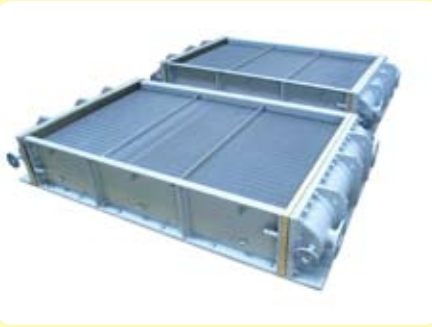


Kallt Reference List



Generator Air Coolers

Bastyan – Tasmania, Australia

- Client: Hydro Tasmania
- Type: 6 x Flo-Air, 26x6 air coolers
- Due to the extra thermal performance required, modern lamella fin banks with increased surface area density and improved heat transfer coefficients were used to increase duty
- Delivery 2010



Fin-Fan Coolers

Kupe – Taranaki, New Zealand

- Client: Origin Energy (Technip)
- Type: Dual pressure air blast gas cooler
- As well as dual pressure to accommodate for different stages in the compression required, all headers and tubes were comprised of 316L stainless steel and therefore appropriate for the marine environment
- Delivery 2009



Shell & Tube

Ambatovy – Madagascar, South East Africa

- Client: SNC Lavalin Inc
- Type: Hydrogen Sulphide Plant Heat Exchangers
- H₂S plant heat exchangers is a niche technology product line used in the process of reacting Nickel Ore with H₂S to form Nickel/Cobalt Sulphide precipitate and Flotech is one of the very few global specialist able to manufacture this equipment
- Delivery 2009



Wet Surface Air Coolers

Hismelt Direct Reduction Iron Plant – Kwinana, Western Australia

- Client: Hismelt (Operations) Pty Ltd
- Type: 47MW Process Water Cooler
- 47MW closed circuit process water cooler for the SRV panels on an experimental direct reduction iron ore process plant
- Delivery 2004



PSA/TSA Dryers

ASCO – Christchurch, New Zealand

- Client: ASCO Carbon Dioxide Ltd
- Type: 285kg Drier
- The drier is a twin-tower molecular sieve based adsorption unit, using externally heated regeneration/purge gas. The process is a standard desiccant drying cycle, with one active bed adsorbing moisture while the other bed is undergoing regeneration. Flotech has been producing these units consistently since the mid 1990s, with approximately 100 delivered over the last 15 years
- Delivery 2010



Gas Conditioning

Redvale – Auckland, New Zealand-

- Client: Transpacific Industries
- Type: Gas conditioning
- This skid chilled, filtered and removed moisture drop out before reheating gas for dew point suppression prior to burning in GE Jenbacher gas engines for power generation
- Delivery 2008



Pressure Reduction Skids

Cengiz – Samsun, Turkey

- Client: Cengiz Energi
- Type: Pressure Reduction Package
- This package ensures that the pressure and temperature remain at levels suitable for turbine feed gas by regulating the pressure from up to 85 bar down to 67 bar and heating the process gas from around 0°C to 40°C
- Delivery 2009