

JOB REPORT



WEATHER ENCLOSURES



Year: 2015
Project Name: Weather enclosures for pump skids
Operator / Client: Statoil
ATC project no: 3128

Size (L x W x H m): 2 off 2,44 x 1,04 x 1,92
Weight (kg): 710 kg each
Materials: AISI316L

Project Description / Challenges:

2 off weather enclosure for pump skids, fully built from AISI316L materials. A stiff frame made from RHS profiles was bolted onto an equipment skid. Insulated panels was then bolted onto the frame. All panels to be easy dismountable and weigh less than 25 kg, giving easy access to- and maintenance of equipment.

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Windows, for visual inspection were incorporated in some panels, as well as service hatches and weather louvers for heat dissipation.

The enclosure was designed to withstand a 0,2 barg overpressure blast load, without any parts “flying off”. All calculations and a FEM analysis was made in-house, and a full structural report was included.

Construction was done in ATC’s own workshop in Dal.

Scope of Work:

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

