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Company Profile

United Safety is a leading global provider of specialised safety equipment, personnel and solutions to the oil and gas industry. For over 27 years, United Safety has been delivering proprietary, innovative solutions that improve safety while enhancing efficiency. It employs over 1,000 people from different backgrounds for its operations in the Americas, Africa, Middle East, Asia and Europe.

United Safety has three key areas of focus; Upstream, Industrial and OSIMS™. In the upstream environment, United Safety has provided safety services for over 153 offshore and onshore rigs across the globe. From small facilities to some of the world's largest, United Safety has provided industrial safety services and rental equipment for over 789 turnarounds and shutdowns. Through its OSIMS™ services, the organisation provides a leadership driven risk management approach that integrates operationally excellent processes, standards and behaviors to daily operations.

United Safety has worked closely with all major Oil and Gas companies and contractors across the globe to deliver innovative safety equipment and an elite team of EH&S specialists who promote and strengthen worksite safety culture. It is a thought leader in the global safety industry. The company has introduced a number of safety innovations that have revolutionised the industry and set new safety benchmarks. The company places the highest priority on the health and safety of the workforce and the protection of customer assets and the environment.

Product Information

Confined space work is a challenging aspect of a maintenance project. Accidents can occur if potential hazards are not properly managed. This considerable level of danger calls for extra safety measures, such as constant monitoring and record keeping of confined space work by an attendant positioned at the opening. However, the duties of the attendant are restricted to the outside of the vessel.

United Safety is launching the TeQ™ Shield, an innovative confined space monitoring solution at ADIPEC. TeQ Shield provides enhanced safety capabilities including remote monitoring of the interior of a confined space vessel.

The safety operator at the command center has continuous awareness of all confined space work, monitors gas levels, controls worker access information and can communicate with personnel outside and inside the vessels. In case of emergencies, he is able to convey valuable information to the rescue team prior to their arrival.

TeQ™ Shield's unique features include cameras with day/night vision. Recorded video and gas detection logs can be utilised for training or investigations.

Two-way communication — outside and inside of the confined space — keeps personnel in constant contact with the command centre.

The TeQ™ Shield comes with continuous real-time gas detection. In case of danger audible and visual alarms ensure proper evacuation of the vessel. An access control feature allows only authorised individuals to gain access to a confined space with their site badges, enabling an accurate count of who is present in the space.

With TeQ™ Shield, safety in and around confined spaces is redefined. United Safety sees this as the path to the future of a technical turnaround, where liabilities are greatly reduced and safety takes a quantum leap through the implementation of technology.