Pipeline Safety Management Systems
Safely Managing the Lifecycle of Pipelines

Spring 2017
8:00 AM to 5:00 PM each of two day
Houston, TX

Other SGA Integrity Management Workshops

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Industry Embraces New Pipeline Safety Framework
WASHINGTON, July 8, 2015 – The American Petroleum Institute announced a new pipeline safety management system standard, Recommended Practice 1173 which was built on the industry goal of zero incidents and was created with engagement and guidance from the National Transportation Safety Board (NTSB), the Pipeline and Hazardous Materials Safety Administration (PHMSA), and other key stakeholders to further enhance pipeline safety.

If you want to better understand each element within RP 1173, and how to implement those elements into your operating procedures, the Pipeline Safety Management Workshop is your workshop.

Who Should Attend
- Integrity Management Engineers and Managers
- Senior Managers and Executives responsible for asset management
- Safety professionals
- Field Operations Engineers and Managers

Agenda
Day 1
1. Introductions
2. Overview of Safety Management Systems
3. Application of Safety Management Systems in Other Industries Including value of safety management systems:
   Commercial aviation, refining, petrochemicals and chemicals, gas processing, utilities and medical products
4. Overview of API1173 and comparable standards such as API570, PAS55 and ISO55000
5. Description of the Requirements of Each Element Within API RP1173
6. Wrap-up Day1
Day 2
1. Questions from Day1
2. How to Get Started – Building Upon Existing Elements
   Experience of the Presenters with Examples Followed By Discussion
3. How to Improve
   Experience of the Presenters with Examples Followed By Discussion
4. Exercise 1 – gap assessment of existing programs versus API1173 elements
5. The Role of Safety Culture
   Experience of the Presenters with Examples Followed By Discussion
6. How to Evaluate the State of Development and Implementation – Maturity Models
   Experience of the Presenters with Examples Followed By Discussion
7. Exercise 2 – application of a maturity model
8. Discussion and Wrap-up

**Instructors**

**Mark Hereth**
Principal, Process Performance Improvement Consultants, LLC (P-PIC)
Mark was the technical lead in the development of the American Petroleum Institute (API) Recommended Practice (RP) 1173. He has experience with safety management systems having worked in the refining, petrochemical and chemical industries prior to his work in the pipeline industry that dates back in to the early 1990s. Prior to forming Process Performance Improvement Consultants LLC (P-PIC) in 2003, at HSB, he helped develop an underwriting protocol that evaluated a potential insured’s implementation of Process Safety Management initially codified in API 570 and then in OSHA regulations at 29 CFR 1910.119

**Mike McGonagill**
Mike has been very active in SGA and led implementation of an Operations Management System (OMS) in the mid-2000s in Alliance Pipeline. The Alliance system OMS includes the elements of the API RP and the requirements of safety management systems codified by the National Energy Board. Alliance went through an NEB audit of their OMS prior to Mike’s retirement. Mike has first hand knowledge in developing and implementing a safety management system and was involved during the audit using the NEB audit protocol.

**Background**
1. View the video recordings on YouTube of the:
   "PHMSA Public Workshop on Pipeline Safety Management System", Houston, April 15, 2015
2. ANSI/API Recommended Practice 1173
   *Pipeline Safety Management Systems*
   FIRST EDITION | JULY 2015 | *Please bring a copy to the workshop*
3. ExxonMobil: Operations Integrity Management System (OIMS)
4. DuPont: Operational Excellence - The Key to Success for Oil & Gas
5. ISO 55000 - Asset Management
6. OECD Guidance on Corporate Governance for Process Safety
7. ASME PTB-2-2009
   *Guide to Life CycleManagement of Pressure Equipment Integrity*

**Event Information**
**Location:**
**Registration**
- Member: $895 ($795 for second and subsequent registrations from the same company)
- Non-Member: $1,500
Please contact member services at 972-620-4012 to be placed on our wait list.

**Cancellation Policy**
This event follows the SGA Cancellation Policy "B" when cancellation is required.

**Attire**
Business casual

**Hotel arrangements**
SGA HAS NOT RESERVED A BLOCK OF HOTEL ROOMS FOR THIS WORKSHOP.

**Food & Beverages**
Lunch and snacks are provided.

**Professional Development Hours**
This workshop qualifies for 12 Professional Development Hours.

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