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CJSC«Kurganspetsarmatura»

Presentation

2018



CJSC Kurgan Spetsarmatura is a newly created and dynamically developing enterprise focused on the production of the widest range of pipeline valves for various fields of application.

CJSC Kurgan Spetsarmatura is established in 2009

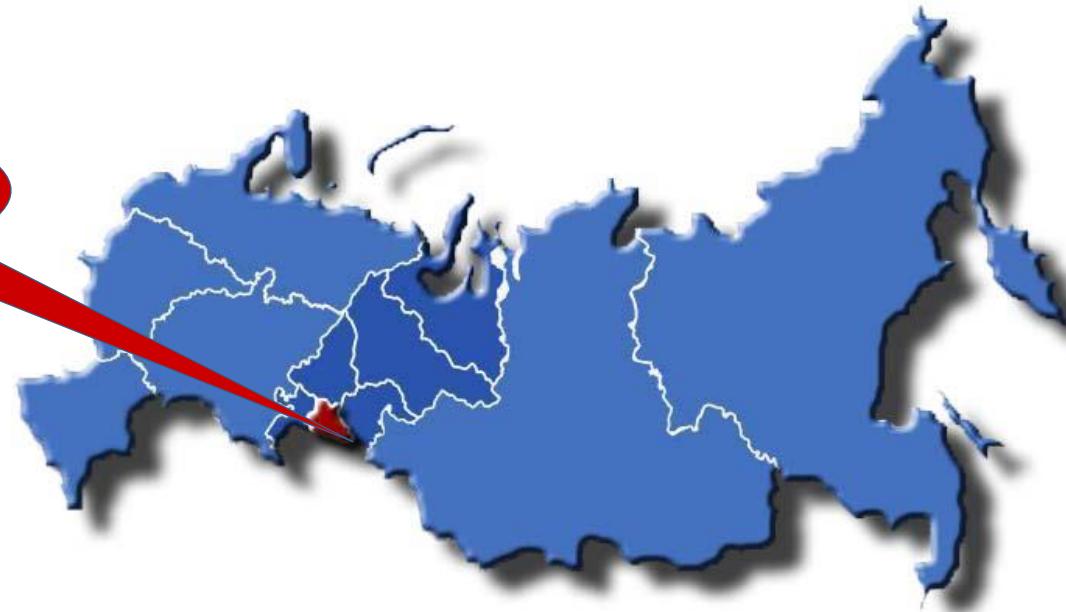
CJSC Kurgan Spetsarmatura today:

- 2 production sites (with a total area of more than 20 000 m²);**
- Number of staff of the enterprise is more than 500 people;**
- Main divisions:**
 - Engineering services (department of the chief designer; department of the chief technologist; department of the head welder; department of the chief metallurgist);**
 - Manufacturing divisions ;**
 - Plant laboratory;**
 - Testing laboratory.**



Favorable location

The city
of Kurgan



Advantageous geographical arrangement does convenient shipments of valves to the oil and gas companies in the northern and southern parts of Russian Federation and CIS countries



Management team, experts and manufacturing personnel have wide practical experience in design and production of pipeline valves

Existence of own construction background allows to design new products in a short time as well as quick reacting to customer's needs and developing a design of valves directly under the Customer's conditions



Licenses and certificates

- All production is certified on the ГОСТ Р system and has the authorization to use from Rostekhnadzor of the Russian Federation;
- There is a certificate on conformity to requirements of GOST of quality management system in relation to designing, manufacturing and realizing of pipeline valves and metal constructions;
- There is a license for designing and manufacturing of pipeline valves and other equipment for nuclear power.

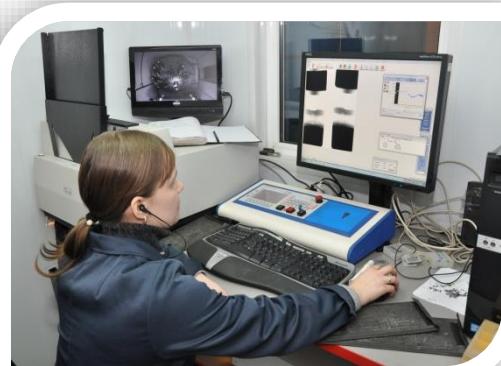




Plant Laboratory

CJSC Kurgan Spetsarmatura has an own laboratory equipped with the modern equipment for various control methods :

- research of mechanical properties;
- spectral analysis of steel;
- radiography;
- ultrasonic and capillary flaw detection;
- ferritometry;
- measuring machine;
- metallographic microscope.





Manufacturing divisions

CJSC Kurganpetsarmatura has own manufacturing capacities:

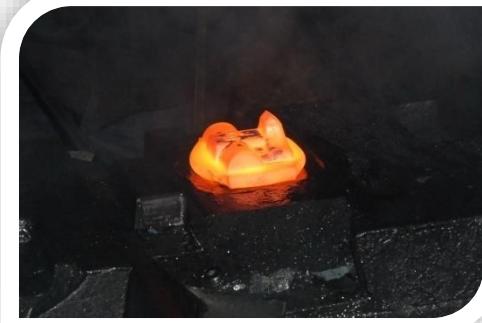
- **procuring production;**
- **mechanoprocessing manufacturing;**
- **welding production;**
- **assembly production;**
- **painting and packaging section.**



Procuring production



Forge-pressing section





Procuring production



Foundry section





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Procuring production



Sawing section



Section of gas-plasma cutting and hydrosand blast cutting



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Mechanoprocessing manufacturing

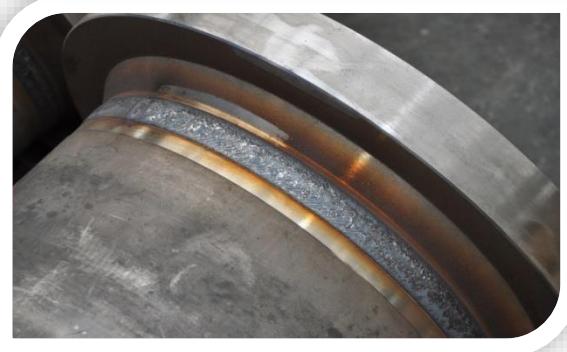
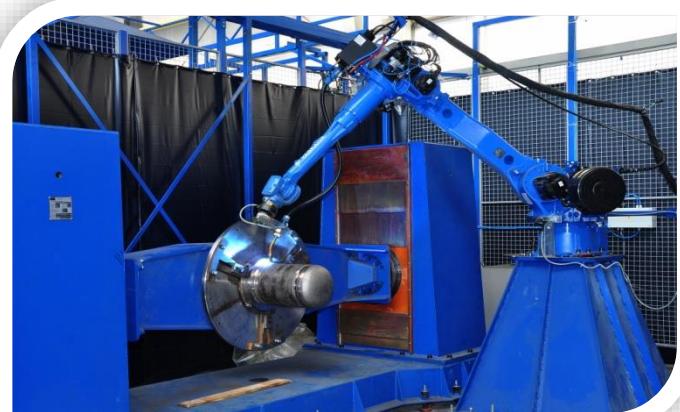


The modern equipment allows to solve
challenging tasks



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Welding production



The modern equipment
allows to solve difficult
problems



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Assembly production





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Test area





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Painting and packaging section





Test laboratory





Major production

Pipeline valves
for Nuclear
Power Plants



Pipeline valves for
gas-and-oil
producing and
gas-and-oil
processing
industry



Closing
devices and
sluices for
hydraulic
structures



Goggle
valves





Wedge gate valves KCA 11025, KCA 11040

DN from 80 to 1200 mm

PN from 2,5 to 4,0 MPa, for DN 1200 from 0,2 to 0,9 MPa

Manufactured according to ТУ 3741-017-62603588-2011

Intended for installation on pipelines of Nuclear Power Plant's technological systems in the systems of normal exploitation, in systems important for safety and in security systems as locking devices

Working fluid for 08X18H10T – all working fluids on НП-068-05 except a pulp.

Working fluids for steel 20 are water (makeup water, feed water, bleed water, process water, shower water), decontamination solutions, condensate, oil, nitrogen, steam, air-steam mixture.

Seat tightness of the class «B», «C», «D» ГОСТ 9544-2015

Climate version on ГОСТ 15150-69: УХЛ3 or another upon the Customer's demand

Body parts made of steel 20, 08X18H10T or any other steel following the Customer's request

The maximum temperature of the conducted fluid is up to + 250°C and for DN 1200 it is up to + 177°C

Connection to the pipeline is under welding or another upon the demand of the Customer

Control: manual, gearbox, remote control, electric actuator





Bellows shut-off valves KCA 26362, KCA 26370

DN from 6 to 150 mm

PN : for KCA 26362 from 1,0 to 4,0 MPa, for KCA 26370 from 6,0 to 25,0 MPa

Manufactured according to ТУ 3742-012-62603588-2010

Intended for installation on pipelines of Nuclear Power Plant's technological systems in the systems of normal exploitation, in systems important for the safety and security systems as locking devices

Working fluids for 08X18H10T are liquid and gaseous weakly aggressive fluids, heat carrier of the 1st contour, acid, alkali, steam-flue gas mixture, distillate, water, air, nitrogen, pulp, decontamination and rinsing solutions;

Working fluids for steel 20 are inert gaseous fluids, liquid weakly aggressive fluids, oil, steam, condensate, feed water, air, nitrogen, decontamination and rinsing solutions

Seat tightness on the class «A» ГОСТ 9544-2015

Climate version on ГОСТ 15150-69: УХЛ3 or another upon the Customer's demand

Body parts made of steel 20, 08X18H10T

The maximum temperature of the conducted fluid for KCA 26362 is up to + 450°C and for KCA 26370 it is up to + 350°C

Connection to the pipeline is under welding

Control: manual, remote control, electric actuator





Check valves KCA 41040

DN from 6 to 150 mm

PN from 1,0 to 20,0 MPa

Manufactured according to ТУ 3742-028-62603588-2012

Intended for installation on pipelines of Nuclear Power Plant's technological systems in the systems of normal exploitation and security systems with the purpose of prevention of the return stream from a working fluid



Working fluid for 08Х18Н10Т – all fluids on НП-068-05 except a pulp.

Working fluid for 20Х13 – makeup water, nitrogen, steam, feed water of steam generators, condensate, radioactive gases

Seat tightness in accordance with НП-068-05

Climate version on ГОСТ 15150-69: УХЛ3 or another upon the Customer's demand

Body parts made of steel 08Х18Н10Т, 20Х13

Flanges made of steel 08Х18Н10Т, 20

The maximum temperature of the conducted fluid is up to + 350°C

Connection to the pipeline is under welding



Bellows control valves KCA 27025

DN from 10 to 150 mm

PN 2,5 MPa

Manufactured according to ТУ 3742-016-62603588-2010

Intended for service as technological regulating valves providing the setting of the power plant's working processes by flow-rate control and throttling of the working fluid

Working fluid for 08Х18Н10Т – liquid and gaseous weakly aggressive fluids, steam-flue gas mixture, distillate, water, air, nitrogen, decontamination and rinsing solutions;

Working fluids for steel 20 are inert gaseous fluids, liquid non-aggressive fluids, oil, steam, condensate, feed water, air, nitrogen, decontamination and rinsing solution

Seat tightness on ТУ 3742-016-62603588-2010

Climatic version on ГОСТ 15150-69: УХЛ3 or another upon the Customer's demand

Body parts made of steel 20, 08Х18Н10Т, 12Х18Н10Т

The maximum temperature of the conducted fluid is up to + 250°C

Connection to the pipeline is under welding

Control: manual, remote control, electric actuator





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Shut-off valves for control measuring devices and automation KCA 26410, KCA 21150

DN from 6 to 15 mm

PN for KCA 26410 is 20,0 MPa, for KCA 21150 is from 2,5 to 20,0 MPa

Manufactured according to ТУ 3742-011-62603588-2010

Intended for service as locking devices on impulse pipelines or drainage-vent lines for connection or shutdown of control measuring devices and automation in systems of normal exploitation and Nuclear Power Plant's security systems with reactors of VVER and RBMK type.



Working fluid for 08X18H10T – heat carrier of the 1st contour, acid, alkali, steam-flue gas mixture, distillate, water, air, nitrogen, pulp, decontamination and rinsing solutions, gas blows of the 1st contour;

Working fluid for steel 20 – oil, steam, condensate, feed water, air, nitrogen, decontamination and rinsing solutions, process water

Seat tightness on the class «A» ГОСТ 9544-2015

Climate design on ГОСТ 15150-69: УХЛ3 or another upon the Customer's demand

Body parts made of steel for KCA 26410 - 08X18H10T, 12X18H10T and for KCA 21150 there are 20, 08X18H10T, 12X18H10T steel type

The maximum temperature of the conducted fluid is up to + 350°C

Connection to the pipeline is under welding

Control: manual, electric actuator





Thanks for watching!

Russian Federation

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