



INKATEH

PRODUCTION OF CABLE AND WIRE PRODUCTS

2024



Why INKATEH?

01

**FULL CYCLE
OF PRODUCTION**

02

**PRODUCTS COMPLY
WITH THE STATE
STANDARDS**

03

WIDE RANGE OF PRODUCTS

04

**EXPERIENCED R&D
DEPARTMENT**

05

**QUALITY MANAGEMENT
SYSTEM MEETS ISO**

06

**OWN CERTIFIED
LABORATORY**

07

**EXPERIENCE OF WORK
WITH MARKET LEADERS**



INKATEH is a leading manufacturer of cable and wire products

The company is focused on the successful development of production and promotion of cable and wire products in the market by maintaining and increasing the technical and commercial potentials achieved over the many years of operation of the production site.

INKATEH manufactures a wide range of cable products: mine and excavator cable, power cable, winding wire, cable for oil submersible pumps, contact wire for overhead contact network of electric transport. The manufactured products are in great demand

among leading industrial enterprises and distributors of electrical products in Russia, all products are certified and undergo the strictest quality control.

The high quality of products is largely ensured by modern equipment, such brands as Niehoff, Troester (Germany), Rosendahl (Austria), SouthWire (USA), Technocable, Caballe (Spain), AGIE (Switzerland), LloydInstruments Ltd (England), Maerz (Germany), professionally oriented Management of the company, as well as quality control of manufacturing at the full cycle of the production chain.



copper processing
for cable production

20 000

tons per year

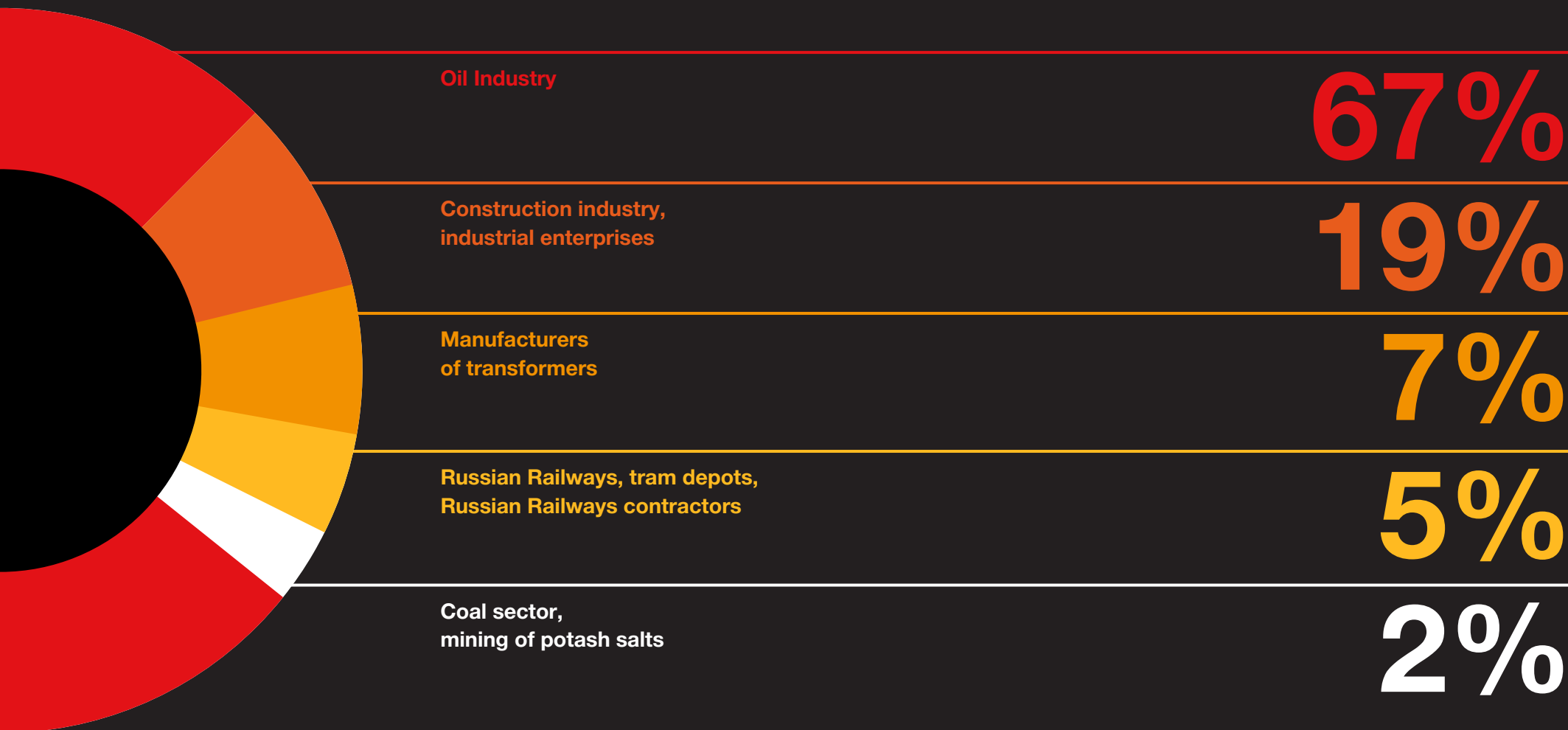
copper rod

80 000

tons per year

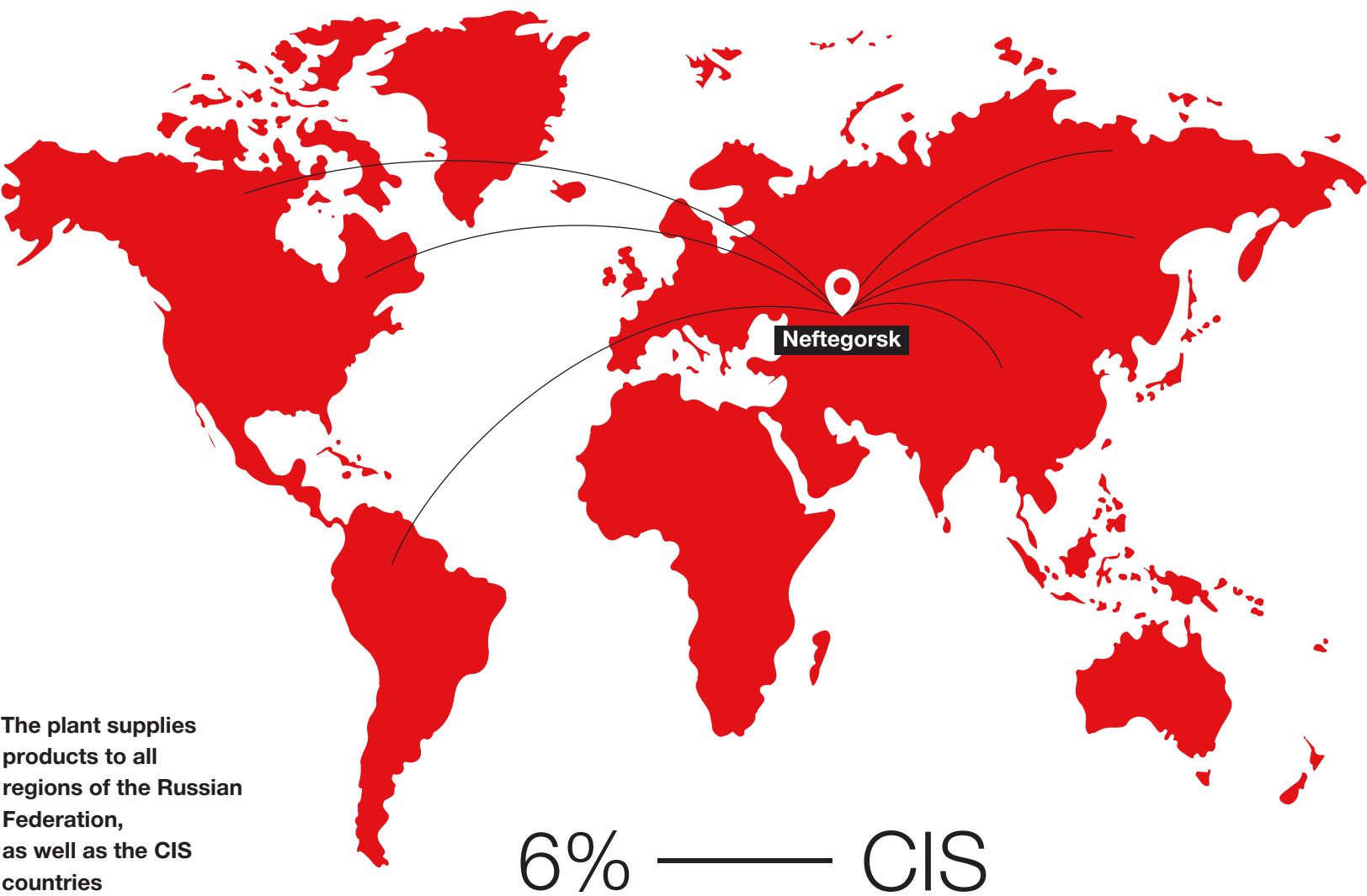


Sales structure





Geography of sales



Belarus

Cable and wiring products



Kazakhstan

Wire rod and contact wire



Uzbekistan

Flexible power cable



Armenia

Aluminum winding wire

The plant supplies products to all regions of the Russian Federation, as well as the CIS countries



Our advantages



OWN R&D IN THE QUANTITY OF 8 PEOPLE

We are ready to develop new products, new materials, according to the technical requirements of customers from scratch

QUALIFIED SPECIALISTS

All of our employees are professionally trained and have extensive experience



Completed projects

CFSM BR MCSRC

C — cable
F — flexible

S — shielded
M — mine

contact
bronze wire

mine cable for self-propelled
railway carriages

learned from scratch

years of development from 2016 to 2021

reinforced wire for high-speed railways

years of development from 2017 to 2020

mine cable for self-propelled rail
carriages is being mastered

wire for rolling stock from 2016 to 2022

winding wires with high yield strength
from 2018 to 2021 development



Product line (cables & wires)



COPPER ROD

For manufacturers of cables, winding wires, etc



WIRE

For manufacturers of containers, cables, winding wires, etc



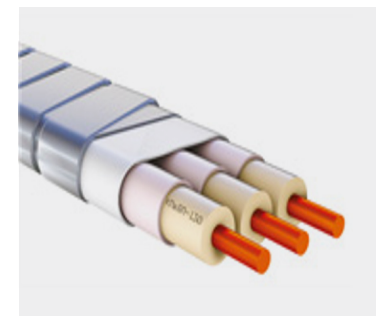
WIRE CONTACT

Russian Railways, Russian Railways contractors, tram fleets, etc



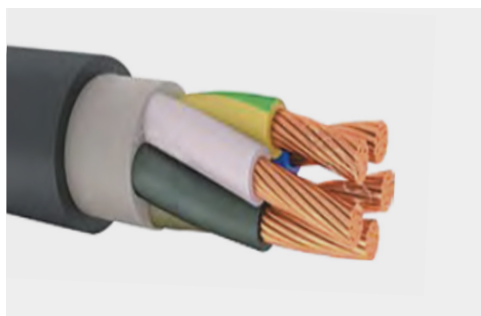
WINDING WIRE

For manufactures of transformers



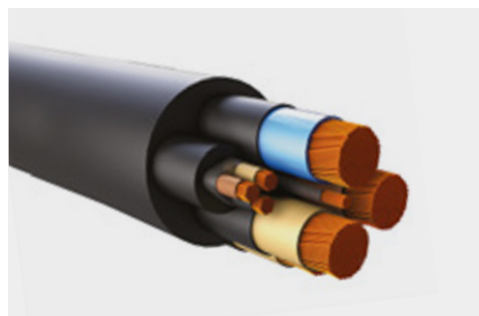
OIL SUBMERSIBLE CABLE

For oil and oilfield service companies



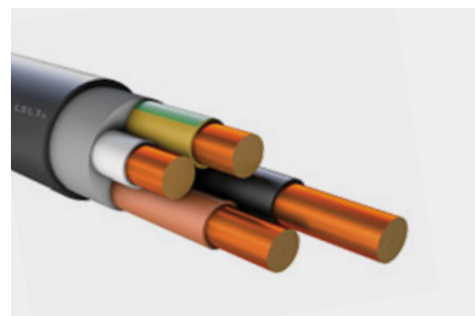
POWER CABLES FOR NUCLEAR POWER PLANTS

For nuclear power plants



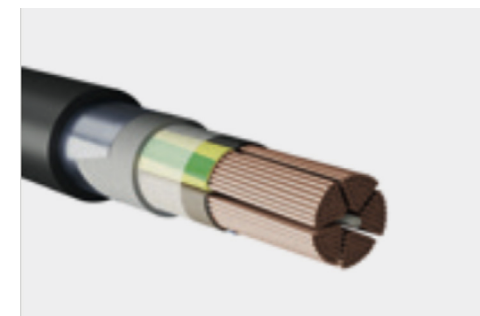
MINE POWER CABLES

For coal and salt mining companies



CABLES FOR FIXED INSTALLATION

For the construction industry, industrial enterprises, etc



XLPE POWER CABLES WITH INSULATION MADE OF CROSS-LINKED POLYETHYLENE

For the installation of power circuits, for the construction sector, industrial enterprises, etc



Copper rod

Copper wire rod M001b and M0b diameter 8, 10, 12.5, 16, 17, 18, 20 mm, (TU24.44.23-018-11006106-2023), from the copper cathodes GOST 546-2001 grade MOO according to the GOST 859-2014.



Copper wire rod is used for the production of the electrical products: wires, tires, rods, etc.

CHEMICAL COMPOSITION:

Cooper grade	Cooper, not less	Cooper + silver, not less	Mass fraction of the element										
			Impurities, not more										
			Bismuth	Iron	Nickel	Zink	Tin	Antimony	Arsenic	Sulfur	Oxygen	Phosphorus	Silver
M006	99,9		0,0005	0,001	0,001	0,001	0,001	0,001	0,001	0,001	0,001	0,0003	0,002
M06		99,7	0,001	0,004	0,002	0,003	0,002	0,002	0,004	0,004	0,002	0,002	–

LIMIT DEVIATIONS OF THE DIAMETER, MM:

Nominal diameter, mm	Maximum deviations, mm
8	+ – 0,2
10	+ – 0,4
12,5	+ – 0,4
16	+ – 0,5
17	+ – 0,5
18	+ – 0,5
20	+ – 0,5

MECHANICAL PARAMETERS:

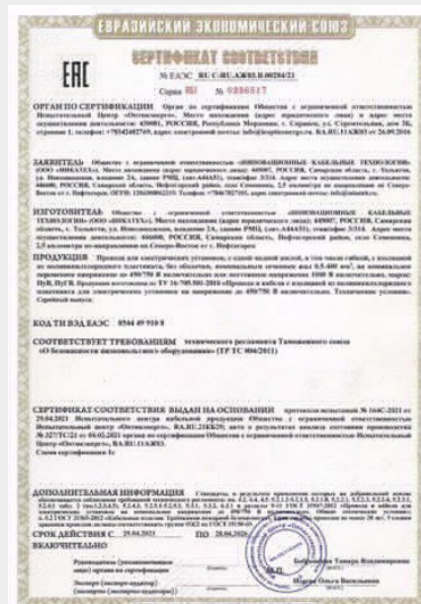
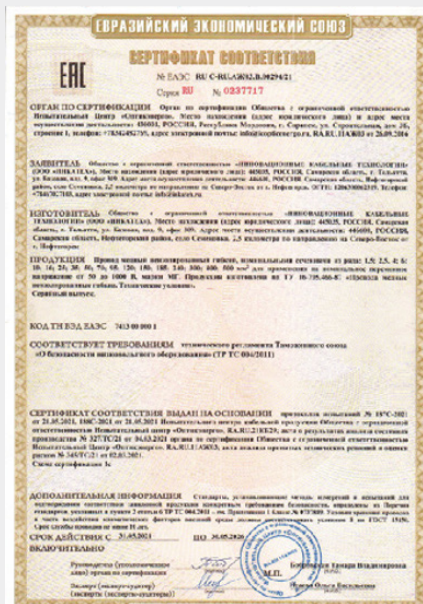
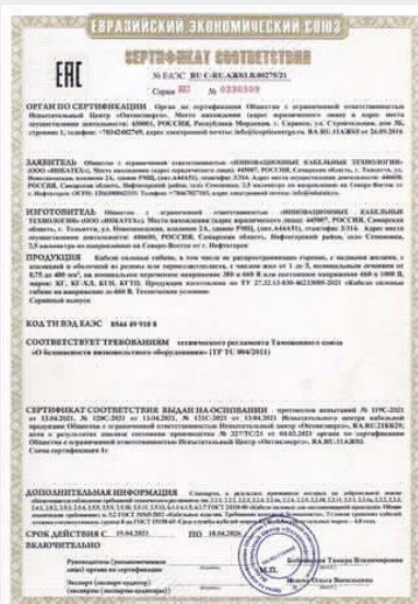
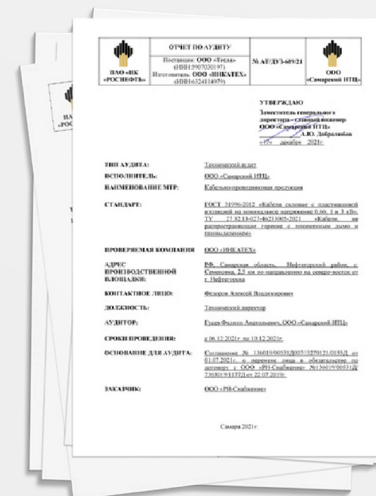
Nominal diameter, mm	Temporary resistance, not less	Temporary resistance, not less
8	160	33
10	Not standardized	
12,5		
16		
17		
18		
20		

ELECTRICAL PARAMETERS:

Specific volumetric electrical resistance, made of wire rod, wire diameter 3.5 mm or less, passed crystallization annealing in an inert environment at a temperature of 500+50 C at least 30 min



CERTIFICATES AND REFERENCES





Quality of products



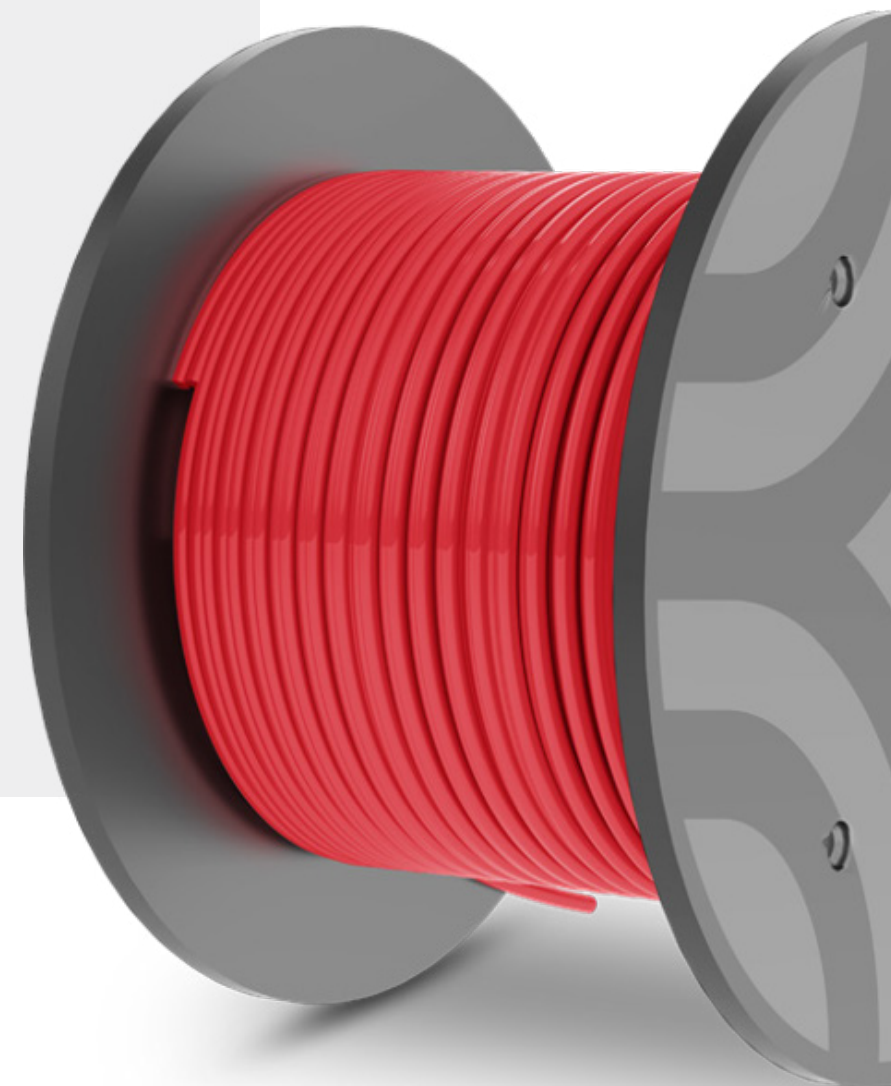
INKATEH has implemented and operates a quality management system that is certified for compliance with the requirements of GOST R ISO 9001-2015G (iso-9001:2015)

The company has created a product quality management service, consisting of three main blocks:

- entrance control bureau
- three control and test stations
- central factory laboratory



Control and test stations and the central plant laboratory have a certificate of the state of measurements in the laboratory (certified in Federal Budgetary Institution Center for Standardization and Metrology of Samara)



Central plant laboratory

The central plant laboratory of INKATEH is equipped with special equipment for conducting research on the quality of insulation and additional properties of insulating materials for cables produced at the enterprise

At present, the central factory laboratory has been selected as the base one by the Samara Testing and Certification Center for certification testing of various products, including cable ones

- The quality control of the incoming cathodes, as well as the quality of the produced wire rod, is carried out on an optical emission spectrometer SpectroLab
- Universal testing machine 100 kN — determination of the mechanical characteristics of copper rod, contact wire, steel tape at break
- Testing of steel tape for surface density of zinc coating Rubber
- MI abrasion testing machine
- Laboratory rollers for rolling PVC compounds and rubber compounds
- Laboratory press for the manufacture of dielectric samples for subsequent testing
- Climatic chamber Excal for testing cables for high and low temperatures ($-70^{\circ}\text{C} \dots +200^{\circ}\text{C}$)
- Drying oven with vacuum conditions for testing insulation and sheaths for water absorption
- Installation of the REPBEND-TEST for multiple bend tests (90, 135, 180 degree bending)





Logistic

**WE USE BOTH
IFC TRANSPORT
AND THIRD-
PARTY
CARRIERS**

**WE HAVE
EXPERIENCE
IN SHIPMENT
BY AUTO,
RAILWAY, SEA**

**WE HAVE OUR
OWN LOGISTICS
DEPARTMENT,
EXPERIENCE,
COMPETENCES, ETC**





Marketing



PARTICIPATION IN EXHIBITIONS ON A CONSTANT BASIS





AKRON HOLDING'S STRATEGIC DECISIONS IN THE FIELD OF ENVIRONMENTAL RESPONSIBILITY

TO ACHIEVE THE SET GOALS, AKRON HOLDING CONSISTENTLY IMPLEMENTS A SET OF MEASURES:

- Resource management taking into account risks in the field of ecology
- Consistent, regardless of the dynamics of production, reducing the amount of emissions of pollutants and waste, their toxicity through the use of environmental technologies, equipment and management methods, separate collection of waste for further recycling
- Continuous professional development of employees in the field of ecology
- Ensuring the readiness of personnel for actions to localize emergency situations
- Attraction of employees to active participation in resource-saving and environmental protection measures through appropriate measures of motivation and development of social partnership
- Compliance with international laws and standards
- Monitoring the state of environmental safety of the enterprise. Control of emissions located on the border of the sanitary protection zone and residential development zone is carried out. Compliance of emissions into the atmosphere with maximum allowable standards is systematically monitored
- Control over the maintenance of temporary places of accumulation of waste and their accounting. Waste is collected weekly or handed over to licensed organizations for recycling
- Systematic cleaning of the territory of enterprises in order to minimize the ingress of pollutants into the environment
- Development and implementation of a filtration and gas purification system for harmful emissions, which can significantly improve the environmental situation, reduce the harmful effects of emissions on the environment and public health



INKATEH Team

As part of its social policy, Akron Holding successfully implements several charitable projects



BECOME A DONOR

Donating blood



GOOD HEARTS

Providing assistance to low-income families



BOX OF COURAGE

Collection of toys and books for children treated in oncology departments throughout Russia



FOREST PLANTING

Planting a forest at the site of forest fires in the city of Togliatti, Samara region



GREEN MARATHON 'RUNNING HEARTS'

Charity Runs



Partners and projects



ROSNEFT
GAZPROMNEFT
SUEK
RUSSIAN RAILWAYS
MMK
URALKALI
SIBUR





Requisites

INKATEH LLC

OGRN 1206300062319
INN 6324114979
CHECKPOINT 632401001

PAYMENT DETAILS

Acc. 40702810454400065762 VOLGA
REGION BANK SBERBANK PJSC
Corr. acc. 30101810200000000607
RCBIC 043601607

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Tel.: 8 (800) 555-73-14
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POSTAL ADDRESS

446600, Samara region, Neftegorsky
district, Neftegorsk, a/z 30

THE ADDRESS OF THE SEPARATE SUBDIVISION

Samara region, Neftegorsky district.
Semenovka village, 2.5 km north-east
from the city of Neftegorsk

