



Zone 2 Rated Dive System delivered within four months of winning the contract.

Client	FSDS International
Date/ Year	August 2016 - February 2017
Service details	The ABS 3 CON 1800 is a compact three container air dive system with an 1800 DDC. HP air storage banks are integrated into the containers for reduced deck space, mobilisation time and better weather protection. For enquiries contact : diving@uniquegroup.com

Summary of the Project

Unique Group's Diving & Life Support division was selected to build an ABS Classed, Zone 2 rated, Air/Nitrox Diving System by FSDS Diving Services in August 2016 and we delivered it within four months by February 2017.

Client Requirement

The client had a requirement for a Zone rated system which is used on diving projects on FPSO's (Floating production storage and offloading) where there is risk of hazardous and flammable gas clouds such as H₂S. These systems are to be designed for continuous operations during a gas cloud. The diving system is enclosed in pressurised and fire rated containers. The containers are kept safe using gas protection systems and control over-pressurised spaces.



Zone rated Dive Control



Unique Solution we delivered

The Diving & Life Support division of Unique Group successfully delivered a state-of-the-art, Zone 2 rated, Classed Surface Nitrox Dive system to FSDS Diving Services, to the Asian based subsea service provider within four months of winning the contract.

The diving system supplied was ABS Classed, ATEX Zone 2 certified, IMCA compliant and rated to -20 degrees Celsius. The system comprised an 1800 decompression chamber, a dive control and client area, machinery and gas storage space, each housed in EN12075 offshore lift containers. A pair of hydraulic zone rated open cage diver LARS units were provided with the system.



Zone Rated Machinery Container

The Zone rating of the dive system was designed by highly specialised engineers at Unique Group with full compliance to ATEX and the latest IMCA guidelines for safe and effective diving operations. The workshop facilities in South Africa and UAE worked in conjunction to have the system delivered on time.

Benefits delivered

- Compliant to ATEX and IMCA guidelines
- Timely delivery
- Customised as per client requirements