

Rotork creates a safe working environment on board an FPSO off the coast of West Africa



Industry: Upstream - FPSO and HVAC

Client: TotalEnergies

Product: CMA, CVA

Summary

Actuators supplied by Rotork provided a safe operating environment for crew members and control equipment on a FPSO (Floating Production Storage and Offloading) platform off the coast of Angola.

Overview

Total's Clov FPSO (named after the Cravo, Lírio, Orquídea and Violeta oil fields of which it serves) is based 140 km northwest of Luanda, Angola. It has a processing capacity of 160,000 barrels of oil per day.

Challenge

The application demanded precise accuracy to maintain air quality and ventilation in the many enclosed cabins, offices, sub-stations and PLC rooms contained inside the massive vessel. The temperature has to be accurately controlled and the air supply has to be constant, so when actuators were needed on the HVAC air handling units and cooling water supply.

Solution

Rotork engineers installed and commissioned CMA and CVA process control actuators to provide the essential HVAC functions required.



Customer Benefits

The installation of the Rotork actuators ensured the environment onboard the FPSO was safe both for crew members and for the continuing operation of critical control equipment such as PLCs.

Following the installation, CLOV reported that the HVAC is operating at 100% efficiency and there have been no failures.

rotork®

Keeping the World Flowing
for Future Generations

A full listing of our worldwide sales and
service network is available on our website

www.rotork.com



Rotork plc
Brassmill Lane, Bath, UK
tel +44 (0)1225 733200
email mail@rotork.com

PUB000-293-00 Issue 10/15