

PROJECT CASE STUDY

IN SALAH GAS COMPRESSION PROJECT

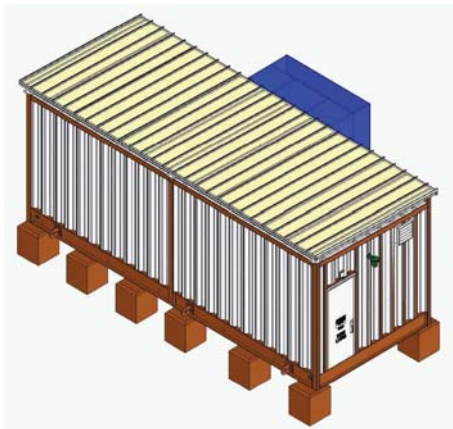
In Salah Gas is home to a very large project that involves the development of eight gas fields in the Sahara. The fields produce 9 billion cubic meters per year and feature one of the world's first full-scale CO2 capture efforts, with around 1 million tons being injected annually.

The phased development features gas development, CO2 storage and duration research. Through our customer, Rockwell, and their distributor, Lectrus was asked to integrate generator and motor control centers into a robust, blast resistant, walk-in metal enclosure. The project objective was to maintain gas production levels, using gas turbines to drive the gas compressors.

After final engineering drawing approval, it took Lectrus only eight weeks to have the 75,000-pound, Type 3 blast resistant equipment center built, inspected and ready for shipment. The center featured an 8-inch thick wall (3/4-inch crimped plate outer wall with a smooth interior wall), 5-psi blast-rated doors, two air-lock entry rooms, blast resistant dampers and a custom HVAC system designed to operate in a 130-degree Fahrenheit desert environment.

Lectrus demonstrated its flexibility and responsiveness throughout the design and fabrication process, accommodating 23 revisions while maintaining an expedited construction schedule.

For more information about our company, products and services, or to request a proposal for your next project, please visit lectrus.com or send an e-mail to info@lectrus.com.



PROJECT PROFILE

// PROJECT //

In Salah Gas Compression Project

// LOCATION //

Central Algerian Sahara

// MARKET SEGMENT //

Oil & Gas

// EQUIPMENT PROTECTED //

Generator & Motor Control Centers

// PRODUCT //

Blast Resistant Equipment Center – Type 3

// BLAST RATING //

Exceeded 2.5psi @ 60 ms
(Low Response)

// ENCLOSURE SIZE //

14ft x 35ft

// DATE COMMISSIONED //

August 2009

// CUSTOMER //

Rockwell

// OWNER //

In Salah Gas
(Sonatrach, BP & Statoil)

lectrus

ENGINEERED TO SPEC. BUILT TO LAST.

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