



The first DNV 2.7-2 certified **Hot Works Habitat**



# Bringing projects **together**

**Aiken Group offers a mix of multi-disciplinary services, all from one source. This synergistic approach means no unnecessary barriers, allowing our team to make more informed decisions on projects. Working in this way gives us a more detailed view of every project, giving greater control and faster response times. We believe that nothing should get in the way of delivering the best service to our clients.**

Aiken Group have provided WELHAB habitats since the late 1980s and continue to develop the technology to be more robust and adaptable whilst always providing the standard of safety expected. The construction is designed to encompass any shape or size of area, encapsulating existing fixtures, pipework and obstacles.

WELHAB provides a safe working location within hazardous areas, creating a secure, well lit and isolated working environment which mitigates the risks associated with hot works.

WELHAB can reduce the size and costs of maintenance crews, avoiding shutdown/turnaround and loss of production (non-delivery penalties) and takes pressure off crews (less man hours).

The Aiken Group system is unique and utilises proven and certified

technologies to provide flexible, durable and safe habitats for the most demanding jobs. All components are provided by quality approved vendors and come with the appropriate certification to ensure that the completed structure is ATEX compliant.

The system is designed for fast simple installation by teams of competent Habitat Technicians and to accommodate all types of hot work in hazardous areas (Zones 1 & 2).

Offshore survey, design, installation and testing work will be carried out by experienced personnel. Aiken Group utilise the survey to ensure provision of the most suitable structure to meet the clients individual needs and to ensure that all potential safety issues are identified, risk assessed and mitigated prior to mobilising materials to the platform.

# Zone I **Hot Work Habitat**

Fully certified to ATEX, IECEx, DNV 2.7-2 & full NORSOK

- Constant monitoring of air flow & module pressure
- Internal and external gas detection, 4 off Hydrocarbon detectors & 2 off Hydrogen Sulphide detectors
- Internal heat detection
- 1 off ESD internally & 1 off ESD externally
- 1 off ESD Junction Box. This allows the systems shutdown system to be tied into the rig shutdown system
- Instant shutdown for dramatic loss of pressure e.g. should the habitat suffer a loss of pressure for any other reason apart from opening the door, it will shut down instantly
- All electrical components are dual certified (ATEX & IECEx)
- Sounder/beacon is activated on loss of pressure, overpressure, loss of flow, fire detection & gas detection





**Aiken Group is the industry expert in multi-disciplinary services for offshore fixed oil & gas Installations, drilling rigs, FPSOs, flotels and land-based modular constructed facilities. Specialist services include:**

- **Welhab: Hot works habitat**
- Accommodation Upgrades/ New Builds
- Onshore & Offshore Surveys/ FEED/Engineering
- Project Management
- Electrical/Plumbing
- HVAC & Refrigeration
- Offshore Door & Window Maintenance
- A60/H120 & Blast Rated DNV Modules
- Facility Management Services
- Modular Fleet Hire
- Integrity Testing/Duct Cleaning
- Marine Consulting
- Project Controls Consultancy



**[www.aikengroup.com](http://www.aikengroup.com)**

**T +44 (0) 1224 244300 F +44 (0) 1224 899076  
E [sales@aikengroup.com](mailto:sales@aikengroup.com)**