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API Asset Integrity Inspection

Applus+ has developed numerous strategies for asset integrity inspection in line with the recommended practices set out in American Petroleum Institute's (API) guidelines for pressure vessel inspection, pipeline inspection and above ground storage tank (AST) inspection. Through systematically developed approaches to asset integrity inspection, Applus+ can help mitigate risk while prolonging life of systems, helping to create a safe working environment and providing asset integrity insights across operations.

THE Applus+ SOLUTION

Applus+ has developed a systematic approach for delivering the information required by clients in a conditioned format for a wide range of facility lifecycle management reporting: identifying results, potential causes for concerns and supporting data to help aid clients in decision making.

Applus+ has developed its proprietary IDMS (Information Data Management Software) system to support storage tank, pressure vessel and pipeline inspection, and the asset integrity solutions at Applus+ can assist clients in their overall management of multiple assets within a single system, which provides a secure portal for historic and current system analytics.

Through proper deployment of an effective API asset integrity inspections and management, clients can collect all of the information effectively. This ensures all of the federal, state and other jurisdictional mandates concerning for their asset stability and facility lifecycle management have been met and/or exceeded.

Applus+ operates a wide range of pressure vessel inspection, pipeline inspection and storage tank inspection services close to most areas of industry, allowing us to provide many clients access to well-trained, competent, industry-leading NDT personnel in short lead times.

As well as API provide guidance for asset integrity management system reviews, Applus+ utilises both in-house and industry-leading technologies to ensure the quality of all work undertaken, delivering a consistent, industry-leading product.

Target customers

Asset integrity management in oil and gas are the primary industries using the applicable API standards, covering:

- Upstream
- Midstream
- Downstream
- Onshore and offshore NDT.

The services Applus+ provides for asset integrity inspection and in-service inspections also cover methodologies developed for the other purposes across multiple outlying industry sectors to determine the suitability to continue in service.

Key customer benefits

By correctly following API guidelines, the asset integrity services for UST and AST inspection, pressure vessel inspection and pipeline inspection at Applus+ ensure our client's assets meet all federal, state and jurisdictional requirements.

Through effective data capture and analysis, the asset integrity solutions offer by Applus+ allow clients a clearer understanding of their assigned assets, while having the equipment-specific base data to ensure suitability for continued service.

With the resources at Applus+, our expertise in asset integrity management systems and API guidelines provide clients with short turnaround times in reporting and in-depth asset integrity analysis, leading to an overall reduction in asset downtime as well as improvements in safety and profitability.