



RebarCAD
World Class Rebar Software

CASE STUDY

In Salah Gas Project, Algeria



Petrofac

EVERYTHING WAS A CHALLENGE WITH THE "\$1.2 BN - IN SALAH GAS PROJECT". IT WAS AWARDED TO PETROFAC, A PREMIER EPC FIRM, BY A JOINT VENTURE BETWEEN STATOIL ASA (31.85%), BP PLC (33.15%) AND SONATRACH (35%). THE TERRAIN WAS HOSTILE NORTH SAHARAN DESERT LAND, WITH TEMPERATURES REACHING 50 DEGREES CELSIUS.

The finished gas plant was expected to handle 17 million cubic metres of gas, making it one of the biggest in the world. In addition, the plant boasts of a zero CO₂ emission by having a capacity to store nearly 20 million tonnes of the pressurised greenhouse gas, thereby becoming the first full industrial scale carbon sequestration plant in the world. But Petrofac was used to challenges.

CONTRIBUTION OF REBARCAD SOFTWARE:

The project involved complicated reinforcement drawings for industrial structures to be detailed in a short space of time. Several thousand tonnes of reinforcement was detailed on about 500 drawings in a record duration. The professionals at Petrofac not only met the challenges that were set out for them when the project was awarded, but they did it with panache. The performance enhancement tools like the area detailer, macros, circular bar detailer etc. in the RebarCAD software

played their part in helping the professionals of Petrofac set and break new standards in rebar engineering.

ABOUT PETROFAC:

Petrofac is an international service provider to the oil & gas production and processing industries. 2011 marks Petrofac's 30th year in business. From 25 members of staff in 1981 Petrofac has grown and evolved into a global business with more than 15,000 staff. Over the past 30 years Petrofac has continually developed to meet new challenges and support the changing needs of their customers. This focus remains today.

ABOUT CADS SOFTWARE INDIA PVT LTD:

RebarCAD software and its rebar engineering and information processing suite is the world's number one solution of its kind. Over 100 million man hours of reinforcement engineering is being carried out by RebarCAD around the world each year.

In business for about 37 years, CADS is one of the world's leading developers specialising in solutions for the international construction industry. CADS has an installed worldwide user base of more than 5000 customers, who use in excess of 48,000 copies of CADS supplied programs in more than 70 countries. customers, who use in excess of 48,000 copies of CADS supplied programs in more than 70 countries..

REBARCAD CUSTOMER:

Petrofac International

CLIENT/OWNER:

JV - Statoil ASA, BP Plc. and Sonatrach

LOCATION:

In Salah, Algeria

DURATION OF PROJECT:

12 Months

NUMBER OF DRAWINGS:

Ongoing

VALUE OF CIVIL WORKS:

₹2 billion / 400 million USD



AUTODESK
Authorised Developer

Microsoft Partner
Gold Application Development



GLOBAL CONSTRUCTION
SOFTWARE AND SERVICES

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