

JOB REPORT



WEATHER ENCLOSURE



Year : 2015
Project Name : Weather enclosure for cental system
Operator / Client :
ATC project no. : 3122

Size (L x W x H m) : 1,44 x 1,14 x 2
Weight (kg) : 612 kg
Materials : AISI316L

Project Description / Challenges:

Weather enclosure for a cental system, 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. All panels easily dismountable for access to- and maintenance of equipment.

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Windows, for visual inspection were incorporated in some panels, as well as hinged service hatches and doors.

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 carried out 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.

