

MANAGEMENT SYSTEMS

Laying the Foundation for Leadership, Change Management, Performance and Continuous Improvement

A pipeline management system (the Management System) provides a framework to manage risk throughout the pipeline life cycle and documents the objectives, the associated performance requirements, and identify the proper sequence of processes and procedures to be managed, scheduled, tracked, documented, communicated and reported.

An Integrated Management System (IMS) provides an umbrella framework of management systems that meet or exceeds applicable regulatory requirements and supports continual improvement. An effective IMS is based upon a foundation of underlying principles that include leadership, management of change, performance and accountability management, quality management and continuous improvement.

MANAGEMENT SYSTEMS DEVELOPMENT SUPPORT

Dynamic Risk can help with the development or review of an integrated management system and related protocols and procedures. We provide client teams with technical support through an independent perspective to ensure that policies, practices and procedures meet or exceed industry requirements and expectations.

MANAGEMENT SYSTEMS PROGRAM “PLAN, DO, CHECK, ACT” AUDIT

Dynamic Risk applies a structured “Plan, Do, Check, Act” (PDCA) approach as an audit framework. The PDCA audit process is applied within a gradient “bottom-up” approach as follows:

Level 1 (Plan)

Compliance/ Industry Standard Acceptance: A “check box” review to assess that the Management System and documents incorporated by reference satisfy the minimum requirements relating to compliance and/or accepted industry practice and standards. The focus is on organization structure, documented processes and procedures, responsibility and accountability, work flow, reference to associated records, and in-place communication protocols.

Level 2 (Do/Check/Act)

Implementation, Adequacy, Continuous Improvement: Confirmation through record review, application of subject matter expertise, supporting personnel interviews and lagging indicator assessment, that the Management System elements satisfy the objectives as stated, are considered technically acceptable, are being implemented across the company and provide procedures to ensure continuous improvement.

PROVIDING
TECHNICAL
SUPPORT
AND AN
**EXTERNAL
PERSPECTIVE**

Level 3 (Effectiveness)

Application of acceptance criteria specific to the Management System objectives and operation in reference to industry accepted best practice guidelines as provided within International Organization for Standardization 31000 series and (ISO) 55000, American Petroleum Institute (API) Recommended Practice 1173 and other accepted industry consensus standards. The focus of the audit is on the key management system elements of leadership, planning, organization structure, risk evaluation, training and competence, succession planning and learning from events.

ABOUT US

Dynamic Risk's technology and consulting services optimize risk-informed decision making to manage risk through an asset's entire life cycle. Our IRAS platform models pipeline systems to proactively determine where they are most likely to fail and the corresponding consequences of unintended releases. From gathering systems, midstream pipelines, transmission pipelines, and distribution networks, we have software applications and in-house engineering expertise to provide complete pipeline risk assessment, data management and compliance reporting.

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