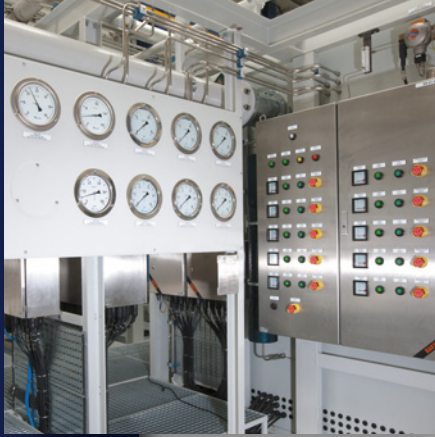


# 4422-COM

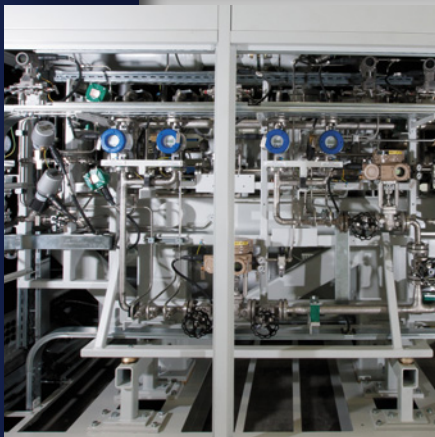
# 6559-COM



End 2005 Airpack received a request for quotation for the Ogbainbiri & Tebidaba Flowstation Project in Nigeria through Daewoo Engineering & Construction in South Korea.

The tender called for a gas compressor package suitable to boost wet natural gas containing CO<sub>2</sub>.

Towards the end of 2008 Airpack received the official purchase order for the supply of the requested package and began construction late 2009.



The package is stationed at the Ogbainbiri & Tebidaba Flowstation Project in the swamp area of the Niger delta, Nigeria. The flowstation is owned by the Nigerian Agip Oil Company Ltd (NAOC) and the executing contractor is Daewoo Engineering and Construction.

The compressor package consists of a single stage, oil free screw compressor which will boost the gas from 1.01 Bar(g) up to 3.9 Bar(g).

The entire package is suitable for placement in hazardous area with all electrical components suitable for Zone 2 and all instruments Zone 1 certified.

The package is also supplied with a complete API 670 Bentley Nevada vibration monitoring system capable of monitoring the main e-motor bearings and the compressor vibrations.

API standard is also applied for the gas compressor, lubrication system and after cooler. And control system is based on remote control panel including redundant PLC.

In November 2009 Airpack and SK Engineering and Construction (SKEC) of Korea signed the purchase order for the delivery of the air compressor and dryer packages to the Bab Gas Compression project in Abu Dhabi.

The three complete units, each consisting of 6 compressors and a set of dryers are needed for utility air and feed air to the nitrogen generators at site.

Shortly after signing of the purchase order Airpack began constructing the eighteen compressor packages together with the three large dryer skids. The complete scope has been shipped before the end of 2010

The compressors are of oil free, two-stage, air cooled type and are driven by an electrical motor. Capacity of the compressors is 490 Nm<sup>3</sup>/hr at 9.5 Bar(g) discharge pressure.

The linked dryer packages are of heatless desiccant type and reach a dew point of -10°C at 9 bar(g).



Specialties of these packages include amongst others suitability to be placed in the 55°C environment present at the site. Instruments certified for zone 1 and completely redundant and SIL III certified PLC's. Main- and fan motor are of Eex'd certification.

