



Pipeline Safety Management Support (API RP 1173)

WHY MOSAIC

A Pipeline Safety Management System should be more than a set of documents. It should provide a practical framework for managing risk, strengthening accountability, connecting safety priorities to daily operations, and driving continuous improvement. Mosaic helps pipeline operators turn audit findings and fragmented PSMS practices into a clear, sustainable management system aligned with API RP 1173.

Our team combines deep knowledge of pipeline safety expectations with practical experience across operations, integrity management, governance, training, and performance management. We translate findings into actionable improvements that work in practice, not just on paper.

KEY OUTCOMES



Faster Closure of Audit Findings

Connect the PSMS with integrity management, operations and maintenance, incident learning, and performance management.



Clearer Governance & Accountability

Define roles, decision rights, escalation paths, and a sustainable management review cadence.



Stronger Operational Integration

Connect the PSMS with integrity management, operations and maintenance, incident learning, and performance management.



Improved Safety Performance Visibility

Establish meaningful KPIs, leading indicators, reporting cadences, and data ownership.



Greater PSMS Maturity & Readiness

Strengthen performance across the 10 elements of API RP 1173, reduce repeat findings, and develop regulator-ready documentation

WHAT WE DELIVER

- **PSMS Health Check & Gap Assessment**
 - Review existing documentation, audit findings, and current practices to develop a 10-element maturity snapshot and prioritized action plan.
- **Audit Findings Crosswalk & Corrective Action Roadmap**
 - Map findings to PSMS elements, required updates, corrective actions, owners, and timelines.
- **PSMS Documentation Refresh**
 - Update manuals, policies, and procedures and align them with the Integrity Management Program (IMP) and Operations and Maintenance (O&M) programs.
- **Governance & Management Review Framework**
 - Develop the governance model, Responsible, Accountable, Consulted, and Informed (RACI) matrix, management review charter, escalation process, and corrective action oversight structure.
- **Key Performance Indicators, Leading Indicators, & Reporting**
 - Define performance measures, data owners, reporting cadence, and dashboard requirements or builds.
- **Training & Change Support**
 - Create targeted training, communications, and stakeholder engagement materials that help embed updated practices.
- **Independent Review and Readiness Support**
 - Provide an objective review of refreshed plans, recommendations for improvement, and leadership briefings ahead of regulatory follow-up.

BUILDING A PSMS THAT WORKS IN PRACTICE

Mosaic helps operators move beyond static documentation to build a PSMS with clear ownership, meaningful performance insight, and ongoing improvement. By connecting safety requirements with daily operations, we help strengthen safety performance and support long-term effectiveness.