

# JOB REPORT



## Containerized AHU's for Sakhalin



**Year** : 2004  
**Project Name** : Sakhalin II (Piltun and Lunskeye)  
**Operator / Client** : Sakhalin Energy  
**ATC project no.** : 1281

**Size (L x W x H mm)** : 34 containers of various sizes  
**Weight (kg)** : Various  
**Materials** : Stainless Steel 316L  
**Classification** : Various  
**Certification** :

### Project Description / Challenges:

The Sakhalin field is localized 15 km off the north-east coast of Sakhalin Island, in waters that are covered in ice up to 6 months of the year.. Equipment had to handle operating temperatures of minus 30 deg C and be designed for a 1000 year “design level earthquake”.

The containerized Air Handling Units were designed specifically to the customers specifications, with some of the systems stacked on top of each other.

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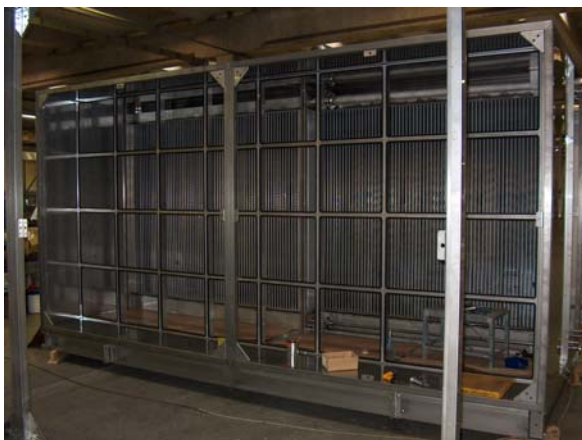


## Scope of Work:

Trans Constructions engineering scope included GA drgs including client supplied equipment, structural calculations, production engineering and supply of the containers for outfitting at the client.



Removeable side panels, including heavy duty AISI 316 doors



Filter and cooling coil sections



Performance testing before delivery