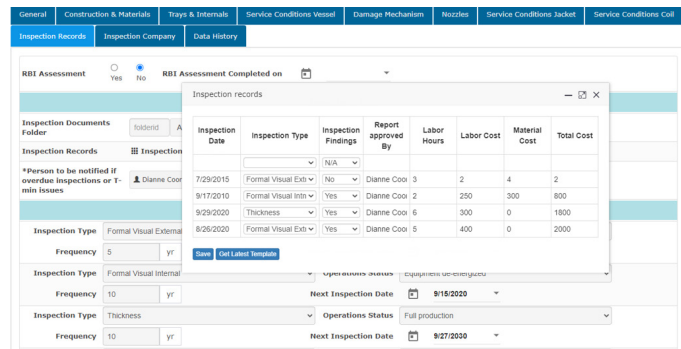


Asset Integrity Management Services (AIMS)

Asset Integrity (AI), also referred to as Mechanical Integrity (MI), is critical for compliance and risk reduction and is part of the OSHA Process Safety Management (PSM) standard in the US.

An effective AI program ensures that critical equipment is suitable throughout the life of a process. This challenge requires establishing systems and procedures to collect, store, manage, and track large amounts of information over time. AI findings have consistently remained on top of OSHA's citation list and poor AI practices have been factors in major incidents world-wide.

Whether it is asset integrity (AI) program development, risk-based inspection implementation and program management, AI training, and/or AI management software and workflows, we can help!



Inspection Date	Inspection Type	Inspection Findings	Report approved By	Labor Hours	Labor Cost	Material Cost	Total Cost
7/29/2015	Formal Visual Ext	N/A		3	2	4	2
9/17/2010	Formal Visual Int	Yes	Dianne Cool	2	250	300	800
9/29/2020	Thickness	Yes	Dianne Cool	6	300	0	1800
8/26/2020	Formal Visual Ext	Yes	Dianne Cool	5	400	0	2000

Store equipment specific information and easily manage related documents, such as P&IDs and equipment drawings, seamlessly with the Process Safety Enterprise® Asset Integrity (AI) module.

Services

- Policy and procedure development to align with RAGAGEP and company goals
- Identification of equipment to be included
- Determination of equipment criticality
- Identification of equipment inspections type and frequency per requirements
- Risk based inspection implementation

Training

Asset Integrity Management training can be provided in several formats:

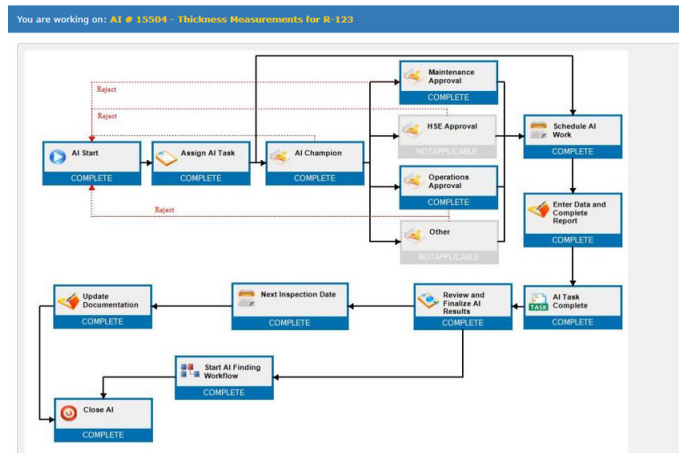
- In-person
- Open enrollment or your location
- Virtual/remote
- Online – Process Safety Learning® platform

Software and Workflows

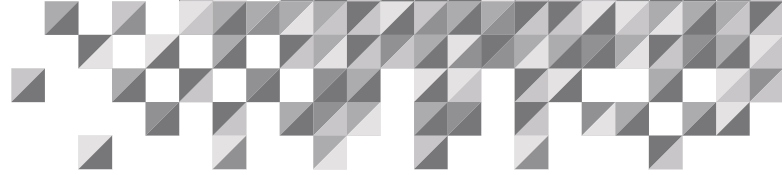
Process Safety Enterprise® visual workflows manage equipment information and inspections with equipment forms, (AI and AI-Findings Workflows), reporting, and KPI functionality.

Advantages

- Designed to easily document equipment design, specifications, and operating condition using Equipment Forms for seamless access and retrieval
- Customizable per client request(s) or needs
- Populating data never easier
- Storage and easy retrieval of inspection information
- Thickness readings documentation with corrosion and remaining life calculations
- Electronic Action Item tracking
- Customized workflows where Findings automatically link to Management of Change (MOC) Workflow
- Automatic transfer of information between forms and workflows
- Reports generate live links to Equipment Forms and Workflow as well as when exported to Excel
- Customized, user-friendly reports and charts capabilities
- Advanced customization to meet clients’ requests and resolve challenges



Track inspection and deficiency status to improve the efficiency of an AI program with the Process Safety Enterprise® Asset Integrity (AI) module.



About ioMosaic Corporation

Through innovation and dedication to continual improvement, ioMosaic has become a leading provider of integrated process safety and risk management solutions. ioMosaic has expertise in a wide variety of areas, including pressure relief systems design, process safety management, expert litigation support, laboratory services, training and software development.

ioMosaic offers integrated process safety and risk management services to help you manage and reduce episodic risk. Because when safety, efficiency, and compliance are improved, you can sleep better at night. Our extensive expertise allows us the flexibility, resources, and capabilities to determine what you need to reduce and manage episodic risk, maintain compliance, and prevent injuries and catastrophic incidents.

Our mission is to help you protect your people, plant, stakeholder value, and our planet.

Overview of most services / products we provide:

- Asset integrity
- Auditing
- Chemical reactivity management
- Combustible dust hazard analysis (DHA) and testing
- Due diligence support
- Effluent handling design
- Facility siting
- Fire and explosion dynamics
- Incident investigation, litigation support, and expert witness
- Liquefied natural gas (LNG) safety
- Pipeline safety
- Pressure relief and flare system design
- Process engineering design and support
- Process hazard analysis (PHA)
- Process safety management (PSM)
- Quantitative risk assessment (QRA)
- Risk management program development
- Software solutions
 - Process Safety Enterprise®
 - Process Safety Learning®
 - Process Safety Office®
 - Process Safety Project Opportunity Marketplace (PSPOM™)
 - Process Safety tv®
- Structural dynamics
- Training (open enrollment, online, and customized)

For more information on ioMosaic, please visit: www.ioMosaic.com

