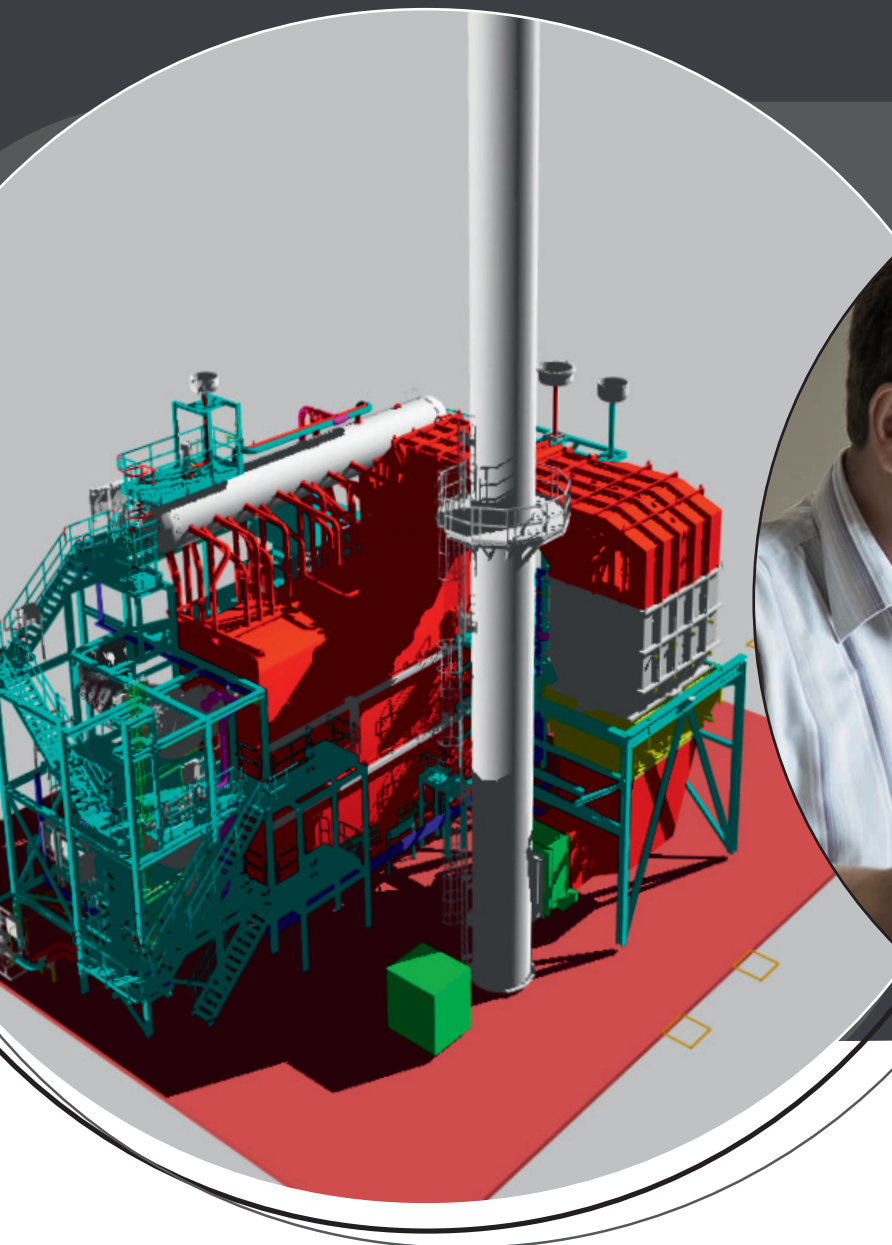


SteamGen™ 4

Acron, Velikij Novgorod, Russia



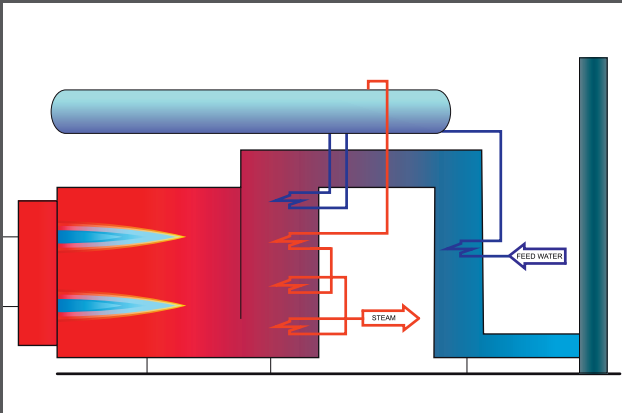
In August 2013 Aalborg Engineering received a new order for delivery of one gas fired auxiliary package boiler for the Russian fertiliser group Acron, one of worlds leading producers of mineral fertilizers, as part of their new ammonia plant in Velikij Novgorod.



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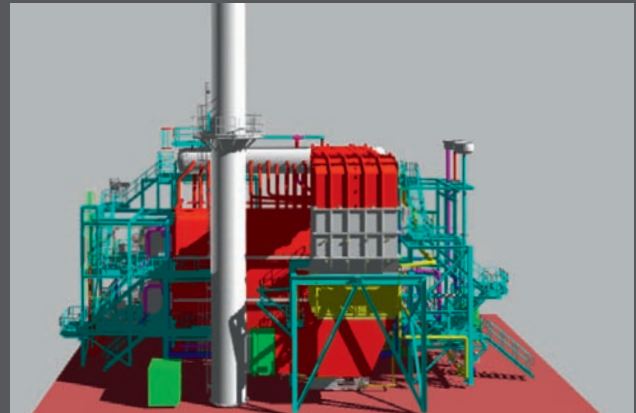
SteamGen™ 4 • Acron, Velikij Novgorod, Russia

The auxiliary boiler is used to supply high pressure steam to the synthesis gas recirculation compressor and alternator.



Project Data

Client:	Acron, Russian Federation
Location:	Velikij Novgorod
Year of commissioning:	2015
Boiler:	SteamGen™ 4
Steam capacity:	140 t/h
Steam pressure:	105 bar
Steam temperature:	515°C



Scope of Supply

- Economiser, evaporator, superheaters and single steam drum
- Desuperheaters
- Drain and vent system incl. including piping, valves and blow-down tank
- Burner system with BMS
- Piping and valves
- Feedwater pumps
- Deaerator/feedwater tank
- Air and flue gas ducts and expansion joints
- Stack with damper
- Flue gas emission monitoring system (CEMS)
- SCR system (DeNOx)
- Water/steam sampling
- FD fan with combined electric motor/steam turbine drive
- Steam heated combustion air preheater
- Steel structures and access ways
- Field instruments
- Instrument cabling
- Heat tracing
- Lagging and cladding
- Spares for two years operation
- Supervision of mechanical and electrical installation
- Supervision of commissioning



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