

## **SABRE SAFETY LIMITED**

### **Hurricane High 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 airmobile system can also be used for emergency response, designed to be utilised by emergency services and civil defence organisations and is ideal for many other applications including disaster relief throughout the world.

The supplied breathing air system is based on a fully transportable trailer mounted unit therefore making the system 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 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 a remote 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 4 breathing air hose 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 trailer unit 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 Avon ride over run braked axles. The trailer is fitted with a lockable hitch & retractable jockey wheel. Lighting complies with Construction & Use Regulations.

