

JOB REPORT



20' ROV WORKSHOP CONTAINER



Year : 2014
Project Name : 20' Offshore ROV Workshop Container
Operator : Unspecified
ATC project no. : 3052

Size (L x W x H mm) : 6058 x 2438 x 2813
Weight (kg) : Designed for max gross weight of 10.000 kg.
Materials : 3 mm Mild Steel, painted to NORSOK M501
Classification : Unclassified
Certification : DNV rules for Offshore 2.7.1

Project Description / Challenges:

The container is built as a 20 feet DNV certified container, designed to be a ROV parking and workshop facility. The container comes insulated, with wall cladding, roof cladding and partially with ESD protected vinyl floor covering. It has Unistrut rails on the walls and roof for mounting of the workshop equipment. The container has centering tracks in the floor for positioning of the ROV parking cradle. Container is built with an air heat-pump with AC function and a filtered fresh air ventilation fan. The container has a recess box for housing the outdoor unit of the heat-pump. Two normal container gates are installed in one short-end. Two personal entrance doors are installed, hereof one in the right container gate. It comes with pre-installed cable inlets (MCT's) and weather louvres. The container is delivered with 4-leg chain sling and shackles for lifting.

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Scope of Work:

ATC's scope includes: Design, engineering, strength calculations, fabrication, painting, insulation, internal wall / roof / floor cladding, door installation, dimensioning and installation of HVAC systems, installation of lights and other electrical equipment and finally testing of the complete container unit.

This included full multi-discipline responsibility which involved e.g: Structural, layout/outfitting, electrical, instrumentation, HVAC.



Fresh air fan and door



Internal view of the container, showing the installed equipment

Trans Construction AS

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