

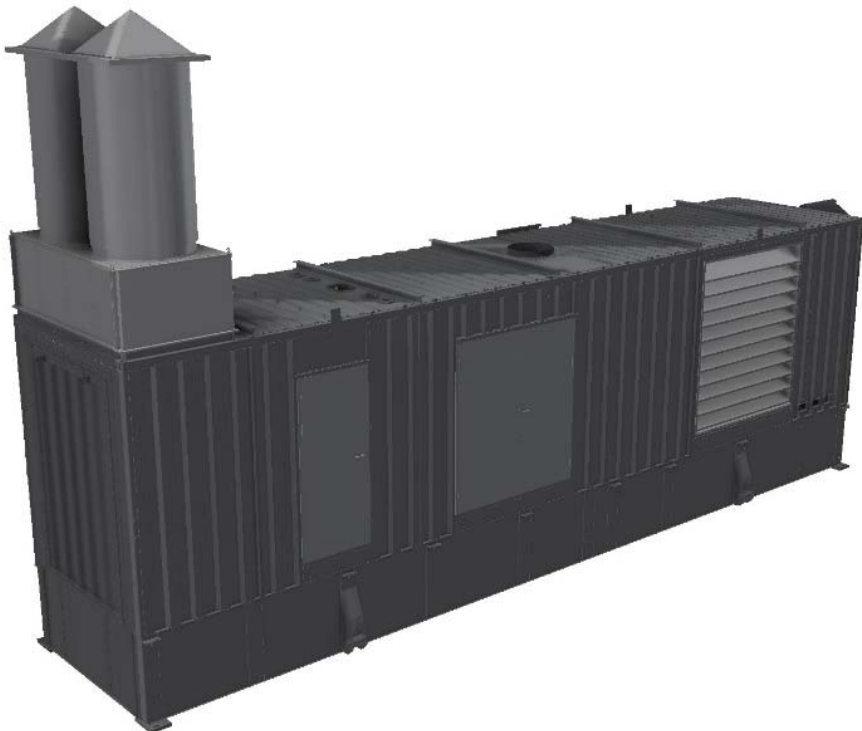
JOB REPORT



20' Container for compressor

Year: 2017
Project Name: 4x40' Generator set containers
ATC project no: 3388.00

Size (LxWxH mm): 4 off 40' (LxWxH 12192 x 2438 x 4130 mm)
Max Gross Mass: 60 000 kg in place
Materials: Carbon steel



Project Description / Challenges:

For our client, ATC got the contract to supply 4 off 40' containers to house diesel generators. A 16 000 liter diesel tank was to be incorporated into the floor structure of the container. Due to the requirements, the containers were custom built, only keeping the width and length of a standard 40' container to facilitate transportation. The containers were insulated and the walls and roof covered by acoustic foil and perforated steel cladding plates. To ensure adequate air circulation and heat dissipation, all containers were fitted with large weather louvers in the walls.

Scope of Work:

ATC's scope of work for this project comprised engineering, procurement, construction, testing and certification of the modules.

The engineering encompassed structural calculations, interfaces, as well as airflow predictions.