

SteamGen™ 10

Finnfjord, Finnsnes in Norway



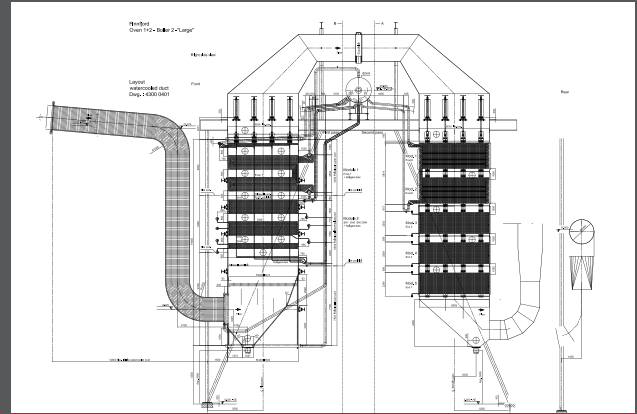
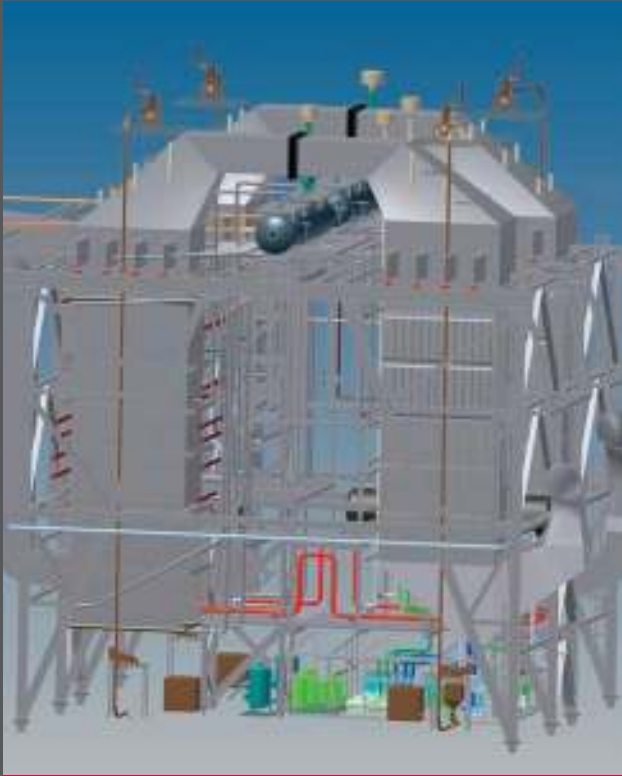
Process heat recovery has always been worth considering when the heat has a certain temperature and flow. That is why the company Finnfjord, Finnsnes in Norway decided to build a heat recovery facility for their three FeSi furnaces



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SteamGen™ 10 • Finnfjord, Finnsnes

The company Finnfjord, Finnsnes in Norway decided to build a heat recovery facility for their three FeSi furnaces. Aalborg Engineering has designed two SteamGen™ 10 HRSGs for this application. The combination of high temperature of flue gas, large variations and dust content made the task complex but with a conservative design and rigid construction a solution is now ready.



Scope of Supply

- Natural circulation single pressure HRSG
- Steel structures, platforms and stairways
- Water cooled flue gas ducts
- Cold side flue gas ducts
- Shot cleaning system
- Steam and water lines
- Feed water system with deaerator and pumps
- Drain, vent and blow down system
- Water and steam sampling system
- Chemical dosing system
- Valves and instrumentation
- Instruments cables installation
- Complete mechanical and electrical installation
- Commissioning

Project Data

Client:	Finnfjord AS
Location:	Finnsnes, Norway
Year of commissioning:	2012
Ferro silicon furnaces:	3 pcs.
Boiler:	2 × SteamGen™ 10
HP Steam capacity:	87/63 t/h
HP Steam pressure:	42 bar
HP Steam temperature:	440°C



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