

SABRE SAFETY LIMITED

Typhoon 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 trailer mounted unit is suitable for extended operations in any irrespirable atmosphere be it toxic, explosive, or oxygen deficient. The 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 air mobile system can also be used for emergency response, designed to be utilised by emergency services and civil defence organisations for disaster relief throughout the world.

The supplied breathing air system is based on a fully transportable trailer mounted unit therefore making the system both, cost effective, mobile and efficient.

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

A cascade airline system, this consists of a high pressure stored air reserve, with a capacity of 50 man hours of air. 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 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 supply from a secondary source should this be available or required.

The breathing apparatus incorporated within the package is the 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 trailer unit itself consists of a steel frame complete with hinged side and rear panels to allow access to the manifold, hose reels and cylinders. Gross wt of the unit is less than 2000Kgs and is mounted on twin Avonride over run braked axles. The trailer is fitted with a lockable hitch & retractable jockey wheel. Lighting complies with Construction & Use Regulations.

