



# PRODUCT CATALOGUE

DESIGN AND PRODUCTION OF EXPLOSION-PROOF EQUIPMENT

## 2020



OUR CLIENTS:



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## ABOUT THE COMPANY

Eridan is the leading manufacturer of explosion-proof equipment.

Eridan Company began its operations in 1999 by creating the IP103-2/1 fire detector. The new product was successful, and since then, we have been supplying high quality products to the market for the sole purpose of ensuring the safety of people at industrial facilities, however complex, including those located in the extreme conditions of the Arctic.



Eridan produces equipment developed by the company's design department; the advantages of this equipment include enhanced reliability, ease of installation and compatibility with products of third party manufacturers. These features find daily practical proof, since Eridan branded products are used by over 2,000 companies in Russia, in the CIS countries as well as in Europe and in the Middle East.

Our company has its own production facilities and has established cooperation channels with R&D institutes and other agencies within the structures of GAZPROM PJSC, OC Lukoil PJSC, Transneft PJSC, TNK PJSC, Public Corporation Rosatom, the Emercom of the RF, Russian Railways OJSC and other federal level companies.

We have established our dealership network in the biggest cities of Russia and the CIS:

- Almaty
- Almetievsk
- Atyrau
- Voronezh
- Ekaterinburg
- Kazan
- Karaganda
- Krasnodar
- Minsk
- Moscow
- Naberezhnye Chelny
- Nizhnekamsk;
- Novosibirsk
- Nur-Sultan
- Omsk
- Perm
- Rostov-on-Don
- Samara
- Saint Petersburg
- Saratov
- Tashkent
- Tomsk
- Khabarovsk
- Ufa, etc.



We promote our products in the market following the principles of customer orientation, open pricing policy and prompt performance of orders (provided quality of our work is not compromised by its speed).

Thanks to a comprehensive analysis of the current market of explosion-proof equipment as well as to our experience, we are able to specifically look for certain new technical solutions, and, moreover, to find, implement and put them into practice of the industry. Currently, our portfolio includes 12 product types with thirty modifications, but development of new products and systems never stops. For example, the Dialog-Ex analog-addressable system based on the Dozor-1A FACIE and designed jointly with NITA Company has found successful application at a number of explosive facilities (OC KazMunaiGaz JSC, Gazprom PJSC, etc.).

One of our priority activities is a series of TVK-07 explosion-proof casings. They are specifically designed for video surveillance systems, and aluminum as well as low carbon and stainless steel are used as structural materials for the models TVK-07-A/V/S/N, in order to ensure high strength and reliability during operation within the temperature range from -60 to 200°C. Modification TVK-07-S/N-IK30/120 and the infrared spotlight IK-07e designed specifically for limited visibility applications as well as the TOR and Modbus software offer additional opportunities.

Applied materials, structural elements and parameters of the manufactured products meet the strict requirements of the Marine and River Registers of Shipping and are widely used at offshore drilling platforms, oil tankers and shore infrastructure of sea and river ports.

Each product we make is subjected to several levels of quality control at all production stages, from procurement of components through final climatic tests that enable us to offer the warranty period of 5 years. Meanwhile, the actual service life of the products is minimum 10 years.

Our technology meets the rigid requirements of the quality management system GOST R ISO 9001-2015. Besides, Eridan has been entered into the Register of Reliable Partners of the Chamber of Commerce and Industry of the Russian Federation, which means that our brand name is highly appreciated. In 2019, the Ministry of Industry and Trade of Russia declared our company's production as Russian. This gives us the right to use the entire range of Eridan products in the import substitution programs at particularly hazardous facilities.




















In the same year, our company obtained Intergazcert VCS Certificates for our products, quality management system and goodwill assessment. This high rating gives us the opportunity to include our products into the Gazprom Register of Vendors of Materials and Equipment and supply equipment to its facilities.

However, for us, the principal driver is the personal motivation of each employee, which, in combination with high responsibility, brings great results!






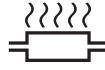
















We will be happy to answer any question you may have. Contact us: telephone +7 (343) 351-05-07 (multichannel); e-mail: [market@eridan-zao.ru](mailto:market@eridan-zao.ru)



# PICTOGRAM LEGEND

<b>1ExdIIC T6 X</b>	Explosion proofness marking		Effective internal volume
<b>IP67</b>	Ingress protection rating		Continuous operation time
 <b>-60°+60°C</b>	Operating temperature range, °C		Max. overall dimensions, mm
	IR lighting		Max. weight, kg
	Light indication		Visor
 <b>10 modes</b>	Number of operation modes		Emission wavelength, nm
	Glow color		Viewing angle
	Light + sound	<b>Aluminum/ Steel</b>	Enclosure material
 <b>100 dB</b>	Level of acoustic pressure		Supply voltage, V
 <b>5 J</b>	Flare pulse energy	<b>20 mA</b>	Maximum current consumption, A
<b>50 000 lx</b>	Light-signal contrast		Power
<b>3 IR IR/UV</b>	Radiation spectrum		Lifetime, min., years
<b>Modbus RTU/ Dozor</b>	Supported protocol		Warranty period, years

# PICTOGRAM LEGEND

	Cold start mode		USB port
	Turning angle, degree		Furnishing with a videocamera
	Operating air pressure		Protection from overheating
	Elevation difference of installation between the valve unit and the washer tank, max., m		Dirt knocking off with high pressure liquid jet
	Explosion proofness certification		Drying with high pressure air
	ATEX certification		Voluntary certification certificate «INTERGAZCERT»
	Fire safety certification		Equipment and material list of Transneft, PJSC
	Certificate of compliance with the Technical Regulations of the Customs Union		MTR OC Rosneft PJSC suppliers data base
	The management system of the company meets the requirements of GOST ISO 9001-2015		Certificate of compliance with the requirements TR 2009/013/BY of the Republic of Belarus
	Stock item identification guide MTR Gazprom PJSC		Permir for use in the Reoublic of Kazakhstan
	Certificate of type approval of the Russian Maritime Register of Shipping		Certificate of type approval of the Russian Inland Register of Shipping