

JOB REPORT



AASTA HANSTEEN CIP



Year : 2014
Project Name : Chemical Injection Package for Aasta Hansteen
Operator / Client : Statoil
ATC project no. : 2960

Size (L x W x H mm) : 9,5 x 5,5 x 4,55
Weight (kg) : 55 000
Materials : AISI316 floor and tanks, mild steel walls and roof

Project Description / Challenges:

The Aasta Hansteen field is located on the Vøringplatá west of Bodø, approximately 300km from shore, at a water depth of approximately 1300 m.

For our client, ATC got the contract to supply a chemical injection package container, fully built according NORSEK requirements, including fabrication, surface treatment, material and documentation.

The module was designed to withstand a in-place accidental load of a 0,3 barg overpressure blast load and 0,1 barg drag. All calculations and verifications according NORSEK performed in-house.

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A total of 2 spill tanks and 7 storage tanks, each with a operational volume of 2,8m³ was built and tested, and installed inside the module. Connecting piping, including vent-, filling- and drain lines was produced and installed.

The internal layout also includes 5 pump skids and a raised floor with composite grating. A monorail with SWL 250 kg runs above all pumps to ease maintenance to equipment.

A overpressure ventilation system is installed to deliver 12 air changes per hour, and up to 12 kW heat, to ensure the current temperature in the cold environment.

Scope of Work:

ATC`s scope of work for this project comprised engineering, procurement, construction and testing of the module.

