

To provide onsite workers with a safe option to muster-in-place during their commute through an IDLH environment.

Air Qruise technology incorporated gas detection, breathing air and automatic shut off to provide a safe muster-in-place option for workers while help arrived.

Challenge

Workers needed a safe muster-in-place option on their commute through an IDLH zone in case toxic gas was detected.

Solution

Trucks from the customer’s fleet were retrofitted with Air Qruise technology that incorporated gas detection and breathing air with an automatic shut off system when toxic gas was detected.

Results

14 Air Qruise Troopers have provided over 100 workers with over 30,000 manhours of safety in an IDLH environment.



Background

The customer is a sour gas operator and needed to provide a safe ‘muster-in-place’ option for workers while commuting between field and the designated area in an IDLH environment. The solution was co-designed with the client to ensure it was tailor-made to their exact requirements.

Key Benefits

- Reliable and safe muster-in-place option for workers commuting through an IDLH environment.
- Vehicle automatically shuts off as soon as gas is detected immediately alerting the occupants to don masks and take appropriate safety measures.
- Versatile and flexible solution that could be retrofitted on a range of vehicles including 1 ton to 5-ton trucks, SUVs, forklifts, dump trucks, cranes and even a bus.
- Allows workers to safely muster-in-place and work in IDLH environments.
- Originally designed for 4 people in a SUV but can now accommodate 20 people in a bus.

Results

A safe solution co-designed with the customer which has been on the field for over 10 years.