

JOB REPORT



HYDRAULIC POWER UNIT - PAZFLOR



Year : 2010
Project Name : Pazflor HPU Container
Operator / Client : Total
ATC project no. : 2400

Size (L x W x H mm): 8000 x 2450 x 2800 (without railings)
Weight (kg) : MGW 16,000
Materials : 4 mm Mild Steel, painted to NORSOK M-501, system1
Classification : A60
Certification : DNV 2.7-1 for Offshore containers

Project Description / Challenges:

The HPU (Hydraulic Power Unit) was installed on the deck of an Offloading buoy in the Pazflor field in Angola and included a diesel engine, a diesel pulling winch and an air driven HPU for release hook and SDV.

A framework for solar panels was installed on the roof, which included an access ladder, platform and railings.

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Scope of Work:

Trans Constructions scope of work included design development, layout and construction drawings, structural calculations and production of the containers,

2 double Stainless steel heavy duty doors, with 1500 x 2100mm openings were also part of the delivery scope.

The container was supplied with raised floor, type “WAPORIT” with glass fibre grating.



External view showing ladder and walkway on roof.

The container was naturally ventilated, with louvers being installed over approximately 10% of the wall length and designed to prevent water ingress during normal operation conditions.

TOTAL's own specifications were closely followed throughout the project.



Framework on roof for installation of Solar Panels