



Advanced DOT Pipeline Compliance Workshop

Workshop Outline

(1) Overview of Pipeline Safety Regulations (Parts 192 & 195)

- Historical context, key definitions, and regulatory structure, with emphasis on applicability to gathering and transmission lines.

(2) Materials and Component Design

- Requirements and considerations for steel and plastic materials (Part 192 Subpart B), including design formulas and verification challenges.
- Design of pipeline components (Parts 192 Subpart D & 195 Subpart C), including stations, valves, and pressure calculations.

(3) Operations and Maintenance Programs

- Regulatory requirements under Parts 192 Subpart L and 195 Subpart F, including procedural manuals, surveillance, damage prevention, and emergency planning.

(4) Valve Spacing and Rupture Mitigation Rules

- Review of valve-related updates, including class location tie-ins and shutoff requirements for onshore transmission lines.

(5) Pressure Verification and Testing

- Overview of MAOP, MOP, material verification, and pressure testing techniques including Charpy testing, toughness evaluation, and critical strain analysis.

(6) Integrity Management Programs (IMPs)

- Requirements for both HCA and non-HCA areas (Parts 192 Subpart O and 195 Subpart F), covering data integration, risk assessment, integrity assessments, and the role of special permits.