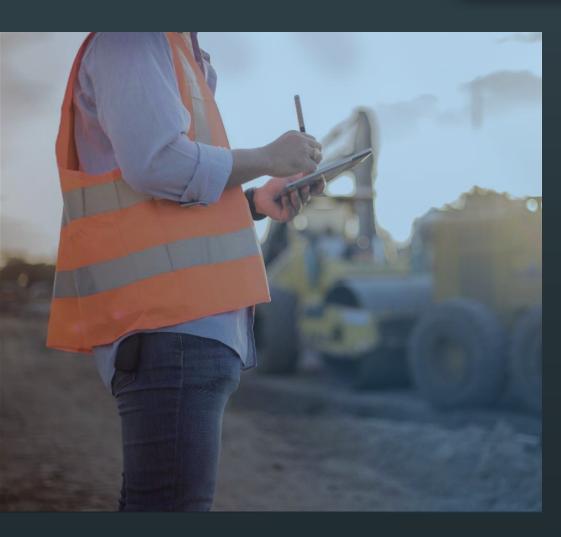


July 14, 2021 UCT / UtiliTech Nashville, Tennesee



Panelists



- ► **Stuart Saulters**, American Public Gas Association
- Steve Allen, Energy Worldnet
- **Ryan Porter**, NiSource
- ▶ **Jesus Soto**, Mears Group
- Nate Healy, Michels Corporation

Overview



- Background of Pipeline SMS
 - ► API 1173
 - DCA/APCA Contractor Template
- Implementation of SMS within the Pipeline Industry
 - Operators
 - Contractors
- Pipeline SMS Industry Team
- ► PIPES Act of 2020
- Next Steps for SMS

Background



► API 1173

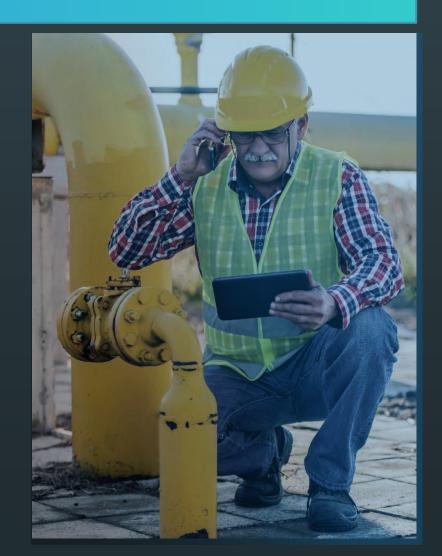
► PHMSA Perspective

► NAPSR Perspective

Evolution of PSMS Industry Team

PSMS from 10,000 Feet

- Where Does Safety Management Begin?
 - "Pipeline" or "Asset" safety ultimately begins before and during construction (relate to the bathtub curve)
- "Voluntary" nature of PSMS for stakeholders, despite that all Industry groups and most of their individual members are in support adoption
- Contractor Engagement
 - ▶ Why it is important for Operators to engage their contractors with PSMS even beyond the items specified in 8.4 (ensure a positive safety culture, continuous improvement objectives (PDCA), CAP, etc.)
- Steps a contractor should follow when adopting PSMS (assignment of responsibilities, completion of a GAP analysis, completion of a safety culture assessment, discussions with operators, etc.)





API 1173 - Section 8.4 - "Use of Contractors"

Operator responsible for defining and documenting a process for:

- Communicate requirements of SMS activities and processes to be conducted by the contractor (scope, boundaries, and applicable standards and procedures;
- Define responsibility, accountability and authority for managing outsourced activities;
- Incorporating work and findings into operators operations;

- Training and orientation on safety policies;
- Evaluating contractor safety performance;
- Communicating risks at the work site; and
- Communicating MOC procedures.

DCA/APCA Contractor Template

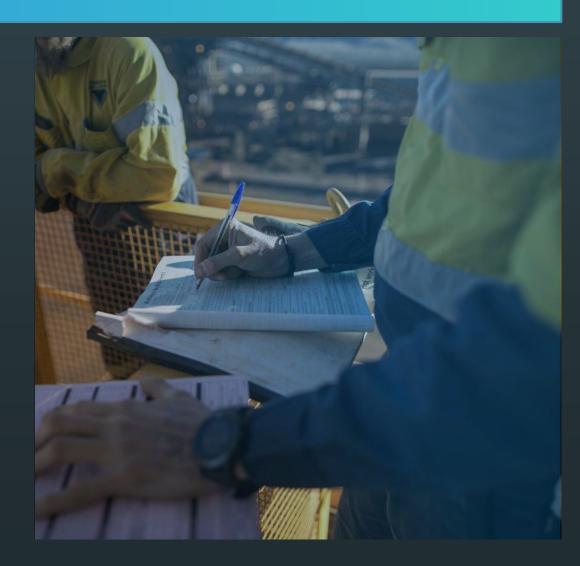
► DCA/APCA Template on Pipeline Construction Safety Management Systems

- Overview of the three primary documents that influenced the final document
 - ► API RP-1173
 - ► API RP-1177
 - AGA Whitepaper on Contractor Construction Quality Management



Avoiding OQ "Portability" Problem

- Problems w/inconsistencies regarding compliance with operators' SMS programs
- Standardization of "Plan-Do-Check-Act" approaches
- Experiences in the field so far



Regulatory Status of Pipeline SMS

- ► SMS Provisions in PIPES Act of 2020
 - ▶ PHMSA evaluation of current level of implantation of SMS

Future SMS mandate? (Reauthorization and mandate for PHMSA to explore industry adoption and other PSMS related topics)

SMS approaches at the state level



Pipeline SMS Industry Team























Questions?

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