



## Onshore Assets Integrity Services

### The Challenge

Onshore Gas plant managers are required to optimise production, whilst maintaining safety and reducing costs. Gas plants are complex, high capital cost assets and need an integrity strategy that uses the latest technology to minimise costs and out of service outages.

### The Solution

EM&I have provided asset integrity and specialised inspection services to gas plants for over 30 years and in geographies ranging from Australia to Angola to Aberdeen. Our constant improvement development programme has resulted in a number of 'disruptive' technologies that bring step-change safety and cost benefits to gas plant operators.

In particular EM&I have developed compliant methods of inspecting LNG containment, insulated pressure systems and Ex equipment while achieving regulatory compliance and reducing safety risk, operational disruption and cost.

The NoMan® system allows for LNG tanks and other confined spaces to be inspected without man entry, using remote cameras, laser scanning and other specialised inspection tools, thus reducing cost and availability of LNG tanks for uninterrupted gas supply.

The EXI™ Ex Equipment inspection system uses RBI inspection strategies, non-intrusive NDT and multi-skilled COMPEX certified technicians to minimise work scope, equipment strip down and costs.

Our PSI™ system is a world leading RBI based service for pressure systems that uses the latest technology methods such as Real Time Radiography (RTR) and Backscatter Computed Tomography (BCT) to manage CUI and non-intrusive vessel inspections.

We can assist you to create, update and manage a compliant and effective asset integrity system, provide supporting inspection management and NDE services and even maintain or repair critical equipment to ensure it remains fit-for-service.

We can deliver these services anywhere in



the world through our global network using local resources to optimise costs. If your project is international, our internationally accredited quality assurance systems ensure you get a consistent standard of service excellence.

Our wide experience means that even if you have a mix of asset types for example, onshore and offshore plant, EM&I can deliver a world class service for all your assets.

EM&I's constant investment in R&D and innovation, bringing the benefits of reduced risk and increased value to your business.

### The Benefits

EM&I's experience, global capability and wide service range can provide you with a high value, world class service whatever type of assets you operate.

EM&I's multiskilled rope access teams reduce POB thus enhancing safety and optimising costs.

EM&I's innovative methods reduce risk and increase value to our Clients.

### Track Record

We measure our performance through systems like FPAL and unsolicited testimonials. Our proven track record of satisfied Clients is available on our Website.

Further information is available from your nearest EM&I office who will be pleased to discuss your particular needs.

Case Histories and References, demonstrating our capabilities and Client satisfaction, are available on our Website.

### Credentials

Health & Safety – EM&I has an outstanding HSE record and has been granted the RoSPA President's Award in recognition of winning eleven consecutive RoSPA Occupational Health & Safety Gold Awards including five Gold Medals and numerous other international awards.

Other safety awards include IFAP Safe Way Safety Achievement Awards and the Leith Offshore Safety Award.

Quality – We assure quality through accredited ISO 9001 and ISO 17020 management systems and seek continuous improvement by measuring Client satisfaction through FPAL and regular Stewardship Reviews.

Compliance – EM&I's methods are approved by Classification Societies and accepted by regulators worldwide.

Rope Access – EM&I have been a Full Member of IRATA since its inception in the 1980s.

HITS JIP – EM&I have a leadership role in the Hull Inspection Techniques and Strategy (HITS) JIP whose members include Oil Majors, Classification Societies, Regulators, Lease Operators and service companies.

## Onshore Assets Integrity Services



Pressure System  
Inspection



HAE  
Management



Flare / Telecom  
IRM



Structural  
Inspection



Piping / Vessel  
R&M



Structural R&M



Lifting Gear  
Inspection



Corrosion Protection



Cathodic Protection



Tank Inspection

### Integrated Services

EM&I's proven technical and project management means we can deliver complete projects letting you focus on your core business.

Our in-house service capability includes Asset Integrity Systems, Inspection, NDE, Maintenance & Repair, Corrosion Management, Cathodic Protection, Safety, Environmental and Engineering services.



Visit our Website:- [www.emialliance.com](http://www.emialliance.com)

