended that students review the following materials to familiarize themselves with some of the key components of integrity management programs:

- The TIMP Rule (49CFR192 Part O)
- The PHMSA Protocols
- The TIMP FAQs

References

- Glossary
- Pipeline Library
- Damage Prevention
- TIMP Fundamentals
Instructors

- **Keith Leewis**, PhD PEng, P-PIC  
  Member of ASME B31.8 & B31.8S, & NACE 0502, 0102, 0204, 0206 Code Committees
- **Bernie Selig**, P-PIC  
  Co-technical editor of B31.8S, manager of B31Q drafting committee
- **Kent Muhlauer**, P.E., Managing Partner, WKM Consultancy LLC

Event Information

REGISTRATION

- Member: $1295 ($995 for second and subsequent registrations from the same company)
- Non-Member: $1495

ATTIRE

- Business casual

Questions

- For general questions, contact **Fraser Farmer**
- For registration and other assistance, contact **Member Services**

Past Events

Past event information may include presentations, documents, agendas, photos, or other information. Click on a link below to view more information for a particular event:

- [2010](#)
- [2009](#)