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
- **RP 1181** Pipeline Operational Status Determination
- **RP 1183** Assessment and Management of Dents in Pipelines *

**CONSTRUCTION, INSPECTION, AND REPAIR**
- **RP 1111** Design, Construction, Operation, and Maintenance of Offshore Hydrocarbon Pipelines
- **RP 1161** Pipeline Operator Qualification
- **RP 1169** Pipeline Construction Inspection
- **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

**GATHERING LINES**
- **RP 80** Definition of Onshore Gas Gathering Lines
- **RP 1182** Construction, Operation, and Maintenance of Large Diameter Rural Gas Gathering Lines

**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

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