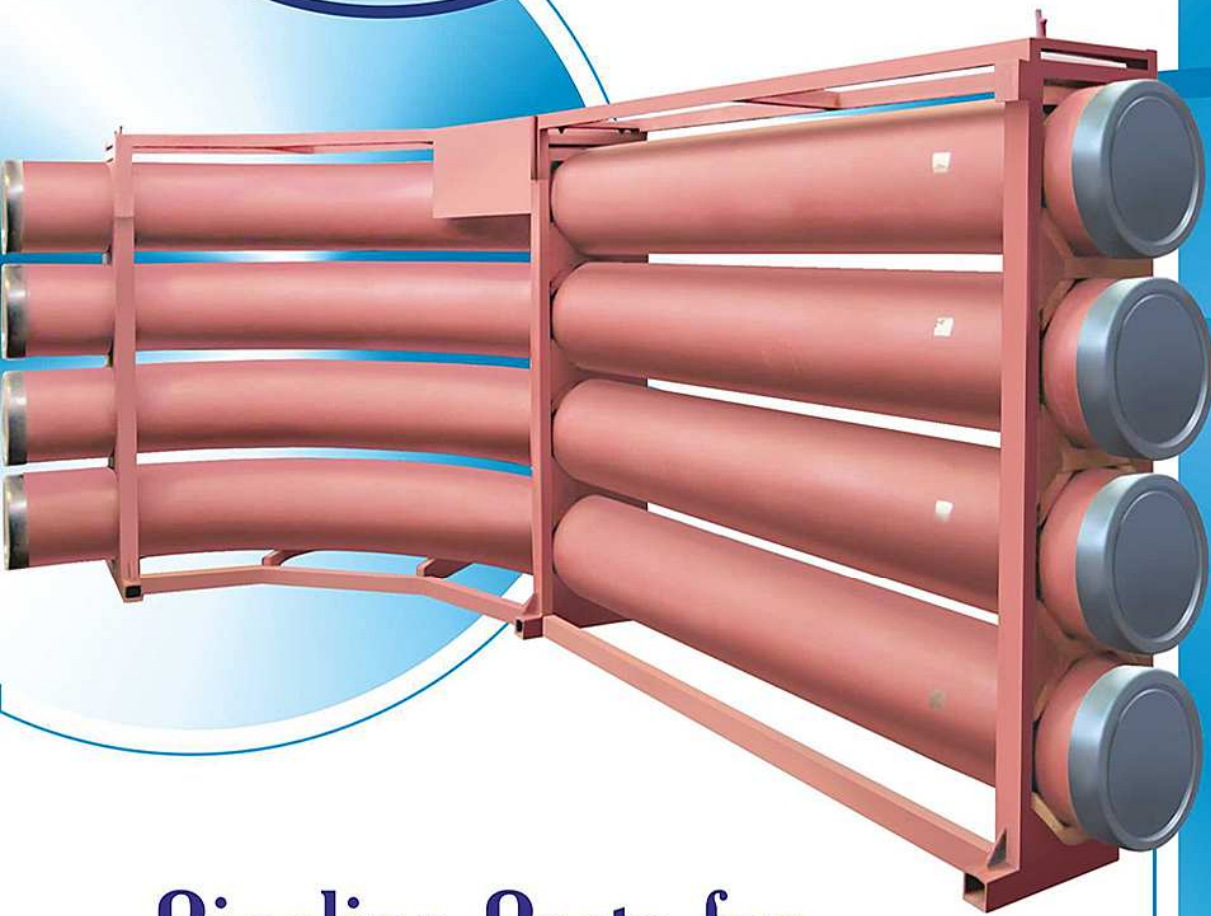


# SC Boiler Equipment Plant



## Pipeline Parts for Thermal and Nuclear Power Plants

Quality Management System  
of SC Boiler Equipment Plant  
is certified according to  
GOST R ISO 9001-2011



## Pipeline Manufacture (Pipeline Parts Manufacture)

At present the manufacture of pipelines is a specialized production. State-of-the-art technologies and long-term experience allow to produce a wide range of parts and assembly units (blocks) of the highest quality for station and turbine pipelines for thermal and nuclear power plants, for oil and gas industry.

Parts, assembly units of pipelines and support-hanging structures are manufactured both in accordance with the standards and original and typical drawings of own development.



Depending on the function of pipelines operating within the working pressure up to 380 kgf/cm<sup>2</sup> and temperatures up to 560°C, carbon, silicon-manganese, chrome-molybdenum-vanadium and austenitic steels are used for parts manufacture.

The manufacture of pipelines as preassembled technologically completed welded units, consisting of several constructive parts, allows to decrease considerably the terms of assembling, reduce the costs and increase the pipelines reliability.





The Company manufactures pipeline parts (bent and sector branches, die-forged elbows, die-forged tees and tees with drawn necks, welded tees, die-forged and welded reducers, flanges, supports and hangers):

- for TPP - pipeline parts of I, II, III and IV categories made of carbon and chrome-molybdenum-vanadium steel grades with outside diameter up to 1020 mm and wall thickness up to 60 mm;

- for NPP - high pressure pipeline parts  $P \geq 2.2$  MPa (22 kgf/cm<sup>2</sup>) made of pearlitic and austenitic materials with outside diameter up to 870 mm and wall thickness up to 40 mm according to technical specifications of Industrial Standards OST 108.030.123-85 and OST 108.030.124-85, low pressure  $P \leq 2,2$  MPa (22 kgf/cm<sup>2</sup>) made of pearlitic and austenitic steels with outside diameter up to 1600 mm according to technical specifications TU 34-42-387-78 and TU 34-42-388-78.



## Engineering Center

Engineering Center is a unified scientific and technical complex which provides the high level of developments in the field of power and mechanical engineering owing to the professionalism and successful experience of projects implementation at the power facilities in different regions of Russia and abroad.

Specialists of the Engineering Center have great experience in the field of investigation, designing, manufacturing, erection and operation of power equipment and are certified for performance of works both for thermal and for nuclear power engineering.





# Certificate

## Quality-Assurance System

acc. to Directive 2014/68/EU

Certificate no.: 01 202 CZ/Q-13 0870

Name and address of the manufacturer:

**STOCK COMPANY «BOILER EQUIPMENT PLANT» (SC «ZKO»)**  
Building 35, Proizvodstvennaya Street  
Alexeevka town, Alexeevsky district  
Belgorod region, 309855, Russia



Herewith we certify that the above -mentioned manufacturer operates a quality system according to the European Directive 2014/68/EU. The manufacturer has the permission to affix the following CE marking to pressure equipment described and manufactured in accordance to the scope covered by this Quality-Assurance System:

**CE 0035**

Tested acc. to Directive 2014/68/EU:

**QS-System (Module H1)**  
(the QS-Modules E1, E, D1, D, H are covered by Module H1)

Audit report no.:

CZ/Q-13 0870

Area of validity:

Design, fabrication, inspection, examination and commissioning of pressure equipment and its components, see annex to certificate

Manufacturing plant:

**STOCK COMPANY «BOILER EQUIPMENT PLANT» (SC «ZKO»)**  
Building 35, Proizvodstvennaya Street  
Alexeevka town, Alexeevsky district  
Belgorod region, 309855, Russia

Valid until:

December 11, 2019

Cologne, November 08, 2016

i.V. Dipl.-Ing. Oliver Theisen



TÜV Rheinland Industrie Service GmbH  
Notified Body for Pressure Equipment, ID-No. 0035  
Am Grauen Stein, D-51105 Köln

E-008-E-Rev21

www.tuv.com

 **TÜVRheinland®**  
Precisely Right.

**Stock Company  
BOILER EQUIPMENT PLANT**

**35, Proizvodstvennaya street, Alexeevka, Alexeevka District,  
Belgorod Region, 309855, Russian Federation.**

**www.aozko.ru, info@aozko.ru**

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