



CJSC«Kurganspetsarmatura» Presentation

2018

CJSC Kurganpetsarmatura 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 Kurganpetsarmatura is established in 2009

CJSC Kurganpetsarmatura 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

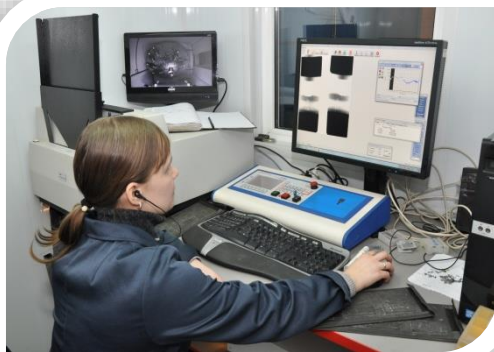
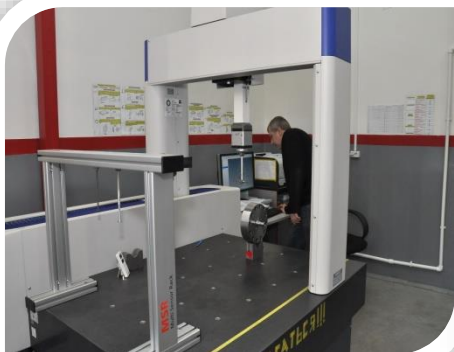
Existence of own construction background allows to design new products in a short time as well as quick reacting to customer's needs and developing a design of valves directly under the Customer's conditions



Plant Laboratory

CJSC Kurganspetsarmatura 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 Kurganspetsarmatura 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



Procuring production



Sawing section



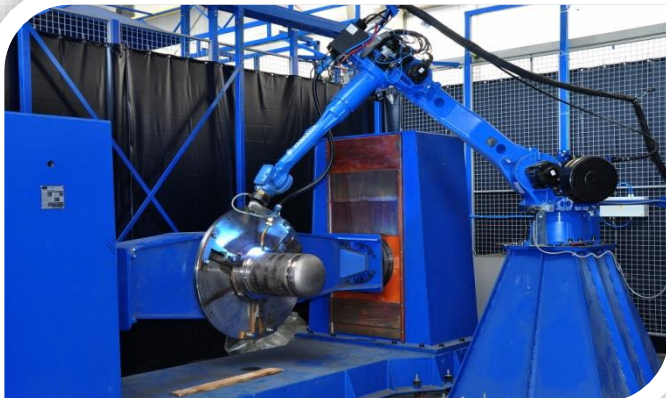
Section of gas-plasma cutting and hydrosand blast cutting

Mechanoprocessing manufacturing



**The modern equipment allows to solve
challenging tasks**

Welding production



**The modern equipment
allows to solve difficult
problems**



Assembly production



Test area



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 TY 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 TY 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



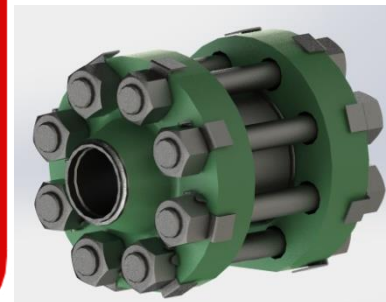
Check valves KCA 41040

DN from 6 to 150 mm

PN from 1,0 to 20,0 MPa

Manufactured according to TY 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 08X18H10T – all fluids on HP-068-05 except a pulp.

Working fluid for 20X13 – makeup water, nitrogen, steam, feed water of steam generators, condensate, radioactive gases

Seat tightness in accordance with HP-068-05

Climate version on GOST 15150-69: YX13 or another upon the Customer's demand

Body parts made of steel 08X18H10T, 20X13

Flanges made of steel 08X18H10T, 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 TY 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 08X18H10T – 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 TY 3742-016-62603588-2010

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

Body parts made of steel 20, 08X18H10T, 12X18H10T

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



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 TY 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!

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