



 5 Minute Guide

Your AIM. Reducing Risks. Increasing Value.

The purpose of **Asset Integrity Management (AIM)** is to ensure that your assets perform as efficiently as possible across all stages of their lifecycle – from design through maintenance and decommissioning. Our AIM is multi-disciplinary expertise from one source – to prevent incidents before they happen.

WHY IS AIM NECESSARY?

Businesses today are faced with a multitude of challenges. That's why implementing AIM is more important than ever – to reduce potential risks, while protecting people, equipment and the ecosystem.

” *With TÜV Rheinland Asset Integrity Management services our clients can ensure that their assets are in fit-for-service condition to prolong their productive lifetime and keep their employees and local communities safe.*

Mr. Sergey Putintsev, Global Business Development Manager

Profit from our modular and customized concept to improve your Asset Integrity Management.



CHALLENGES:

- Aging or failing assets
- Harsher geographic conditions
- Increasingly complex technologies
- Highly regulated markets
- Security threats
- Financial pressures
- Oil prices fluctuations
- Public demand for more safety



NEEDS:

- Increased process safety
- Environmental and security awareness
- Safe Operating Envelope (SOE) knowledge
- Optimized asset operation
- Effective inspection management
- Better maintenance care
- Skilled personnel



BENEFITS:

- Improvement / proof of safety, reliability
- Support of specialists and engineers for
 - Risk analysis
 - Mechanical integrity
 - Inspection and maintenance
- Individual solutions to reach enablement
- Substantial cost savings
- Remote inspection services



Finding tailor-made solutions together.

At TÜV Rheinland our specialists help you ensure your assets are always safe, compliant and available while providing maximum value. The wide range of services we offer are tailored or even developed to specifically fit your requirements.

Our Consulting & Inspection Services.

ASSET INTEGRITY	Management System & Software Consulting	AIM system and strategy development and implementation		AIM software selection & implementation support		
		Auditing & certification				
	Data Analysis & Technical Consulting	Inspection planning and RBI consulting	Maintenance optimization and RCM	Integrity assessment		
		Risk, process safety & security assessment	Corrosion management advisory	Cybersecurity testing services		
	Data Collection (testing, inspection)	Inspection of plants and components		Materials testing and non-destructive testing (NDT)		
		Permanent Condition Monitoring (rotating and static equipment)				
AIM TRAINING AND INDEPENDENT REVIEWS						

VIRTUAL SOLUTIONS FOR AIM

Our inspections, assessments and audits are now also possible remotely. This is especially useful in time-critical situations or when access restrictions are present. Virtual solutions allow you to observe the health of your assets while minimizing risk and expense. Additionally, our Permanent Condition Monitoring uses sensors and detection systems to provide continual oversight, thus enabling the immediate identification of problems.

CYBERSECURITY FOR AIM

With an increase in the use of digitalization, robotics, artificial intelligence and cloud computing, the risk of data theft and cyberattacks is higher than ever before. We are one of the few service providers to offer a comprehensive safety and cybersecurity portfolio, reaching across all product or process life spans.

GET IN TOUCH!

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Ensure the strong performance of your assets across all stages of their lifecycle. Contact our experts for AIM, virtual and cybersecurity solutions.

[ONLINE CONTACT](#)