

ADCO, UAE

Hytera Provides Explosion Proof Devices for Abu Dhabi Oil Company

User
Abu Dhabi Oil Company, UAE

Market segment
Oil & Gas

Project time
2010

Products
TC-700 Portable Radio
TR-800 Repeater

Features

- DMO for Intra-group communication
- Repeater mode for inter-group communication
- Emergency alarm
- Scan function



About ADCO

The Abu Dhabi Company for Onshore Oil Operations (ADCO) operates onshore and in shallow coastal water of the Emirate of Abu Dhabi, one of the seven members of the United Arab Emirates which was established in 1971.

ADCO acts on behalf of its Shareholders to explore, develop and produce hydrocarbons within its area of operations.

The company produces mainly from six oil fields: Asab, Sahil, Shah, Bab, Buhasa and North-East Bab (Dabbiya, Rumaitha & Shanayel). It's one of the biggest Oil & Gas Exploration Cooperation in UAE.

Challenges

It's well known that in the Middle East Oil and Gas industry is one of the key industries among all economic source. The exploring and development of Oil and Gas have already developed into a completed industry chain and all related service and equipment require high level standard to avoid any possible personal and property loss, especially the electric equipment. Meanwhile as Oil and Gas Exploring is a highly integrated and complex industry asking for tight cooperation among all staff in the group, efficient communication will highly increase the productivity as well as safety. As the onshore and in shallow coastal water operator of the Emirate of Abu Dhabi, ADCO requires a convenient and efficient communication solution which should meet the High Explosion Proof Standard under the hydrocarbons environment.



TR-800

TC-700



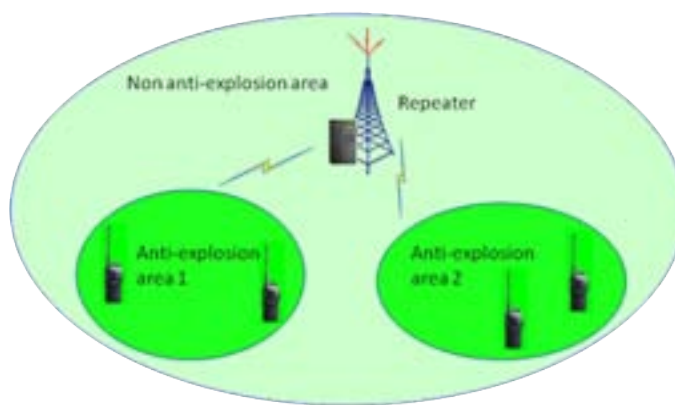
Customer Demands

Considering the Challenges above, ADCO proposed the following requirements for their communication solution:

1. Meet anti-explosion requirement to protect the staff safety.
2. Realize large range coverage in case of wide range accident notification.
3. "All call" Super Priority ensures everyone will receive the signals when accidents happen.

Solutions

Considering ADCO's High Explosion Proof Security Standard, Hytera offers our TC-700 FM I.S. Radio as the key equipment of their communication service. TC-700 FM meets the I.S. Class I, II, III, Division 1, Group C, D, E, F, G, T3C FM Approval Standard. The Intrinsically Safe Design of the electric board prevents the radio from igniting flammable gases or fuels and it will be extremely applicable for ADCO's exploring environment.



Another big concern for ADCO is to protect the staff when danger happens. With TC-700 FM's Multi Safety Assurance including Man Down, Lone Worker and Safety Check, the staff and their partners can get the present state of all working staff at the first time and it will allow appropriate action to be taken without any delay which may damage the property or affect personal safety.



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