

# SAFESPEAR

ASSET INTEGRITY SERVICES



## COCOON HABITAT

The SafeSpear Cocoon Pressurized Habitat with the Einstein Control System empowers your team with unparalleled safety and flexibility in hazardous environments. Experience peace of mind knowing that your welding scope is safeguarded with our innovative habitat solution.

The SafeSpear Cocoon Habitat is an incredibly advanced pressurised welding enclosure. It uses 800°C rated and antistatic material which is incredibly tough. The panel architecture is modular and flexible, only 12 panel types are required to deal with every imaginable challenging installation. The doors utilise aerospace materials to be large and strong yet lightweight, they have a large integrated window featuring welding screen and antistatic materials to ensure safe operation and oversight of the hot work operation.

### APPLICATIONS



LNG  
Refineries



Offshore  
Platforms



Chemical  
Plants



Shutdowns  
& Turnarounds



[www.safespear.com.au](http://www.safespear.com.au)

### Technical Specifications

|                          |                                                                            |
|--------------------------|----------------------------------------------------------------------------|
| Certification            | ATEX, IECEx & UKEX                                                         |
| Zones                    | 1 & 2                                                                      |
| Temperature Range        | -40°C to +55°C                                                             |
| T-Rating                 | T4                                                                         |
| Panels                   | 12 Standard Panels                                                         |
| Panel Material           | CST FRAS 800<br>- flame retardant<br>- antistatic                          |
| Panel Temperature Rating | 800°C                                                                      |
| Doors                    | Airlock                                                                    |
| Door Height              | 1700mm                                                                     |
| Door Material            | Flame retardant<br>Antistatic<br>Welding screen                            |
| Door Safety Features     | Full width panic bar<br>Manometer<br>Airlock vent<br>Open to left or right |