UNITED
United Safety

Air TreQ™ Escape

The shift towards more challenging gas extraction development projects requires a deep understanding of the risks and challenges of operating in sour gasfields. While facilities are equipped with gas detection monitors, unexpected toxic gas releases will always be a risk for plant personnel.

That is why United Safety developed the Air TreQ™ Escape. A pioneering solution, it consists of a mobile, high-pressure, self-contained breathing air system designed to provide personnel working in IDLH environments with extended emergency breathing protection without sacrificing mobility.

When an emergency happens, personnel gather at the muster point. An evacuation plan must then be executed to take personnel to a safe zone, but depending on the distance to be covered, they might not have enough air left in their breathing apparatus. The Air TreQ™ Escape provides the breathing air and mobility necessary to take a crew of up to nine personnel from the muster point to the safe zone.

In addition to breathing air, it comes equipped with emergency survival tools such as a first aid kit, radio, flashlight and gas detector to ensure that personnel have all the gear they need to proceed safely.

Safety and Productivity. Delivered.

Keeping personnel safe during emergencies.

The Air TreQ™ Escape is a mobile emergency protection air delivery system that ensures effcient evacuation of personnel to a safe zone.

Light pole allows the unit to be seen through smoke or fumes

Storage compartment for emergency survival tools such as frst aid kit, radio, flashlight, gas detector, compass, safe zone map and any other equipment necessary as per site requirements

If the unit is being carried by only one or two people, the top can be easily removed to reduce weight

Large gauge facilitates pressure reading

On and off valve for the operator

Lock-in handle lifts the wheels off the ground providing a break and allows operators to drag the unit

High pressure 5500 psi tank air supply with 1000 cu ft air

United Safety operating panel for refilling and pressure regulation

Special flling station directly connected to the high pressure air supply refls breathing air cylinder in 30 seconds

Nine pockets containing air mask or airline to directly connect to breathing apparatus

Fully articulated wheels make it easy to drive through tight corners or rough terrain

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