



VITKOVICE

VITKOVICE POWER ENGINEERING

POWER SYSTEMS

Boiler house - Pressure part

- Membrane walls (spiral, straight)
- Heat transfer surfaces:
- Pipelines
- Pressure tanks

Filtration and purification of flue gas

- Technology of separating dust particles
- Technology of SO₂ (FGD), HCl, HF reduction
- Technology of NO_x reduction (DENOX)

Boiler house - Non-pressure part

- Internal coal handling system
- Start-up system including burners and powder ducts
- Air ducts, flue gas ducts and fans
- Fly ash and Slag removal
- Conveyors, crushers, feeders
- Air heating system

Machine room

- Steel structures
- Insulation and coatings
- Machine room
- Steam turbine with accessories
- Generator

Storage tanks and operational tanks

- Pressure, non pressure
- Aboveground, buried
- Spherical, cylindrical

Reactors, Columns, Heat exchangers, Separators

- Condensation system
- Connecting pipelines
- Regeneration system
- Tanks and expanders
- Auxiliary steel structures

