

120+1



IZOLYATOR

Centuries-old traditions — state-of-the-art technologies

COMPANY PROFILE

2018

MISSION. VISION. SOCIAL RESPONSIBILITY

Mission

We create the foundations for a stable and sustainable power supply of the entire society and every human.



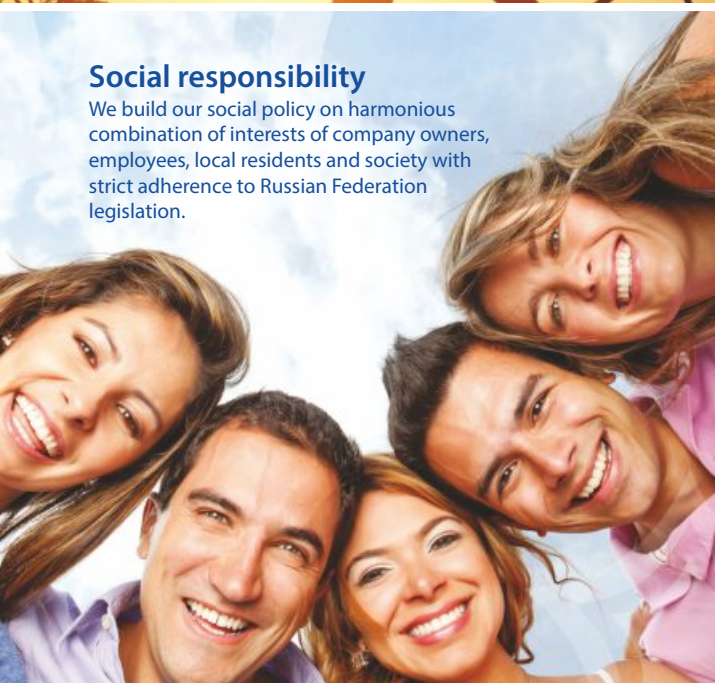
Vision

We aim to be a global leader in design, manufacture and implementation of modern technologies in power industry.



Social responsibility

We build our social policy on harmonious combination of interests of company owners, employees, local residents and society with strict adherence to Russian Federation legislation.



The history of high-voltage bushings development in Russia is inseparably associated with Izolyator plant. In its century-long history, the plant has produced over 620 thousand high-voltage bushings, operating at the overwhelming majority of power facilities in Russia and CIS countries as well as 30 more countries in the world.

One of the key events for Izolyator was receipt of the leading science and technology partner to the Russian National Committee of the International Council on Large Electric Systems – CIGRE (Conseil International des Grands Réseaux Electriques – CIGRE) status. That is the largest international nongovernment and noncommercial organization in power industry.

Today, Izolyator has become a research base for SC D1 RNC CIGRE Materials and Emerging Test Techniques. Cooperation with RNC CIGRE allows us to bring Izolyator's work to a whole new level in the interests of all global market players and for Russia's energy system development in general.

All Izolyator's achievements have been made possible thanks to the well-coordinated work of our highly professional team and the all-round support from our partners. We will continue to prove the trust we enjoy by time fulfilling our obligations in high-voltage bushings production and technical service for our customers.

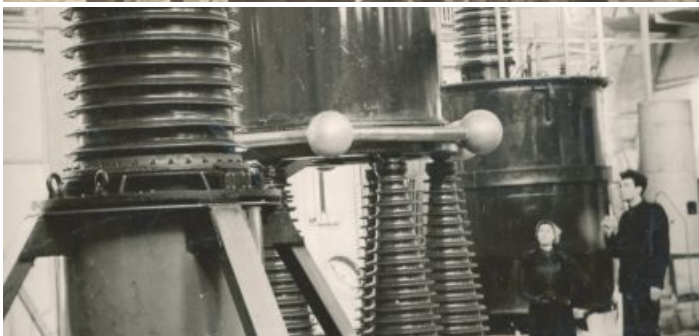
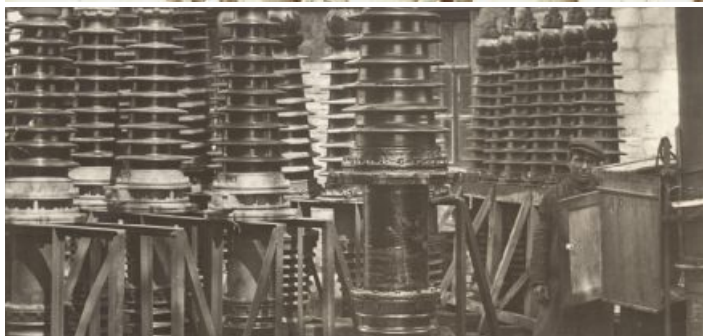
Century-old traditions – state-of-the-art technologies – these words have become a motto for those employed at the plant, which is justly considered a global leader in development and production of high-voltage bushings.

Alexander Slavinsky, EngD

Chairman of the Board of Directors
Vice President AES RF
Vice President TRAVEK Association
Russia's Representative in CIGRE SC D1

A handwritten signature in blue ink, appearing to read 'Alex'.

EXPERIENCE AND HISTORY



120 years
of EXPERIENCE



THE MOST EXPERIENCED
HIGH-VOLTAGE BUSHINGS
MANUFACTURER
IN THE WORLD



FACTS AND ACHIEVEMENTS



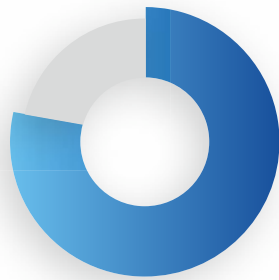
PRODUCTION CAPACITY



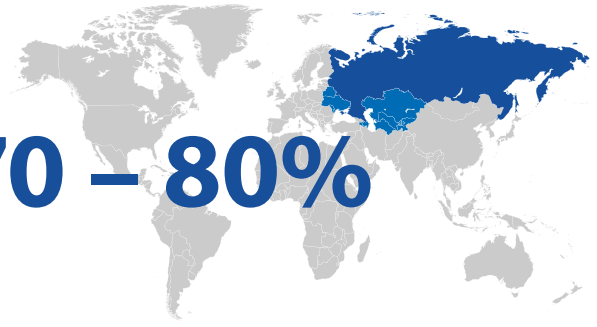
12 000 BUSHINGS PER YEAR



MARKET SHARE
IN RUSSIA AND CIS



70 – 80%



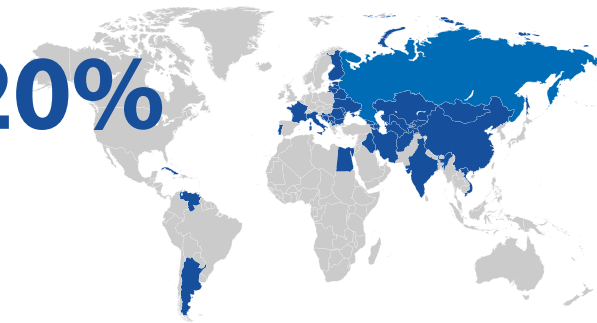
STAFF



EXPORT SHARE



20%



TRACK RECORD
OF DELIVERIES
ALL OVER THE WORLD

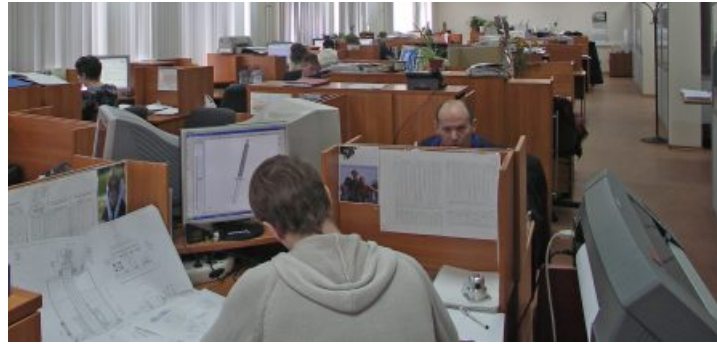


EXPORTS TO
30 COUNTRIES
IN THE WORLD

COMPANY STRUCTURE

Special design bureau

- creation of new designs of high-voltage bushings
- development of new production technologies
- carrying out research activities and prototyping
- serial products upgrades and deep modification of existing bushing models



Production

- the most technologically advanced equipment from the best OEMs
- patented technology of RIP insulation making
- patented technology of polymer external insulation making
- making the internal insulation up to 12 m long and 750 mm diameter



Test center

- testing under alternating current, up to 1200 kV
- testing under direct current up to ± 1600 kV
- testing by full and chopped lightning impulse 1.2/50 ms
- testing by switching impulse 250/2500 ms
- testing of insulation materials and prototypes



Service center SVN-Service

- high quality technical service
- diagnostics
- warranty and post-warranty repair of bushings
- consulting technical divisions of customers



COMPLETE RANGE OF
SERVICES



DESIGN PRODUCTION
TESTING WARRANTY
AND POST-WARRANTY
SERVICE

INNOVATIVE PRODUCTS

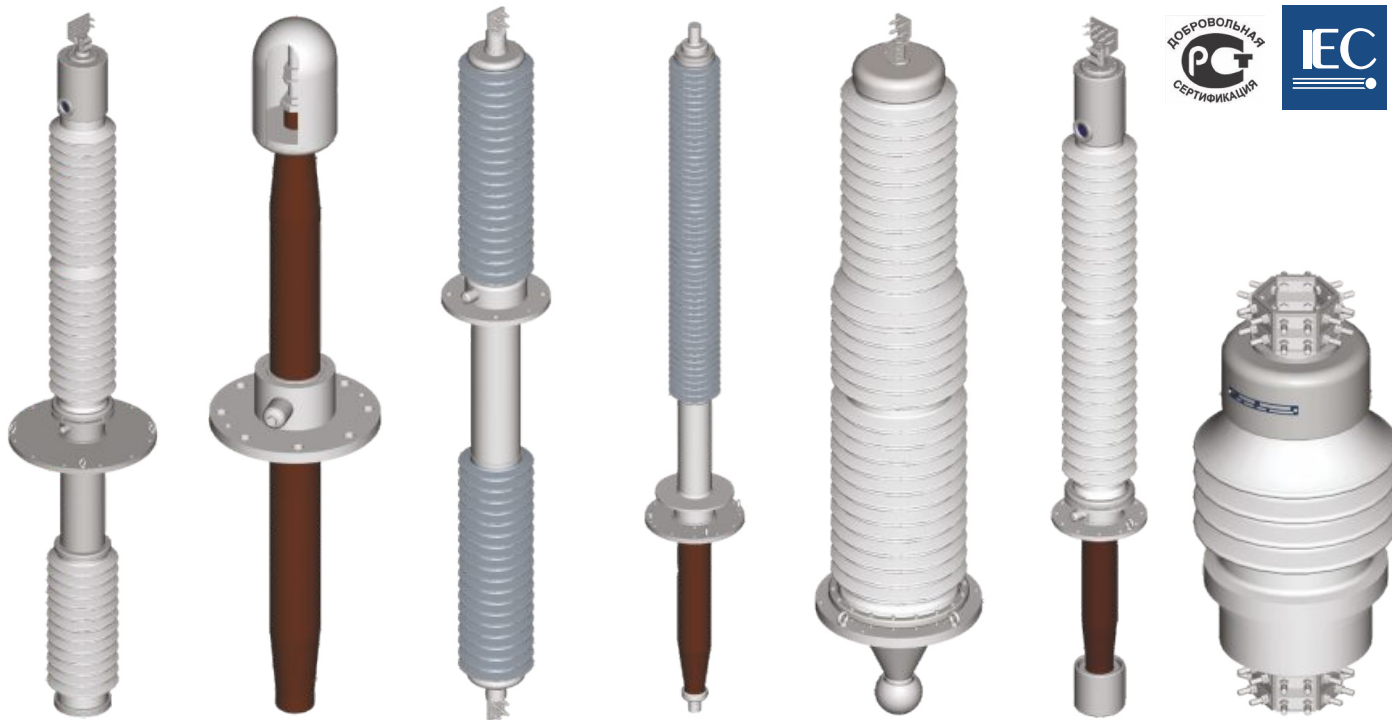
HIGH-VOLTAGE
BUSHINGS FROM
12 TO 1200 KV



COMPLETE RANGE OF
BUSHINGS

Izolyator designs, manufactures, services and repairs AC and DC high-voltage bushings of up to 1200 kV voltages for power transformers, shunt reactors, oil switches, SF6 switchgear and high-voltage wall bushings.

High-voltage bushings in 12–800 kV range for alternating current and all direct current bushings are made with solid internal RIP insulation of proprietary design that has a high reliability and longevity.



Air-oil bushings
for oil switches
Voltage: 35–220 kV
Current: 1000–3150 A

Oil-oil bushings
for cable connection
of transformers
Voltage: 110–500 kV
Current: 630–1000 A

Air-air wall bushings
Voltage: 66–220 kV
Current: 2000–4000 A

DC HV bushings
Voltage: ± 126 –800 kV
Current: 1800–5400 A

Air-SF6 bushings
for switchgear
Voltage: 220 kV
Current: 2000–3150 A

Air-oil bushings for
power transformers
and shunt reactors
Voltage: 12–1200 kV
Current: 315–2500 A

Air-oil detachable
bushings for power
transformers
Voltage: 20–35 kV
Current: 6–20 kA

GLOBAL PARTNERSHIP

Izolyator is official certified partner to:



Certificates of official supplier, references and reference letters from consumers of Izolyator products are available on request.

We appreciate all our partners for a fruitful cooperation!

120+1



IZOLYATOR

Centuries-old traditions — state-of-the-art technologies

**IZOLYATOR SALES DIVISION IS INVITING TO SET UP COOPERATION
IN ANY SUITABLE FORM FOR YOU**

THINKING OF BECOMING OUR PARTNER?

We will provide you with extensive information on commercial, organizational, technical and other aspects of our company activities.

STILL HAVE QUESTIONS?

We will submit all information in hard copy or by email on your first request.

WOULD YOU LIKE TO VISIT OUR PLANT?

We will arrange for an informative plant tour to show all manufacturing stages to you.

Izolyator sales contacts:

Tel +7 495 727 3311

Fax +7 495 727 2766

mosizolyator@mosizolyator.ru

Massa Ltd, 77 Lenin ul., Pavlovskaya Sloboda,
Istra Region, Moscow Region, Russia, 143581

For more details on our products and services
visit www.mosizolyator.ru

