



THE INGAA FOUNDATION, INC.

The Washington Report & INGAA Foundation Update

**The Pipeliner's Association of Houston
January 4, 2016**

**Richard Hoffmann
Executive Director
The INGAA Foundation, Inc.**





- **INGAA: Natural gas pipeline operating companies—25 members**
- **INGAA Foundation: operating companies and companies that provide good and services to the natural gas pipelines-180 members**



INGAA Foundation

- Pulls together all sectors of interstate natural gas pipeline industry.
- Completed over 155 technical and policy studies since 1990
- Safety and Quality are job one



Foundation Mission & Vision

- Facilitates the **safe, efficient, reliable, and environmentally responsible** design, construction, operation and maintenance of the North American natural gas transmission system;
- **Advances the delivery of natural gas** for the benefit of the consuming public, the economy and the environment;
- A premier source of **trusted analysis**;
- The principal forum for **dialogue and collaboration**;
- The leader in **identifying and addressing issues of critical importance** to the North American natural gas transmission industry.



INGAA Foundation

Construction Quality Resources

Building Interstate
Natural Gas
Transmission
Pipelines: A
Primer

Overview of Construction
Quality Management
Systems

Pipeline Construction
Safety Guidelines

Practical Implementation
of Construction Quality
Management Systems

Lessons Learned
Repository

Line Pipe Quality Series

Specification and Purchase
Of Segmentable Induction
Bends and Elbows

Field Applied Coatings
Best Practices

Guidelines for Parallel
Construction of Pipelines

Guidelines for Natural Gas
Line Crossings

Guidelines for Pipeline
Construction During
Frozen Conditions

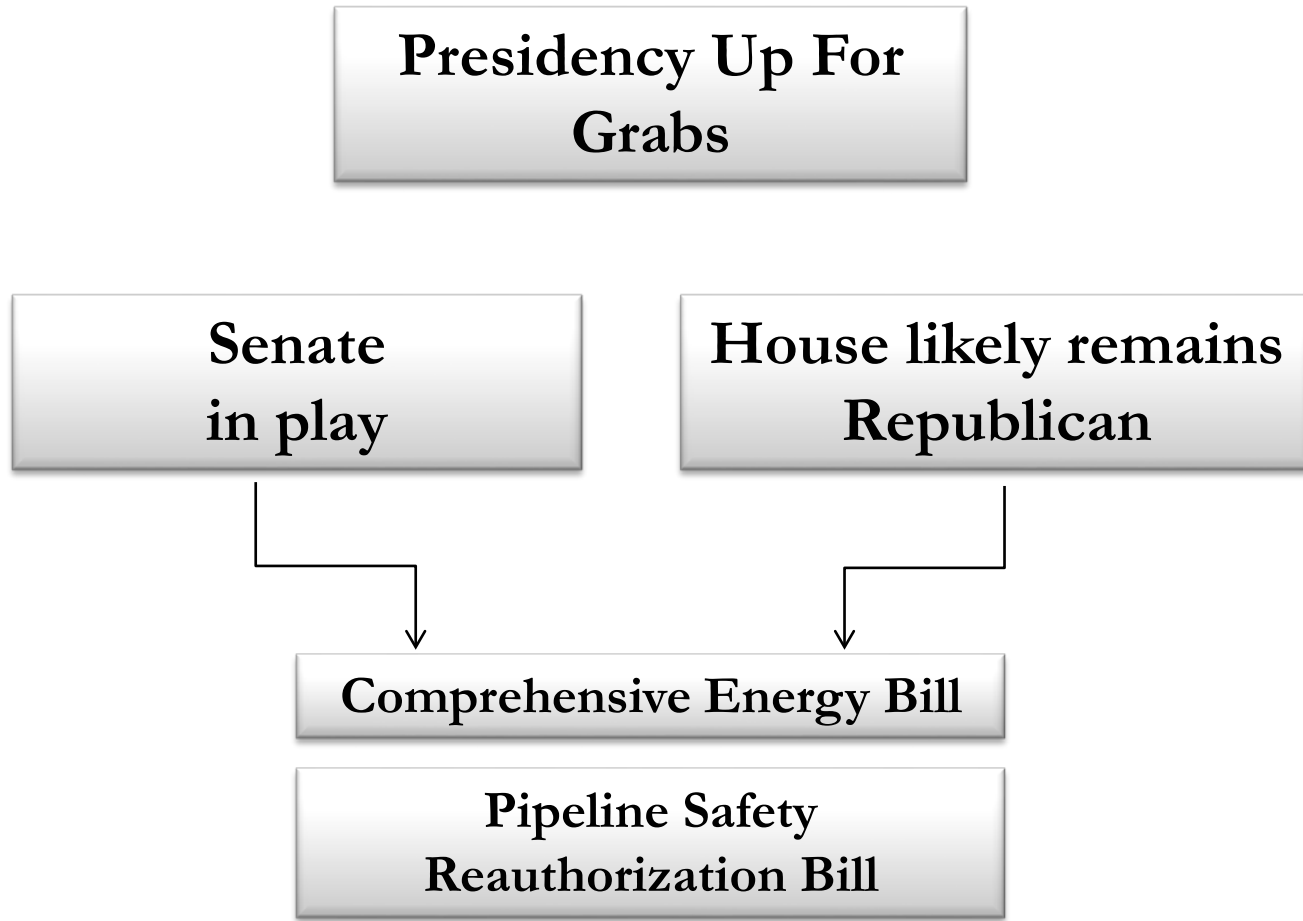
Best Practices in Applying
API 1104, Appendix A

Training Guidance For
Welding & Coating
Construction Workers and
Inspectors

Construction Inspector
Guidelines



Washington 2016 -- Update





PHMSA

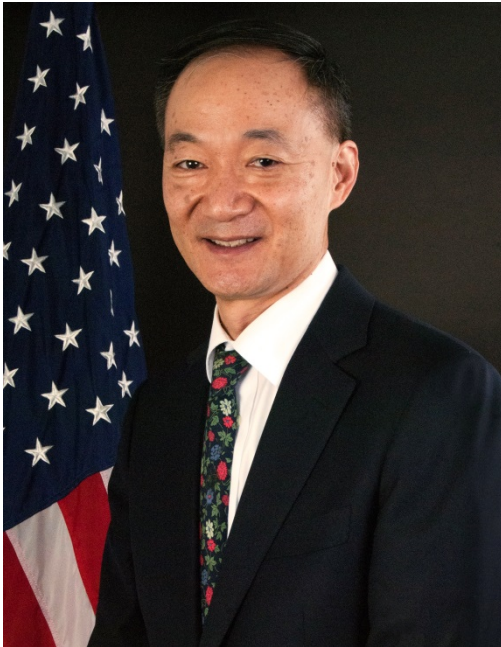


New PHMSA Administrator:
Marie Therese Dominguez

- New administrator (Aug 5)
- Current focus on getting rulemakings on 2011 act
- Liquid pipeline rule - October 1
- Natural gas proposed “mega-rule” anticipated soon:
 - Integrity verification (MAOP for pre-1970 pipe)
 - Expansion of IM
 - Gathering line regulation
- Gas rule not final until late 2016



FERC



FERC Commissioner:
Norman Bay

- New chairman; focus on basics
 - **Pipeline project approvals – unprecedented political/public pressure**
 - **Increasing focus on NEPA analysis** for new projects
 - Long-term INGAA goal:
 - Protecting FERC's statutory framework
-
- Moeller leaves = Republican vacancy



Obama Administration:

Climate as a Legacy



- **UN Climate Change Conference**
 - Paris, Nov 30 – Dec 11
- **Clean Power Plan**
 - Final Rule less favorable to natural gas than proposed rule
 - More assumed focus on renewables as solution
 - State Implementation, but EPA approval necessary



EPA

- **Methane**

- “Voluntary” Methane Challenge
 - Existing sources

- Proposed Quad-Oa Rule
 - New and Modified Sources

- **Interplay with PHMSA rules**
 - i.e., blowdowns

- **Ozone Rule**

- 70 ppm could have dramatic impact on compressor units





CEQ



Proposed Guidelines on NEPA Implementation

- Focus on Greenhouse Gas Emissions



OUR 2015 Published Reports

1. Guidance Document for Onshore Pipeline Route Selection & Data - Construction Efficiency & Risk Reduction
2. **Integrating Culture and Leadership: Making Safety Personal**
3. A Comparative Analysis of Natural Gas T&S Methane Emission Studies
4. HD Construction Video Project
5. **Criteria for Pipelines Co-Existing with Electric Power Lines**
6. **Launch of the Strategic Communications Campaign: Support for Pipelines**
7. Strategic Communications Campaign for Excavators and Farmers



Reports Near Completion

- **Land Movement Mitigation**
- **Pipeline Impact on Property Value and Insurability**



North American Midstream Infrastructure through 2035: Capitalizing on Our Energy Abundance

North America Midstream
Infrastructure through 2035:
Capitalizing on Our Energy
Abundance



The INGAA Foundation, Inc.

Update Coming in 2016

Topics to be included:

- Low oil price impact
- State-by-state breakdown

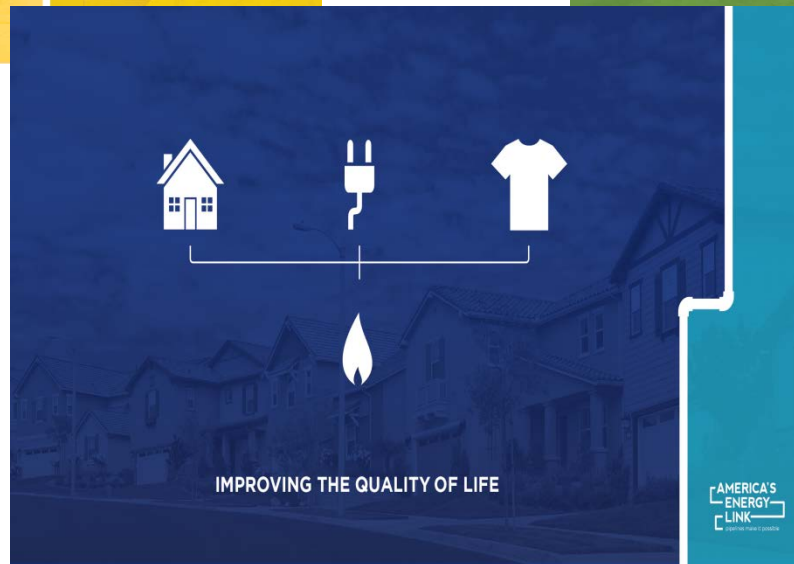
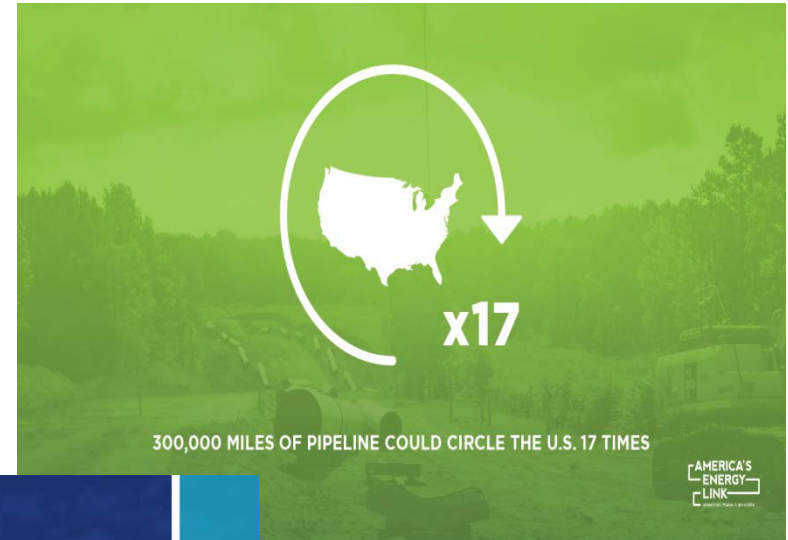


America's Energy Link



<https://www.ingaa.org/EnergyLink>

Infographics/ Shared Facts



How to Join the Effort

Email Updates

The screenshot shows a green-themed sign-up form titled "GET UPDATES". Below the title, it says "Sign up to receive America's Energy Link campaign updates and additional education about the natural gas pipeline industry." The form includes four input fields: "FIRST NAME", "LAST NAME", "EMAIL", and "ZIP". Below these is a CAPTCHA section with a small image of a building, a refresh button, and a text input field labeled "Type the text". A green "SIGN-UP" button is at the bottom. On the right side of the form, there is a vertical green bar with the text "E-MAIL SIGNUP" and a downward arrow.

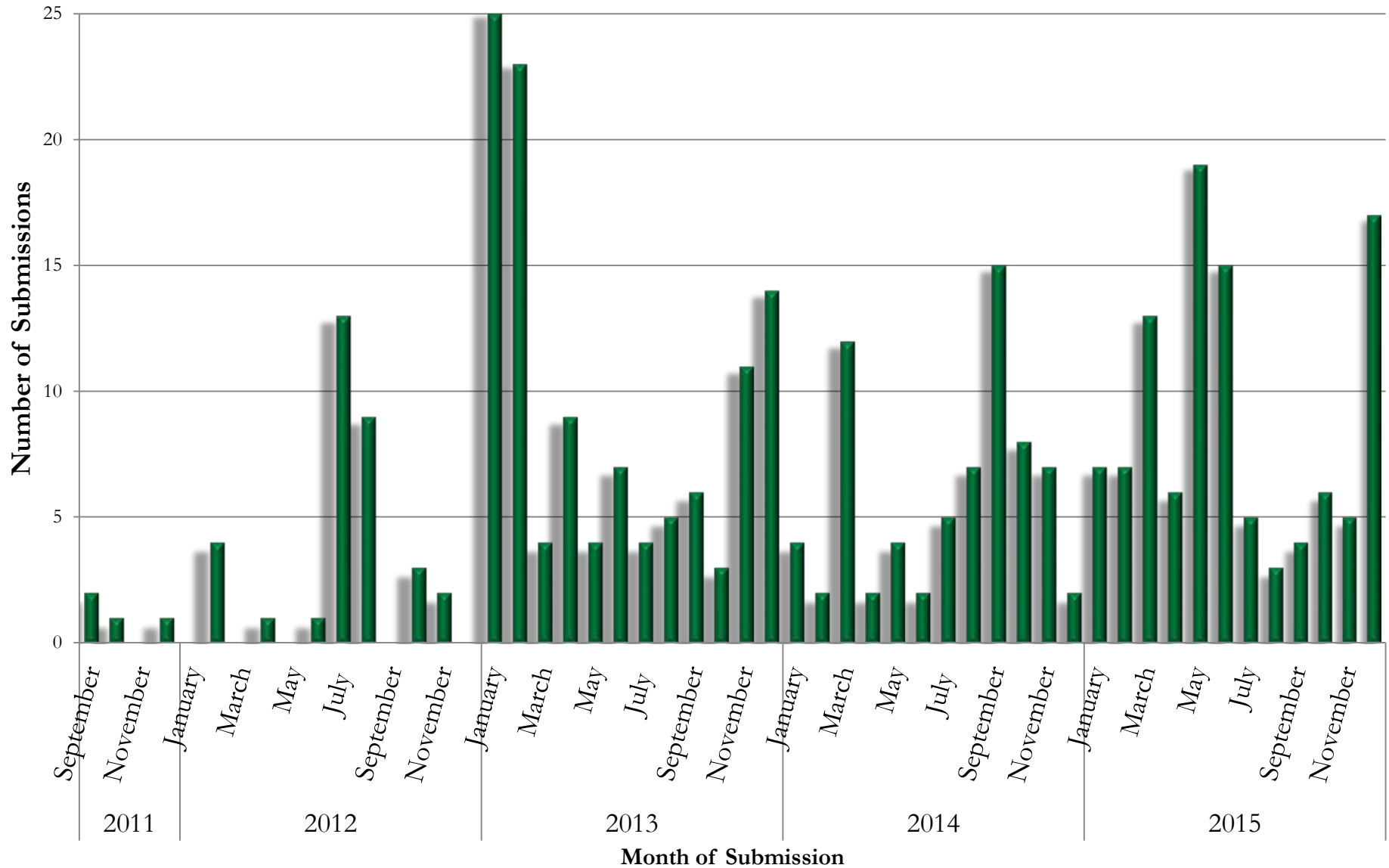
- www.ingaa.org
- Sign up on the left hand side of the page with “Email Sign-Up” tab.
- Receive and share materials!



THE INGAA FOUNDATION, INC.

Lessons Learned Repository

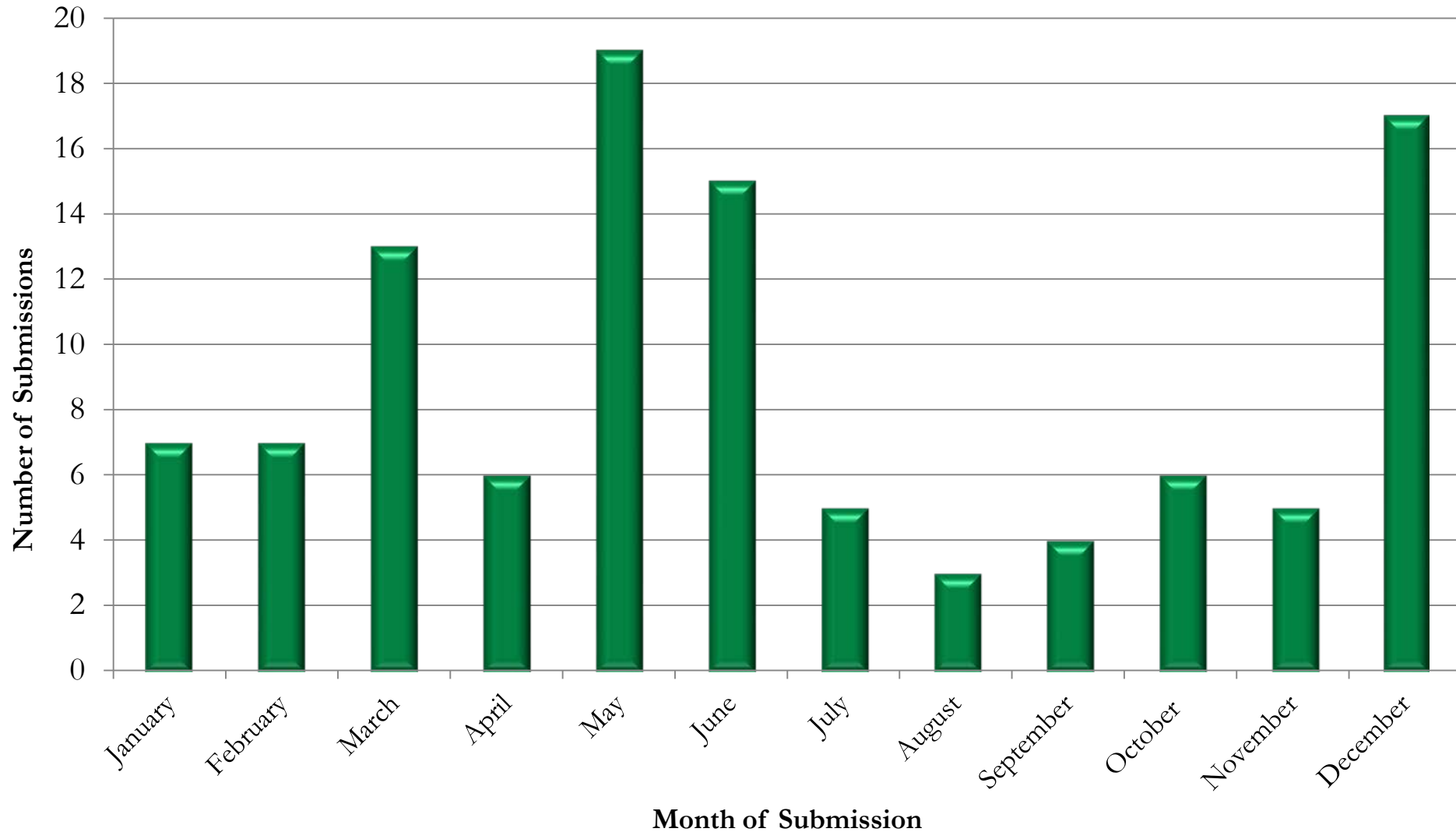
LLR Submissions by Month





Lessons Learned Repository in 2015

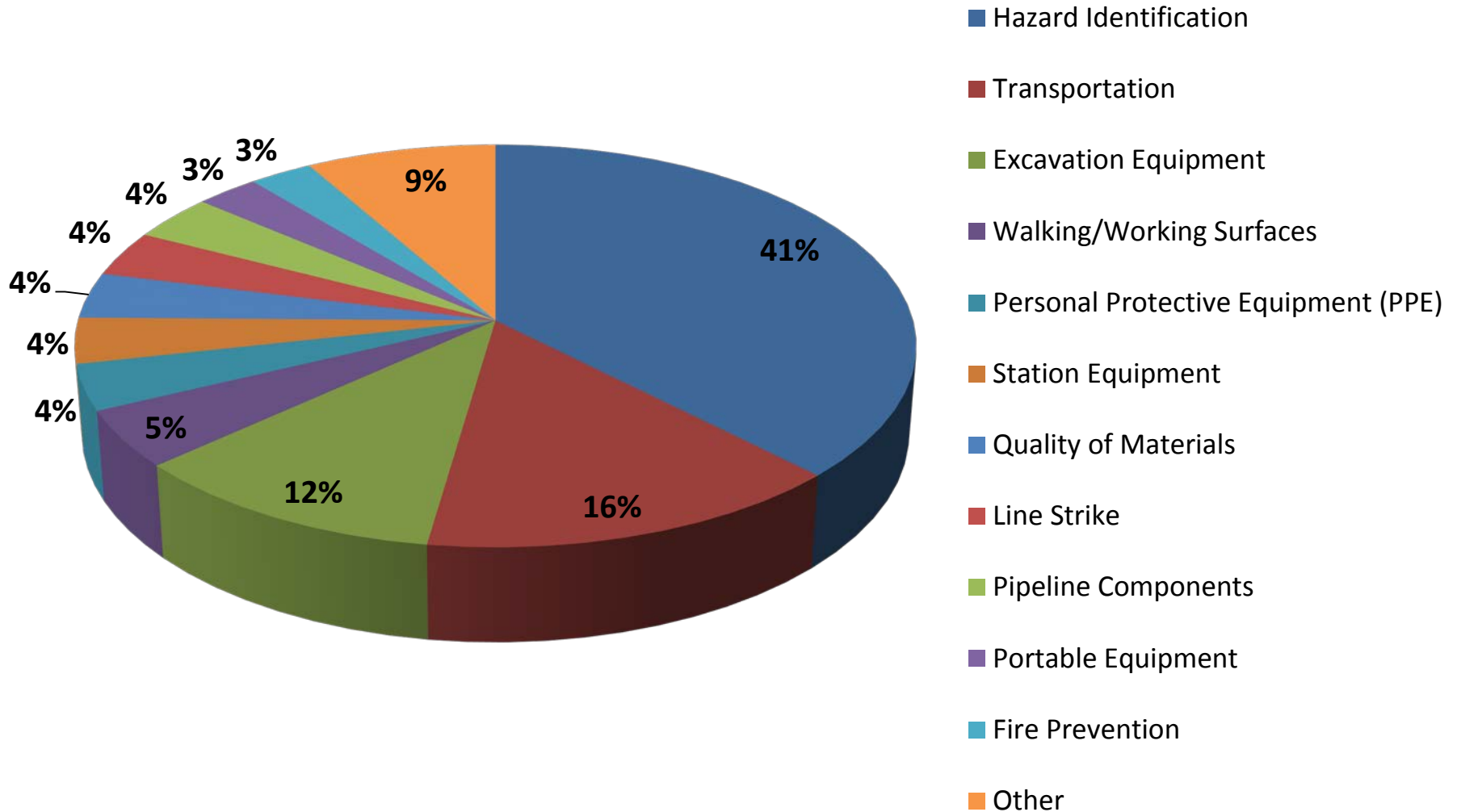
2015 LLR Submissions





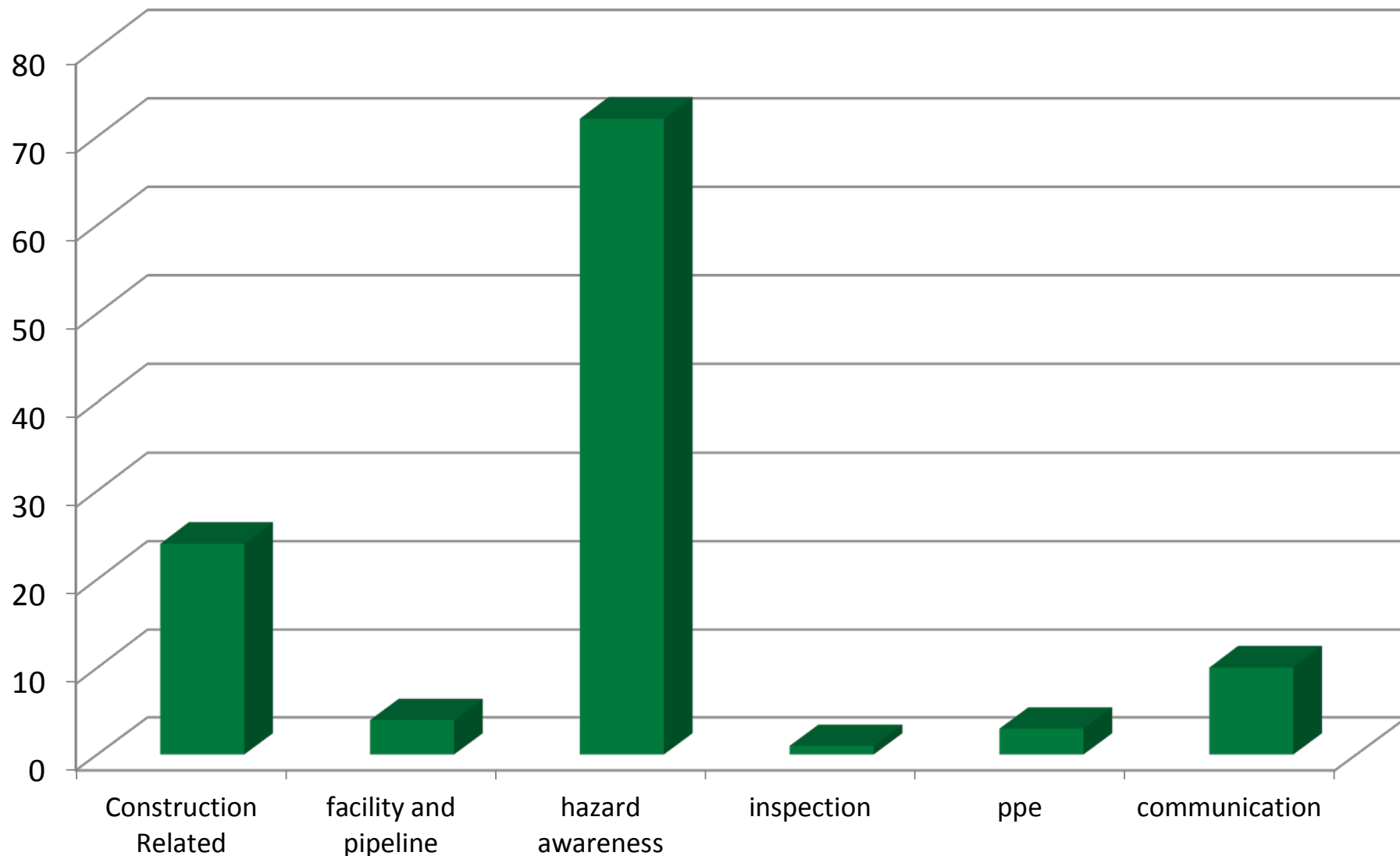
Lessons Learned Repository

Categories of Lessons Filed in 2015



Lessons Learned Incident Types

Lessons Learned Incident Types in 2015





Questions?

Contact:

Richard Hoffmann

rhoffmann@ingaa.org

(202) 216-5909