

# JOB REPORT



## POWER CONTROL MODULE - PAZFLOR



**Year** : 2010  
**Project Name** : Pazflor FPSO - Angola  
**Operator** : Total  
**ATC project no.** : 1917

**Size (L x W x H mm )** : 15800 x 7350 x 7700  
**Weight (kg)** : 121,000 with all equipment installed.  
**Materials** : 4mm Mild Steel, painted to NORSOK M501  
**Classification** : A0  
**Certification** : DNV rules for Offshore 2.7.1

### **Project Description / Challenges:**

The PCM was delivered fully complete with comfort insulation, external and internal doors, raised floating floor with removeable panels, separate internal rooms for the Variable speed drives, HVAC panels, MCC's and HPU.

A complete ventilation system was designed and installed on a roof module, including Air cooled condensers to handle 250 kw heat loss from equipment.

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## Scope of Work:

ATC's scope included design engineering, fabrication, outfitting and testing of the complete module.

This included full multi-discipline responsibility which involved, structural layout/outfitting, Electrical cabling/ installation and Instrumentation.

The Ventilation systems including internal ductwork, fire dampers, pressure relief dampers, ducting, refrigerant piping, drain piping, fans, filters and heaters for the fresh air/overpressure system.



This project demonstrates ATC multi-discipline capabilities to handle large modules. It was delivered on time and within budget.