

CFB Boiler for CHP Tabor

Engineering for a Circulating Fluidized Bed Boiler

Steam Generation Technology



Achievements:

- New build CFB boiler with cyclone separator fired with indigenous lignite

Emission limits in mg/m³

NO_x: 200 CO: 250

SO₂: 200 Dust: 30

(STP @ 6 % O₂)

Fuel : Czech Lignite (a.r.):

LCV: 16.9 MJ/kg (4.0 Mcal/kg)

w: 29.7 %

a: 9.2 %

S: 0.8 %

Boiler design: Circulating fluidized bed boiler, natural circulation, 88 t/h, 64 bar, 465°C

- Commissioning in 2008

Scope of Supply:

- Process engineering for CFB steam generator and auxiliaries
- Detailed design of pressure parts
- Design and supply of air distributor nozzles
- Ash removal system
- Field consultancy services during installation and commissioning

Literature can be provided on request

- Presentation on Steinmüller Engineering Conference 2013

Please contact us for further information.

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