

JOB REPORT



PAINT SHOP CONTAINER FOR KRISTIN



Year : 2004
Project Name : Kristin Semi EPCH Project
Operator : Statoil
ATC project no. : 1140

Size (L x W x H mm) : 6000 x 2500 x 3300
Weight (kg) : 10,160
Material : 4 mm Mild Steel, painted to NORSOK M-501
Classification : A0
Certification : DNV rules for Offshore lifting 2.7.3

Project Description / Challenges:

The Kristin platform is located in the Norwegian sector of the North sea.

In addition to Statoils own project specifications, full NORSOK was applicable. Max noise level inside the container was 85 dBA, with a restriction of 55dBA from the HVAC systems

All equipment inside the container was minimum zone 2 (explosion proof)

JOB REPORT



Scope of Work:

ATC's scope included design engineering, fabrication, outfitting and testing of the paint shop container.

This included full multi-discipline responsibility which involved, structural, layout/outfitting, Electrical, Instrumentation, Fire and Gas, Telecom (loudspeaker and telephones) and the Ventilation system, including internal ductwork.

The scope included a fully equipped switchboard for all 400/230V consumers, including distribution to normal and emergency lighting.



Paint spray cabinet + ventilation system



Wash basins

The container included a paint spray cabinet, storage cabinets, 2 wash basins and an eye washer.

The container was also equipped with a LoFlow sprinkler system in accordance with NFPA 13.



Double hinged door manual and Pneumatic operated