

Provided H₂S safety services and a full range of breathing air systems to support the customer's drilling programs in South Africa.

Provision of H₂S supervision, training and breathing air equipment to ensure safety in an H₂S emergency

Challenge

Mitigate risks during drilling operations into high pressure H₂S reservoirs and open water exploration in offshore drilling rigs with a high concentration of H₂S

Solution

Provision of safety management services including equipment, emergency training and regular testing and sampling

Results

Onsite drilling engineers and personnel can work assured that all H₂S services were performed by qualified and certified personnel

As part of the customer's drilling program, they brought their offshore rig into areas known for high concentration of H₂S thus requiring qualified H₂S safety supervisors and breathing air apparatus. They identified the need for H₂S safety protection while drilling into high pressure H₂S reservoirs and during open water exploration on offshore drilling rigs. On board safety concerns involved H₂S supervision, training, breathing air equipment support packages as well as regular gas testing and sampling during critical circulations.



South Africa

KEY CUSTOMER BENEFITS

Installed Gas Safety Systems

United Safety provided H₂S safety services inclusive of breathing air and gas monitoring systems. The installed breathing air system comprised of breathing air compression, high volume storage, high pressure distribution, and personnel breathing apparatus ranging from 5 min to 60 min capacities. The installed gas monitoring system comprised of stand-alone units, fixed continuous gas monitoring, portable multi-gas monitoring, and personal single gas monitoring.

Provided qualified certified H₂S safety management

United Safety provided onsite supervisors to take care of all breathing air and gas monitoring equipment service and maintenance requirements. United Safety also mobilized qualified gas testers, gas testing/sampling requirements and certified H₂S training instructors. Supervision was provided during drilling, work over and completion operations with qualified managerial support.

Developed emergency response plans and evacuation training

United Safety developed H₂S and emergency response/evacuation plans. United Safety supported the customer's objective of building a highly skilled workforce by establishing a local operations base to ensure immediate mobilization from base to location and training all personnel on board the rigs and vessels.