



SCHNEIDER-KESSEL SERVICE

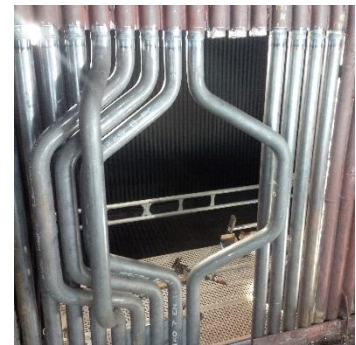
Installation | Maintenance | Repair-Service | Optimizing

Sugar Industry, Sweden

Retrofit of a 70 t/h Water Tube Boiler/ Installation of a Low-Emission Combustion System

INITIAL SITUATION

- In order to guarantee future requirements concerning emission limits, a low-NOx combustion system shall be installed at a high-pressure steam boiler.
- The conversion also requires considerable engineering calculations and mechanical adjustments on the boiler pressure part (membrane walls)



PERFORMANCE

- Constructive redesign of the membrane walls and pipe bends.
- Production of new membrane wall segments and tube bends
- Exchange / assembly of newly manufactured membrane wall segments, pipe bends and burner boxes supplied by the customer
- Implementation of NDT and strength tests
- Engineering calculation and design works



PROJECT INFORMATION



Industry		Sugar Industry
Location		Sweden
Boiler		Water Tube Boiler
Manufacturer		Generator AB
Output		70,0 t/h
Parameter		480 °C superheated steam at 58,0 bar(g)
Firing		ATONOX G / 200 – Duo-Bloc, Saacke
Fuel		natural gas / biogas