



INSPECTION
ENGINEERING
MAINTENANCE
REPAIR



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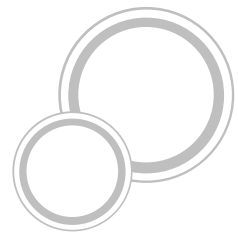
INTRODUCTION

AIMMS, a high technology company, with offices in middle east and UK, is providing engineering, inspection, maintenance and repair for oil and gas fields. Our corporate office is in Aberdeen. We are not only trying to become the biggest engineering company in the world but also to be the best. An experienced and recognisable management team coupled with a strong commitment to staff training and mentoring across the board has provided the company with a highly developed and stable skills base. We want our clients to feel that we are a trusted and reliable partner in their enterprises and that we understand their values and needs.

The philosophy of AIMMS is to provide the best possible level of professional service on every inspection, survey, overhaul and upgrade conform to the required standards for any given project. AIMMS maintains and/or follows accreditations, approvals and procedures from the class organizations. With our unique heritage and global footprint, AIMMS has the full spectrum of expertise and services you need to maintain your competitive advantage in the industry. All our inspectors are trained and assessed according to our competency management system, which incorporates internationally recognised schemes such as API, IRATA, PCN, ASNT CSWIP, AWS, BGAS and NACE.

Due to our exceptional understanding of the operational conditions of facilities and products, coupled with our attention to detail we can focus on the following fundamentals to ensure the success of your projects:

- Supplier Quality Surveillance
- Supplier Quality Audits
- Reduced Purchase & Quality Management Cost
- Process Improvements
- Reduced Operating Costs
- Enhanced Contractor-Client Relationship
- Contractor Accountability



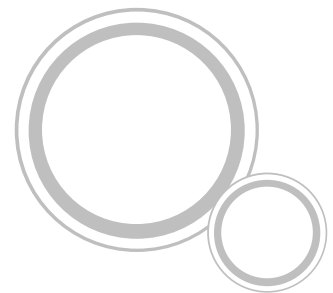
WHY WE STAND OUT

We stand out due to our in-house and technical expertise, our approach to project delivery, coupled with the ability of our team to continually deliver challenging projects in all the industries we work in, within budget and on time. We innovate, provide and deliver tailored solutions wherever there are challenges around the world; we understand the complexities of the environments our customers high value equipment is installed in today, i.e., onshore or offshore, HPHT or arctic environments.

This type of equipment operates at elevated temperatures and pressures and have contact with or carry sour fluids, H₂S or CO₂, etc. and require superior experience, to ensure all equipment is suitable for such operation and are manufactured to the required specification. This is where AIMMS can be relied upon to provide tailor made solutions to your specifications.

We also have a team of specialists and consultants both within the middle east and UK and within easy reach of the main oil and gas facilities

around the region, who can be called upon at short notice to work round the clock to help resolve any challenging manufacturing or operational bottlenecks you may encounter.



OUR VISION AND VALUES

Our team operates at the highest level of customer support, providing superior services which make AIMMS the most prominent in this field of expertise. Our values are closely aligned with our vision, bringing us to the forefront of the industry.

Our Vision is:

“To provide the highest quality inspection and technical services within Oil, Gas Marine, Petrochemical and Power sectors and to become the best preferred reliable choice of the industry. To accomplish this, we focus on providing customer focused quality service, delivering innovative solutions, creating operational excellence through our commitment to adhere with the code of practice, ethics and principles and our passion for continuing education for learning the newest innovations of the industry”.

Our vision and values are closely aligned to our service delivery approach, the confidence of our clients in our team speaks volumes of our ability to retain key projects and the faith outstanding multinational clients have in AIMMS. Our Values are:

- *Uphold highest standards of professional integrity, honesty and trustworthy in all the acts.*
- *Offer unbiased, unprejudiced, free and fair services*
- *Providing competitive rates while keeping utmost accuracy in the services*
- *Make sure that all the information gathered from the clients during inspection/auditing services are kept strictly confidential.*
- *Practice superior health and safety standards and pay attention to sustainable progress.*
- *We are committed to continual improvement*



MANAGEMENT SYSTEM

AIMMS continually strives to achieve client's satisfaction by applying quality standards. Our Quality Management system and Health, Safety and Environmental Management System have been independently assessed and accredited to ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018. AIMMS ensures the requirements of the Quality Management System and Health Safety and Environmental Management system are continually reviewed, implemented and maintained. Our experts, consultants and staff at all levels are fully aware of the quality requirements in their day-to-day activities, as we continue to provide our clients the services that champion this field of expertise.

APPROVALS & REGISTRATION

- ISO 9001:2015
- ISO 14001:2015
- ISO 45001:2018
- IRATA
- ENAS
- American Welding Society
- ABS
- DNV
- BV
- IADC

OUR EXPERTISE

AIMMS provides high-end Engineering , Inspection, Maintenance and Repair services across oil and gas upstream, midstream and downstream. Our reputation for technical excellence is rooted in our long-established ability to solve many of the industry's technical challenges. Applying our deep technical expertise, we work closely with our clients to support their critical decisions, ensuring the success of their most important capital projects or maximising the value from existing, critical operational assets. Our proven track record, outstanding people and international experience mean our clients trust us to manage their projects in the face of the increasingly complex challenges presented by High Pressure, High Temperature environments, process optimisation and marginal fields. We provide our full range of services across three broad business segments: **Engineering, Inspection & Maintenance.**



INSPECTION

Hull Inspection & Class Surveys

To ensure your marine asset's safety and performance, AIMMS performs thickness gauging surveys and non-destructive testing of jack-ups, semi-submersibles, drill ships, FPSO, FSO and PLSV type vessels. We offer you specialized NDT Techniques, such as Eddy currents and ACFM, without the need for removing protective paint coatings.

Technique Capability:

- Annual Survey
- Class Renewal Survey/ Special Survey
- Intermediate Survey
- Bottom/ Docking Survey
- Tail Shaft Survey
- Boiler Survey
- Non-periodical Surveys
- Baseline surveys.
- Underwater inspection in-lieu for dry-docking (UWILD).
- Steel renewal assessment.
- Structures/Legs/Column on jack-ups and semi subs in accordance with class requirements of ABS, DNV and BV

INSPECTION

Non-destructive Testing

AIMMS has the ability to rapidly mobilize personnel resources and equipment to support client requests for NDT/NDE services. Personnel are certified in accordance with our approved written practices and industry standards including; CP-189, SNT-TC-1A, API ASME AWS, ANSI, EN and ISO.

AIMMS's capabilities include both Advanced and Traditional NDT Techniques;

Advanced NDT Techniques:

- Alternating Current Field Measurement (ACFM)
- Eddy Current Weld Testing
- Phased Array Ultrasonic
- TOFD

Traditional NDT Techniques:

- Magnetic Particle Testing (Visible/Florescent)
- Liquid Penetrant/Dye Penetrant Inspection
- Hardness Testing (Portable)
- Ultrasonic Flaw Detection
- Ultrasonic Thickness Gauging
- Visual Inspection



INSPECTION

Derrick Inspection

AIMMS offers both API RP 4G Category III inspections and API RP 4G Category IV inspections and recertification. Our engineers and technicians have extensive experience in both types of inspections and can provide these services anywhere in the world. When they're done, you can be assured that your equipment is in accordance with both manufacturer and API standards. The CAT inspections depending on location are typically conducted in two phases. An initial inspection where the corrective actions are documented and provided to the client. On completion AIMMS provide a final inspection where a certificate is then provided for client records.

Inspection Capability:

- Derrick/Mast & Substructure Inspections
- Derrick/Mast Bolt Inspection & Torque
- Derrick/Mast & Substructure Repair Work
- Theodolite Alignment Survey



INSPECTION

Dropped Object Survey

AIMMS uses its in-house developed packages and apps for conducting dropped object inspections. We implement programs in accordance with regulatory and customer requirements, DROPS society guidelines and AIMMS's Falling Objects and Securing of Equipment procedure. The latter contains the following requirements for establishing and maintaining measures that prevent incidents:

- Securing loose equipment
- An inspection program for safety devices for loose equipment
- An inspection program for equipment aloft
- Follow-up procedures after equipment aloft has been subjected to abnormal loads
- Operational safety measures for areas exposed to falling objects
- Physical barriers against falling objects.

Areas that we typically cover on a full survey can include the following or be specific to your individual requirements;

- Derricks & Masts
- Travel/PH Equipment
- Comms Mast
- Substructure
- Jack House & Legs
- Rig Equipment
- Moon Pool / Texas Deck
- Deck & Gantry Cranes
- Leg Columns
- Flare Stacks
- Helideck Structure
- Internal areas, mud room etc.

INSPECTION

Pressure Relief Valve (PRV) & Gauges Testing

Using our mobile workshops, AIMMS is able to perform the following inspections with a testing limit of up to 28,000 PSI. Our fully certified technicians can repair and replace spare parts on board the vessel, leaving the systems fit for use and in accordance with ASME, API and ISO.

Whether at our own workshop or using one of our mobile testing units, AIMMS only uses experienced, certified technicians to ensure the integrity of PRV's and Gauges.

AIMMS's pressure testing is carried out in accordance with our specific risk assessment and written method statement in place prior to commencing testing operations.

Testing and Certification capabilities:

- Testing and Certification of Pressure Relief Valves
- Pressure Gauge Testing and Certification
- Critical Gauge Testing and Certification
- Digital Display Testing and Certification
- Temperature Calibration

INSPECTION

Rope Access Services

With our own team of IRATA qualified rope access personnel, AIMMS has the capability to expand any of its broad range of services to areas that remain difficult to access by standard methods. This removes the requirement for alternative, generally costly and disruptive forms of access, like scaffolding.

As well as conducting inspections at height, AIMMS provide rope access teams for all types of maintenance and repair projects, even if it's just a one-off job in a tough to reach area.

Rope Access Capabilities:

- Special Periodic Surveys
- Crane Inspection
- Lifting Gear Surveys
- Hull & Tank Gauging
- Jack-Up Leg Inspections
- Above Ground Storage Tank Inspection

ENGINEERING

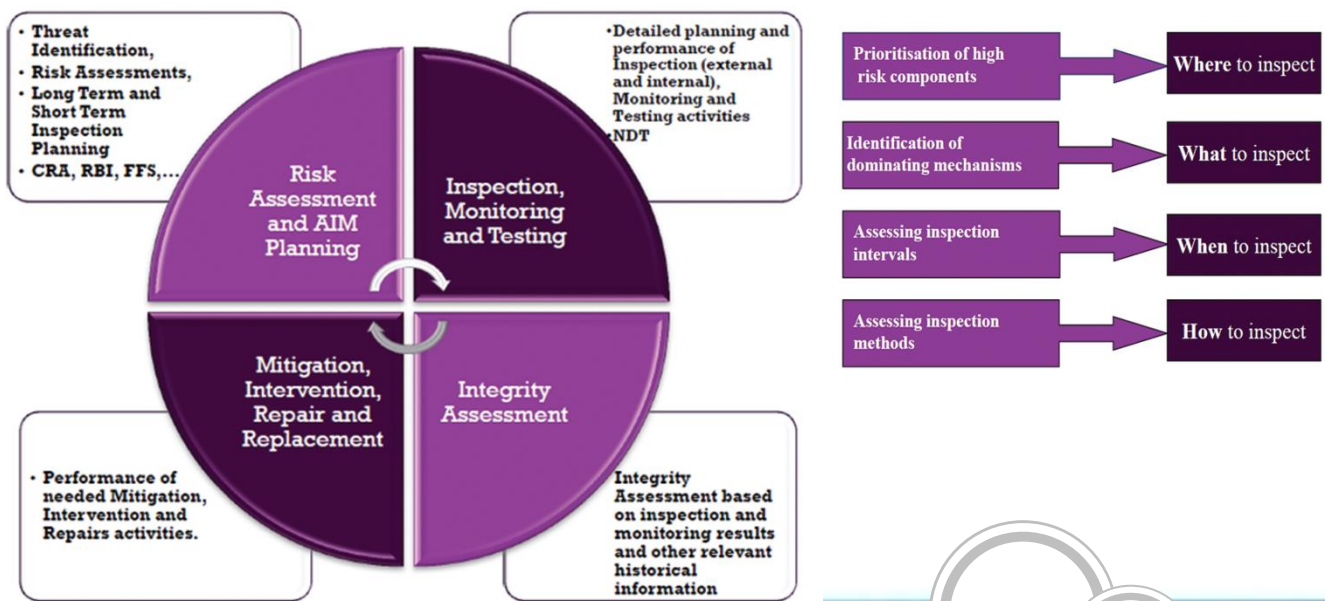
Asset Integrity Management

Asset integrity nowadays is considered as one important element to improve productivity in oil and gas production facilities (production, refining, and distribution). In the development, asset integrity arises from technical issue (maintenance, inspection, engineering assessment) to a higher level of corporate management policy. Asset integrity can be defined as the ability of the asset to perform its required function effectively whilst safeguarding life and the environment. Asset Integrity Management & Maintenance System (AIMMS) is the means of ensuring that people, systems, processes and resources, which deliver integrity, are in place, in use and fit for the purpose over the whole lifecycle of the asset.

Risk Based Inspection (RBI)

RBI is a risk assessment and management process that is focused on loss of containment of pressurized equipment due to material deterioration (API 580).

AIMMS's Asset Integrity Management Process



ENGINEERING

Design Capabilities

Include:

- Pressure Vessel Design & Drafting
- Storage Tank Design & Drafting
- Piping Design & Drafting
- Structural analysis & Design Calculations
- Reverse Engineering
- 2D & 3D Drafting Services

Project Management

AIMMS has developed its project management approach based on extensive Project Management assignments and claims experience, which gives us a unique and in-depth understanding of what can go wrong on a project. We use this knowledge to identify potential trouble spots on a project before they develop into problems and to recommend or initiate preventive action through strategic planning and controls. We vigilantly watch over all aspects of a project, from design review and long-lead items through schedule and budget updates and inspection during construction. As Project/Construction Manager or Owner's Representatives, AIMMS has managed all phases of the construction process from pre-design through completion, including cost/budget controls, scheduling, estimating, expediting, contract administration, inspections, and control of contractors and suppliers.

MAINTENANCE & REPAIR

Derrick Services

Experienced rig building teams are able to carry out all manner of repair services to onshore and offshore drilling structures.

Our Capabilities:

- Derrick Modifications
- Derrick Bolt Tightening / Replacements / Changeouts
- Derrick Lighting
- Crown Removal / Replacements
- Derrick and guide tracks shimming and alignment.
- Crown sheaves and travelling block overhaul.
- Derrick Washing, Blasting, and Painting



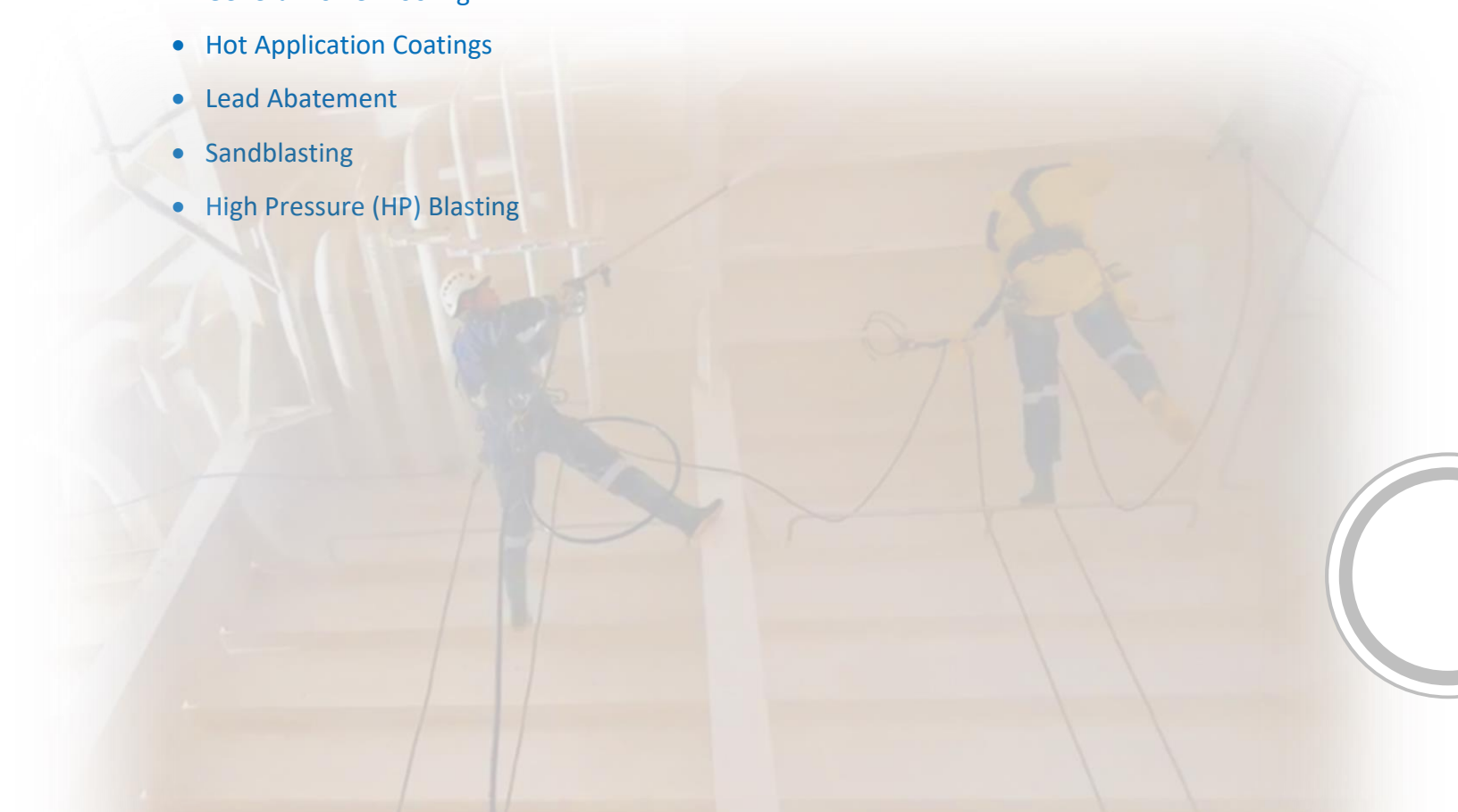
MAINTENANCE & REPAIR

Corrosion Removal and Coating Application

Corrosion and its damaging effects are a nearly universal problem in the industrial world. AIMMS offers a variety of mechanical solutions to prevent and mitigate corrosion as much as possible.

Our Capabilities:

- Abrasive Blasting
- Coating Applications & Removal
- Fireproofing
- General Power Tooling
- Hot Application Coatings
- Lead Abatement
- Sandblasting
- High Pressure (HP) Blasting



MAINTENANCE & REPAIR

Insulation Installation and Repair

We specialize in the installation and maintenance of thermal protection solutions for hot and cold high-performing assets, using metal jacketing and blanket fastening techniques.

Our insulation option including:

- Insulation with Metal Jacketing
- Insulation Blanketing
- Cladding

Lighting Installation and Maintenance

AIMMS offers a comprehensive array of electrical system repair, maintenance, and installation services to ensure that your facility's electrical infrastructure is operating safely, efficiently, and without the risk of outage.

Our electrical services include:

- Lighting system installation, repair, and maintenance
- EHT Splicing, shielding, and terminations
- Cable pull and cable tray repair, installation, and maintenance
- Electrical Raceway assessment and repair
- Instrumentation services
- Ballast & bulb replacement
- Monitoring solutions for high-mast light towers

MAINTENANCE & REPAIR

Welding & Structural Repairs

AIMMS' pipefitting services offer highly-skilled and professionally-certified specialists for flange torquing, welding, bolt tensioning and more. Supported by fully-compliant process safety management techniques and industry compliance standards, AIMMS ensures optimal function and efficiency during repairs and installation periods to reduce equipment failures, secondary damages, and downtime.

Our mechanical technicians perform welding services in support of metal fabrication and repairs. AIMMS' mechanical technicians use a variety of welding techniques, including to join together different segments of piping in the construction of a larger piping system, operating on aluminum, stainless, steel, copper, bronze, and brass materials.

Pipefitting & Welding Maintenance Services including:

- Manual metal arc welding
- Pipeline, gas, and fuel line welding
- Fitting custom steel and aluminum work
- Cutting and heating metals
- Grinding, finishing, and lagging



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