



**Pipeline SMS**

# Pipeline Safety **STARTS WITH YOU**

API Pipeline Standards

## **INTEGRITY**

- RP 1133** Managing Hydrotechnical Hazards for Pipelines Located Onshore or within Coastal Zone Areas
- RP 1160** Managing System Integrity for Hazardous Liquid Pipelines
- Std 1163** In-line Inspection Systems Qualification
- RP 1176** Assessment and Management of Cracking in Pipelines
- Bull 1178** Integrity Data Management and Integration
- TR 1179** Hydrostatic Testing as an Integrity Management Tool \*

## **CONSTRUCTION, INSPECTION, AND REPAIR**

- RP 1111** Design, Construction, Operation, and Maintenance of Offshore Hydrocarbon Pipelines
- RP 1161** Pipeline Operator Qualification
- RP 1169** Basic Inspection Requirements - New Pipeline Construction
- RP 1172** Construction Parallel to Existing Underground Transmission Pipelines
- RP 1177** Steel Pipeline Construction Quality Management Systems

## **UNDERGROUND STORAGE**

- RP 1115** Design and Operation of Solution-mined Salt Caverns Used for Liquid Hydrocarbon Storage
- RP 1170** Design and Operation of Solution-mined Salt Caverns Used for Natural Gas Storage
- RP 1171** Functional Integrity of Natural Gas Storage in Depleted Hydrocarbon Reservoirs and Aquifer Reservoirs

## **PUBLIC SAFETY AND DAMAGE PREVENTION**

- RP 1102** Steel Pipelines Crossing Railroads and Highways
- RP 1109** Marking Liquid Petroleum Pipeline Facilities
- RP 1162** Public Awareness Programs for Pipeline Operators
- TR 1166** Excavation Monitoring and Observation for Damage Prevention

## **MANAGEMENT SYSTEMS**

- RP 1160** Managing System Integrity for Hazardous Liquid Pipelines
- RP 1173** Pipeline Safety Management Systems
- RP 1174** Onshore Hazardous Liquid Pipeline Emergency Preparedness and Response
- RP 1175** Pipeline Leak Detection - Program Management
- RP 1177** Quality Management Systems for Steel Pipeline Construction

## **CYBERNETICS AND CONTROL ROOM**

- RP 1130** Computational Pipeline Monitoring for Liquids Pipelines
- TR 1149** Pipeline Variable Uncertainties and Their Effects on Leak Detectability
- Std 1164** Pipeline SCADA Security
- RP 1165** Pipeline SCADA Displays
- RP 1167** Pipeline SCADA Alarm Management
- RP 1168** Pipeline Control Room Management
- RP 1175** Pipeline Leak Detection - Program Management

\* = Publishing Soon