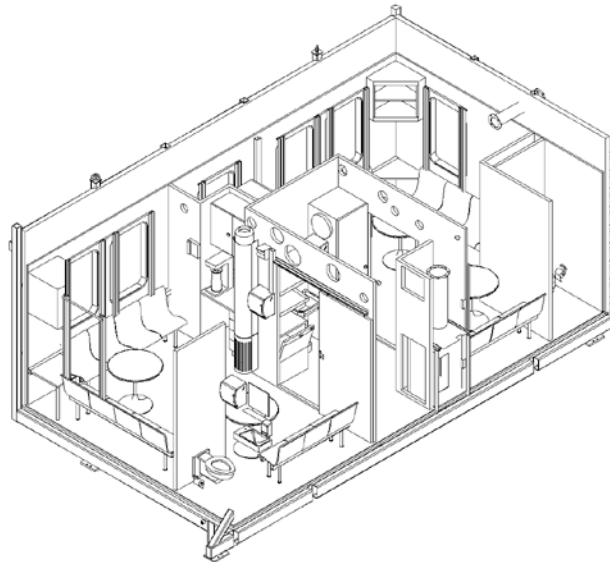


JOB REPORT



COFFEE / REST ROOMS FOR VALHALL



Year : 2004
Project Name : Valhall Rest Container
Operator / Client : BP / Aker Offshore Partners
ATC project no. : 1171

Size (L x W x H mm) : 7800 x 4500 x 3400
Weight (kg) : Total 15,900 with all equipment installed.
Materials : 4 mm Mild Steel, painted to NORSOK M-501
Classification : A0
Certification : DNV rules for Offshore lifting

Project Description / Challenges:

The container consisted of 5 rooms, including:-

- Separate non smoking and smoking rest room with seating for up to 11 people in each room, both rooms including fridge, coffee machine and water heater.
- A common entrance with dishwasher, cupboards and HVAC control panel.
- 2 separate toilets with wash basins.

The container had to be complete installed and tested, ready for a quick and simple hook up offshore at Valhall.

JOB REPORT



Scope of Work:

ATC's scope included detailed design, fabrication and outfitting and testing of the complete container, including electrical (all equipment zone 1), Instrumentation, Telecom, HVAC and controls.

The electrical design included both pre-heaters and re-heaters for the supply air, electric socket outlets for all electrical appliances, HVAC control panel, normal and emergency lighting.

All electrical installation was completed onshore and all interface connections to the platform supply were terminated to junction boxes mounted on the wall outside the container.

Instrumentation and Telecom, included smoke and fire detectors, pressure differential switches, temperature transmitters, telephones and PA speakers.

HVAC, included High efficiency louvers, supply and extract fans, heating coils, attenuators and internal ductwork.

The Sanitary system included full plumbing, piping and drains for the toilets, wash basins, dishwasher, coffee machines and water heater.



Completed coffee shop prior to delivery



Official opening on Valhall DP cellar deck

This custom built container involves many disciplines and is a good example of the wide range of skills within Trans Construction AS.