

Pipeline SMS Tool Roadmap



GETTING STARTED

- Study API RP 1173
- Attend workshops
- Consider the benefits
- Talk with peers
- Obtain management commitment to API RP 1173 implementation
 - Liquid operators: [Commitment Letter](#)
 - AGA members: [Commitment to Enhancing Safety](#)
 - INGAA members: [Commitment to Pipeline Safety](#)
 - APGA members: [Commitment to Pipeline Safety](#)

PLANNING TOOL

- Summary of API RP 1173 requirements (71 questions)
- A gap analysis tool to compare an operator's existing system to the requirements of API RP 1173
- Documents action plans and responsibilities to close gaps
- Helps operators achieve Level 1 maturity (develop a plan, and begin work)

IMPLEMENTATION TOOL

- Summary of API RP 1173 requirements (71 questions)
- Evaluates and summarizes the operator's implementation status by question, element and overall
- Helps operators track development of programs to implement the RP up to Level 3 or 4 maturity

EVALUATION TOOL

- Comprehensive set of questions with ratings for all aspects of API RP 1173
- Helps operators evaluate the effectiveness of their programs in achieving the objectives of the RP (Is it helping?)
- Appropriate at Level 3 maturity or beyond
- Determines Effectiveness score



CONFORMANCE CHECKLIST (all API RP 1173 "shall" statements)

PEER-TO-PEER SHARING APPROPRIATE AT ALL MATURITY LEVELS



VOLUNTARY API THIRD-PARTY AUDIT PROGRAM

- API-administered audit program for conformance to API RP 1173
- Yields an objective evaluation and score to measure continuous improvement and/or benchmarking
- Appropriate at Level 3 maturity or beyond