



PIPELINE INTEGRITY MANAGEMENT SYSTEMS (PIMS)

Operating effectively by enhancing pipeline safety and reliability.

New regulations, safety and environmental concerns from the public have emphasised the requirement for pipeline owners to demonstrate and document the safe operation of their facilities. The safety and reliability of pipelines have become a social accountability issue at corporate level for every operator, along with transparency and easy access to data.

Like any pressure equipment and facility containing and transporting hazardous products, pipelines are subject to regular statutory inspections, verifications and re-certifications. Pipeline operators are required to demonstrate, document and maintain the integrity of their pipeline facilities at all times.

Operators require a comprehensive integrated pipeline integrity management system (PIMS). A PIMS is much more than a set of tools or an inspection and maintenance programme. It is a quality management system encompassing engineering, operation, inspection, maintenance, health, safety and environment (HSE), and corporate communication. The mechanical condition of the facility is not the only element at stake, it's the reliability of the operation, its ability to fulfil its delivery obligations, as well as the environment, the image, reputation and business of the operator and its stakeholders.

Key benefits

- Bureau Veritas has been involved in conformity assessments, certification of facilities and organisations since its inception, and has developed vast experience in the field of risk assessment, quality, safety, environment protection and regulatory compliance. Based on this expertise, Bureau Veritas has developed a practical approach to PIM, providing guidelines and methodologies for operators.
- Bureau Veritas' expertise will assist pipeline operators in designing PIMS that comply with the latest regulations and standards, such as ASME B31.8S, API 1160 and other recognised standards.
- The implementation of a PIMS is much more than the installation of a new software or database: it embraces the operator management structure and work processes, and provides a new approach to responsible and sustainable pipeline management.



Related services

- Risk-based inspection (RBI) studies
- Regulatory compliance audits
- Asset maintenance strategies and plans
- Fitness for services (FFS) assessments