

## HOT WORK MANAGEMENT FOR OFFSHORE BROWNFIELD PROJECT

Design, installation, and management of multiple modular, pressurised, climate-controlled hot work habitats and the provision of IECEx certified hazardous area electrical rental equipment. Work commenced in Q2 2022 and is expected to continue through 2025. The purpose of this scope of work is to assist the brownfield team with the ongoing structural and piping upgrade work on the main Central Process Facility, culminating in the installation of the 4800-tonne Boost Compression Module scheduled to land on deck in Q3 2024.

### THE CHALLENGE

Installing, maintaining, and re-positioning large habitats in difficult to access areas across a fully operational facility, with POB constraints, space for only 2 regular Safehouse technicians to perform these tasks is an incredible challenge. These constraints limit most initial site surveys to a 3D model survey of the work scope carried out by our Perth-based project engineering team.

### OUR APPROACH

Since this project commenced, Safehouse Operations team have been actively involved in every major Constructability and HAZID relating to this scope of works. We have maintained constant communication with on-site technicians and client project managers throughout the entirety of the project executing work in a timely manner without delays.

### OUR SOLUTION

Safehouse supplied 4 large modular habitat systems complete with IECEx-certified ventilation, in-line gas detection, power distribution and climate-control equipment. Focusing our limited onsite manpower on planning and construction by training contractor personnel to act as firewatchers during hot work activities made efficient use of all available resources on the facility.

Long-term engagement of the IECEx equipment required Safehouse maintaining a full 100% inventory surplus of all items to enable a direct replacement when equipment was exchanged for its annual recertification, eliminating operational interruptions inherent in other approaches.

### THE RESULTS

The work to date has been very successful with 34+ modular habitats being constructed and worked in over a 16-month period, with zero safety incidents. The works will continue into 2024 and the Safehouse team is confident that the momentum will continue until project completion.

### CLIENT TESTIMONIAL

"I've been engaging Safehouse in support of the brownfield expansion work on [facility name] for the past 2 years. In the lead-up to the installation of the 4800-tonne Boost Compression Module the project continues to require a significant number of high-risk hot work activities to ensure on-time preparation for delivery in September 2024. To meet strict shipping schedules, punctuality and thorough pre-planning are vital. Safehouse has proven to be exceptionally reliable in this regard and have never missed a deadline. Large scale projects like this present a host of evolving challenges and their responsiveness to each has been second-to-none. Their deep understanding of the scope of work has made my dealings with them incredibly easy and they are not afraid to go above and beyond to ensure successful outcomes"

**Customer Project Manager**

### STATISTICS

60+

PRESSURISED HABITATS BUILT

16+

MONTHS OF CONTINUOUS WORK

0

SAFETY INCIDENTS



Shot on Smart-Ex02



Shot on Smart-Ex02



Shot on Smart-Ex02