



## Ex Equipment (ExPert™) Integrity Services

### The Challenge

There are numerous electrical components on Oil / Gas assets that operate in hazardous areas. These are safety critical and need to comply with regulatory and corporate standards which includes the need for detailed internal inspection of components that require system isolations.

### The Solution

EM&I has developed a comprehensive and cost effective solution to assist Operators to manage their HAE Integrity.

EM&I has developed a non intrusive method for detailed inspections without having to isolate systems or dismantle and reassemble components.

EM&I's global package includes:

- Development of an accurate asset register
- A proven, compliant and accepted risk assessment process to define and prioritise integrity assurance actions
- Competent and qualified rope access trained HAE Inspectors
- Provision of a database for managing HAE integrity that interfaces with Operators' Maintenance Management Systems
- Non intrusive innovative inspection methods

### The Benefits

The benefits of the EM&I approach are:

- Cost reduction
- Enhanced Safety
- Reduced POB

### Track Record

EM&I measures 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 which 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 being awarded eleven consecutive RoSPA Occupational Health & Safety Gold Awards including five Gold Medals and numerous other international awards.

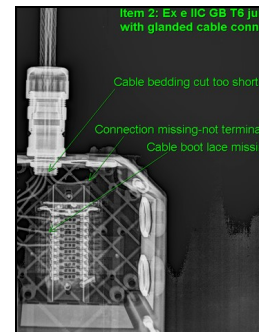
Other safety awards include IFAP Safe Way Safety Achievement Awards and the Leith Offshore Safety Award.

Quality – EM&I assures quality through accredited ISO 9001 and ISO 17020/17025 management systems and seeks continuous improvement by measuring Client satisfaction through FPAL and regular Stewardship Reviews.

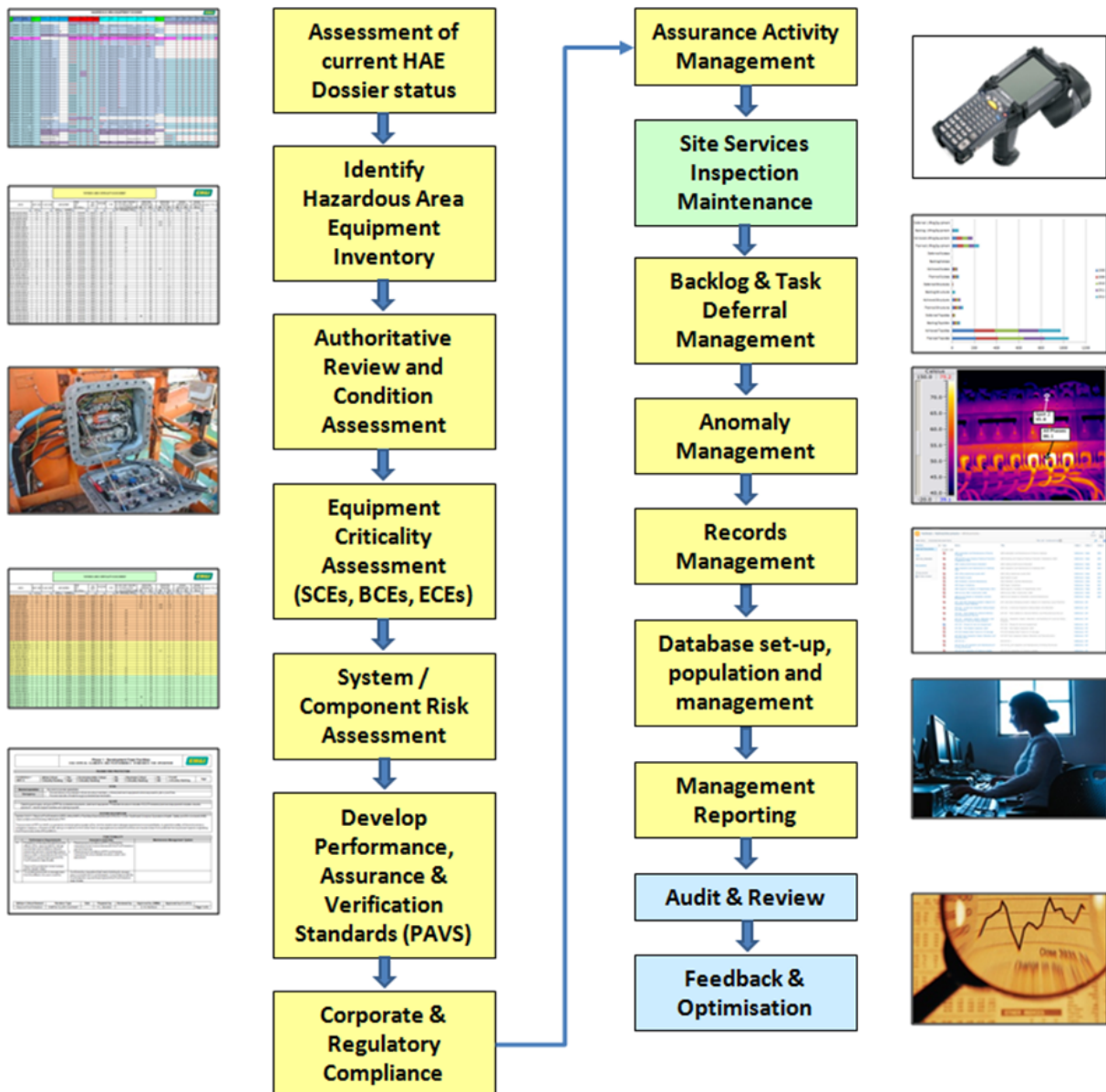
Compliance – EM&I's methods are approved by Classification Societies and accepted by regulators worldwide.

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

HITS JIP – EM&I has 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.



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## HAE Process Summary

### Integrated Services

EM&I's proven technical and project management experience means we can successfully deliver complete projects thus 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)

