



## Automatic IGLOO

Patents granted - please refer to [www.emialliance.com](http://www.emialliance.com) for patent information

### The Challenge

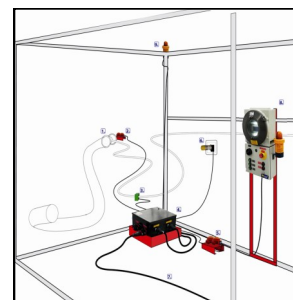
Hotwork is an important activity on operating assets but it can raise serious safety issues if not managed properly.

### The Solution

Automatic IGLOO is a means of significantly enhancing the safety of hotwork in hazardous areas by providing a controlled and comfortable working environment for various tasks. It is safer, more flexible and more cost effective than traditional habitats, and also releases more bed spaces for other priority work.

The Automatic IGLOO is a modular add-on to the standard IGLOO habitat, and is an innovation designed by practical engineers with wide industrial hands-on experience, ensuring that the habitat can be rapidly installed in any orientation in a wide variety of shapes and sizes to suit any application. The Automatic IGLOO is also fully compliant with ATEX industry 'best practice' standards and provides these benefits:

- Enhanced safety: Constantly monitors safe condition and all critical habitat parameters, including flammable gas, oxygen levels, pressure etc., thus reducing the risk of human error - adverse conditions automatically trigger automatic shutdown and evacuation procedures
- Reduced costs and POB
- Reliability through use of fail-safe and self-test principles
- Flexibility in size, location and type of workscope



### The Benefits

EM&I has developed a wide range of innovative specialist equipment and methods to assist with O-AIMS services to the Oil, Gas and Petrochemical industries. Automatic IGLOO is the latest innovation to be launched by EM&I, and joins a comprehensive set of products and services that are accepted industry-wide as best practice systems. The innovations are the result of the latest technologies from market and proprietary techniques developed by EM&I.

### 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** – We assure Occupational Health & Safety through our ISO 45001 accredited Health & Safety Management System. EM&I has an outstanding HSE record and has been awarded twelve, consecutive, RoSPA Occupational Health & Safety Gold Awards including five Gold Medals and four President's Awards plus other international awards.

Other safety awards include a platinum IFAP Safe Way Safety Achievement Award in Australia and the Leith Offshore Safety Award.

**Environmental** – We assure Environmental performance through our ISO 14001 accredited Environmental Management System.

**Quality** – We assure quality through our ISO 9001, ISO 17020 and ISO 17025 accredited Quality 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.

## Automatic IGLOO



### 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)

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