

SABRE SAFETY LIMITED

Tempest Low Pressure Delivery, Breathing Air System



Sabre Safety Services provide the complete integrated safety system. Based upon a standardised modular concept, our system is totally flexible in application and complies with, and indeed exceeds all current safety legislation.

The Skid Mounted Unit is suitable for extended operations in any irrespirable atmosphere be it toxic, explosive, or oxygen deficient. These systems are ideally suited for work in oil and gas exploration and production, major refinery and plant shutdown, tank cleaning and refurbishment and utilities such as water, gas, and sewage. This lightweight system can also be utilised by military organisations, civil defence and emergency services for decontamination, disaster relief and emergency response throughout the world.

The supplied breathing air system is based on a fully transportable skid mounted unit measuring approximately 1.3m x 2m x 2m. It is certified to DNV 2.71 making the system cost effective, mobile and efficient while meeting all current Offshore Requirements.

The integrated safety system is based on a standard core design and includes but is not limited to:

A cascade airline system delivering positive pressure breathing air to 6 outlet connection points, a stored reserve of high pressure air with a capacity of 50 man hours of independent duration.

The high pressure (4500psi/300bar) air supply is fed via high pressure lines to the main control distribution panel. The high pressure air is then reduced at the control panel to 7 bar. This reduced air is then fed into the distribution manifold for delivery to the 6 breathing air hose reel connection points.

The distribution manifold can be split. This allows for immediate repairs to one half of the system without having to shut the entire system down. An additional benefit from the cascade system is the capacity for the introduction of additional high pressure air from a secondary source should this be available or required.

The breathing apparatus incorporated within the package is the positive pressure Sabre Flite combined escape/ airline working sets. These units meet all current EN standards and require minimum maintenance and more importantly are robust enough to cope with the harsh working environment encountered in the oil, gas and petrochemical industries.

The Skid Unit consists of a steel frame complete with forklift ports below and shackle lifting points on top. It has hinged side and rear panels to allow access to the manifold, hose reels and cylinders. Gross wt of the unit is less than 2500Kgs and is mounted in a substantial crash frame.

This system is also available incorporated onto a high speed 4 wheel trailer base.

The complete package provides flexibility, strength and protection, easily transported to any area with no set up time required on arrival.