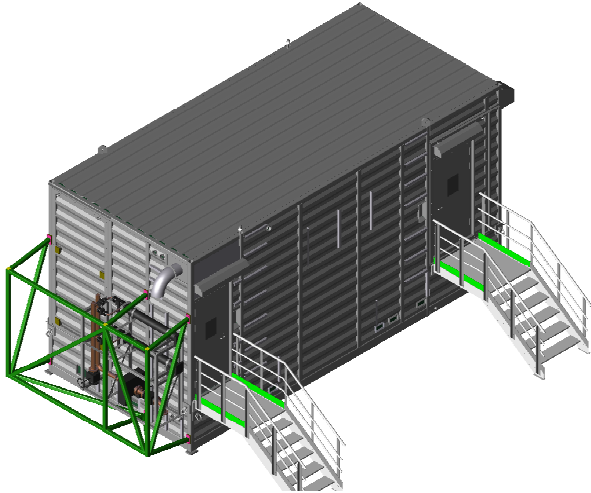


JOB REPORT



POWER CONTROL MODULE–OILEXCO II



Year	: 2007
Project Name	: PCM Oil Exco II
Operator / Client	:
ATC project no.	: 1914
Size (L x W x H mm)	: 8500 x 4500 x 4220
Weight (kg)	: 32,300 excluding stairs
Materials	: 4-5 mm Mild steel, painted to NORSOK M501
Classification	: A60
Certification	: DNV 2.7-1

Project Description / Challenges:

To supply a fully contained PCM, including an AC system consisting of split cooling system with external sea water cooled condensers and fresh air ventilation supplied by run/standby fans and pressure relief, maintaining a 50 Pa overpressure in the module.

The module included a raised floor with incoming cables entering the lower part of the module through stainless steel MCT's.

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Scope of Work:

Trans Constructions scope of work included design development, layout and construction drawings, structural calculations, production of the containers, design, supply, installation, FAT and commissioning of the ventilation and AC systems, piping and valves for the AC system,



Installation of the raised floor



Seawater cooled condensers



Internal layout in the PCM

Trans Construction AS

Vognvegen 2A/B, Ørn Industriområde, N-2072 DAL, NORWAY

Phone: +47 63 92 45 00 Fax: +47 63 96 88 23

Mail: post@atcno.com

www.atcno.com

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