

Ease of auditability and safeguarding asset integrity with IMS PEI

Sector: Natural gas and petroleum
Module: IMS PEI
Timeframe: 20+ years

THE NEED

NAM (Nederlandse Aardolie Maatschappij) is a Dutch natural gas extraction company that has a Type B inspection body. This inspection body is the responsible authority for the integrity of the pressure vessel inspection. ISO 17020: 2012 expects such inspection bodies to perform inspections to ensure that the inspection management system documentation, as well as the control of records, review, internal audit, and thereof consistently meets the international standard.

Historically, the inspection documentation for the recertification process of this Type B inspection body at NAM involved paper checklists, wet stamps, and an extensive paper trail, which added complexity to the entire process. It involved several hours of preparatory work for the accreditation. Compiling and providing the requisite audit documentation to the certifying authority was a daunting task.



NAM

"Cenosco's IMS PEI software has helped us tremendously in maintaining our inspection data records. All in all, Cenosco's IMS PEI software supported in digitalization of our processes and reducing our effort by up to **20%**. It also helped improve the process to maintain our Type B inspection body's ISO 17020:2012 compliance."

Ryan Duffer

Inspection Team Lead and Technical Authority Level 2

THE RESULTS

After implementing Cenosco's IMS PEI software for Pressure Equipment Integrity, NAM revolutionized its management system completely and integrated most of it within the IMS Platform. Ultimately reducing the hours of preparatory work for accreditation tremendously and improving collaboration between internal teams. Furthermore, it allowed for fully remote work, protecting the health and safety of the employees during the pandemic.

The Dynamic Form feature of IMS Suite helped NAM create a customized digital checklist in collaboration with Cenosco. It ensured that the information recorded complied with ISO 17020:2012 requirements of consistent inspection records, allow control of records, carry out internal audits as well as independent review by external certifying bodies. The equipment condition history (ECH) checklist has different levels of approval based on competency, and it considers the local regulatory requirement, giving the Type B inspection body the authority to declare the conformity of the pressure equipment as per NAM, and legislative requirements as a competent representative.

Furthermore, the benefit of IMS PEI software's auditability and traceability of records provided NAM the confidence in the independent evaluation and validation of their operations' integrity. We are happy that Cenosco's IMS PEI software could prove itself worthy of achieving this milestone for NAM.

"Accreditation without IMS would have still been possible, but considerably more time and effort would have been required.

With the integration of our inspection data management system IMS PEI with our Quality Management System, digital inspection records for review and audit are readily available to the concerned teams.

We went completely paperless, yet we remain auditable and traceable thanks to IMS PEI. We have customized IMS PEI over the years to fit the needs of our inspection body.

Despite the global challenges in the recent years, the integrity of our assets was ensured, and our inspection team went about its job as usual.

The combination of the IMS PEI software and ISO 17020:2012 accreditation of our Type B inspection body supports the efforts of our Technical Asset Operations (TAO) team to keep our sites safe and operational."

Gert Uildriks

Inspection Body Technical
Manager

Cenosco and the IMS Suite

INTEGRITY MANAGEMENT SYSTEMS

Cenosco is the leading provider of asset integrity management software.

For over 20 years, we have been leading the way in product innovation across asset-heavy industries, including Oil and Gas, and chemical manufacturing. Our IMS Suite of solutions was designed to support users in making smart inspection and maintenance decisions to increase safety, maximize asset availability, and optimize asset management costs.

Meet IMS

IMS is a unified asset integrity management solution suite for all your equipment types and processes. The range of IMS products can be deployed individually or together, and each component complements the others seamlessly.



IMS PEI

Pressure Equipment Integrity

Manage equipment integrity using RBI methodology and advanced corrosion calculations.



IMS RCM

Reliability Centered Maintenance

Optimize preventive maintenance plans based on risk and take advantage of our library of maintenance strategy templates.



IMS SIS

Safety Instrumented Systems

The perfect solution for your end-to-end Safety Life Cycle analysis.



IMS FCM

Flange Connection Management

Manage critical flanges with a strict guided maintenance protocol.



IMS PLSS

Pipeline and Subsea Systems

Manage pipeline and subsea system integrity, performing In-Line Inspections (ILI) and Fit-For Service (FFS) calculations.



IMS CIVIL

Manage Civil Structures

Manage equipment integrity with RCM and RBI methods adapted for civil degradation dynamics.

[Learn More](#)



Why IMS?

The IMS Suite of solutions was designed to support users in making smart inspection and maintenance decisions to increase safety, maximize asset availability, and optimize asset management costs. Our domain expertise goes deep into the assets, and with our fully integrated software, you can centralize your maintenance and inspection efforts.

- ✓ Keep your people safe
- ✓ Gain control over your assets
- ✓ Manage your assets with ease
- ✓ Comply with regulations
- ✓ Avoid leaks and other disasters
- ✓ Exclusive Methodologies and Libraries

OUR SOLUTIONS ARE USED GLOBALLY

We're deployed in over 40 countries across the globe.

11,000+

ACTIVE
USERS

200+

DEPLOYED
ASSETS

20+

YEARS OF
EXPERIENCE

Proven Results

- ✓ 20% Inspection cost reduction
- ✓ 30% Turnaround time reduction
- ✓ €100K - € 100M Savings per leak prevented

Trusted by world leaders

