Softener for boiler feed water

Saudi Arabia, 5.400 m3/d

Project Description:

Lenntech has engineered, manufactured and assembled a turnkey skid mounted water softening system with 6.500 liter resin softener column and ultra low hardness monitor (200 ppb). The treated water is used for boiler feed water purpose. The water softening system is equipped with top brand instrumentation and equipment. The system is completely from European origin and will be delivered with a certificate of origin.

Scope of Work:

- Engineering, manufacturing and assembly
- Softener vessel (rubber lined coating inside)
- Structural skids
- Structural baseframe
- Coating according to client requirements
- Automatic control valve battery with SS304 piping
- HMI panel
- Asco Numatics G3 valve manifold
- Main PLC panel - Allen Bradley ControlLogix system
- Brine solution tank and brine measuring tank
- Venturi brine system
- Hardness monitor
- Site installation and commissioning

Project duration:

December 2015 to September 2018

Project location:

The Kingdom of Saudi Arabia

Product quality:

$CaCO_3$ < 200 ppb

Project application:

Softening of process water

Typical contract amount:

500.000 – 1.200.000 EUR

LENNTECH
WATER TREATMENT SOLUTIONS

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