



VELAN-
at the heart of your safety!



ABOUT COMPANY

We create explosion-proof electrical equipment that prevents emergencies and serves safely and reliably in industrial plants and facilities with dangerous and aggressive environments anywhere in the world.

Long-term experience of the team of professionals and modern high-tech production of a full cycle allows us to continuously innovate and provide the highest quality and wide range of products.

VELAN – is Russian manufacturer of the explosion-proof electrical equipment with high-tech production, which has many years of experience and innovative solutions in Russian Federation and abroad.

VELAN - the leader of Russian market of explosion-proof equipment, which is intended for use in hazardous areas of enterprises.

VELAN – appreciates the trust of its consumers and strives to provide the most convenient conditions for cooperation and stable product quality.

Our priority is an individual approach to the customer!

ABOUT COMPANY

The production facility is located in the Stavropol Region, covers an area of more than 130,000 m². The production site includes a casting shop (aluminum and plastic), a metal processing shop, a painting shop (conveyor powder coating), a machining shop, an assembly shop, a quality control department and a packing workshop.

The company has its own engineering and design center, which annually develops dozens of new products in accordance with the requests of consumers.

All products undergoes thorough the laboratory testing in accordance with the requirements of international standards.

The company has a successful work experience since 1958. The main principle of the company's activity is safety! This is not just a principle, but a philosophy that for half a century inspires all our practical activities and is realized in the products we produce.



OUR PRODUCTION

DISTRIBUTION OF PRODUCTS BY CATEGORIES

85 %
Explosion-proof
equipment

15 %
Industrial
equipment

DISTRIBUTION OF PRODUCTS BY TYPES

5 %
Other
production

45 %
Low-voltage
equipment

50 %
Lighting
equipment

The model range of VELAN has 16 groups of explosion-proof and industrial equipment. Products of VELAN are certified in accordance with the requirements of GOST, ATEX, IECEx.

All types of equipment can be supplied as per the request of the customer various modifications depending on the housing material, size, level explosion protection and climatic modification.

OUR CUSTOMER

Applications of VELAN products:

- O&G upstream and coal mines.
- Processing and storage of O&G.
- Power generation.
- Chemical industry.
- Metallurgical companies, concentrating combines.
- Defense industry.

The VELAN equipment is designed for operation under extreme conditions.



**Low
temperatures**

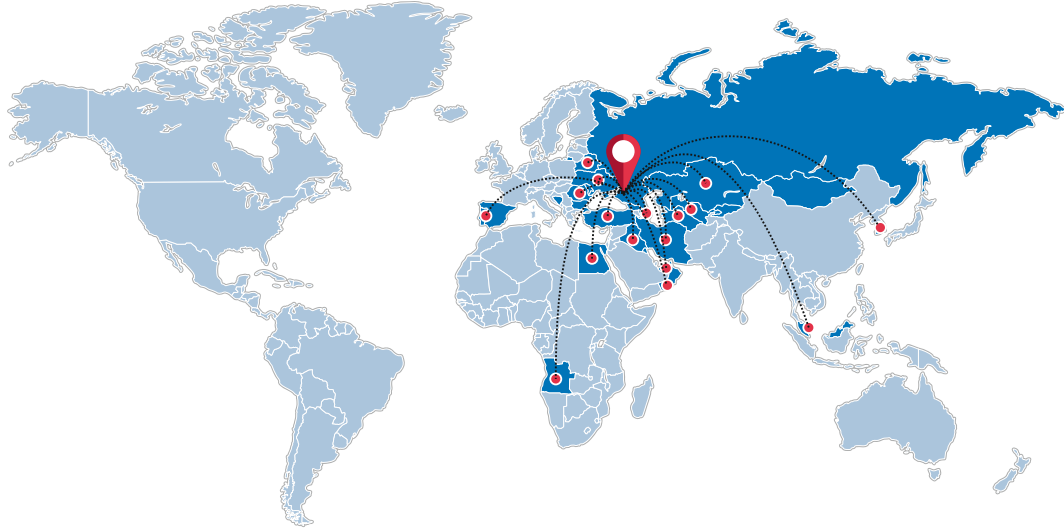
**Wet
climate
and high
temperatures**



**Aggressive media
(salt fog, acid
fumes, etc.)**

VELAN ON THE WORLD MAP

VELAN occupies leading positions in sales among Russia, and is also the main supplier of explosion-proof electrical equipment to countries such as Kazakhstan, Belarus, Ukraine, Uzbekistan, Azerbaijan and Turkmenistan.



On a regular basis production is supplied to Angola, Mozambique, the United Arab Emirates, Iran, Oman, Egypt and other countries.



Debugged logistics infrastructure offers the shortest time delivery of products to customers' facilities anywhere in the world.

We deliver products by all means of transport, including road, rail, river, sea and air.

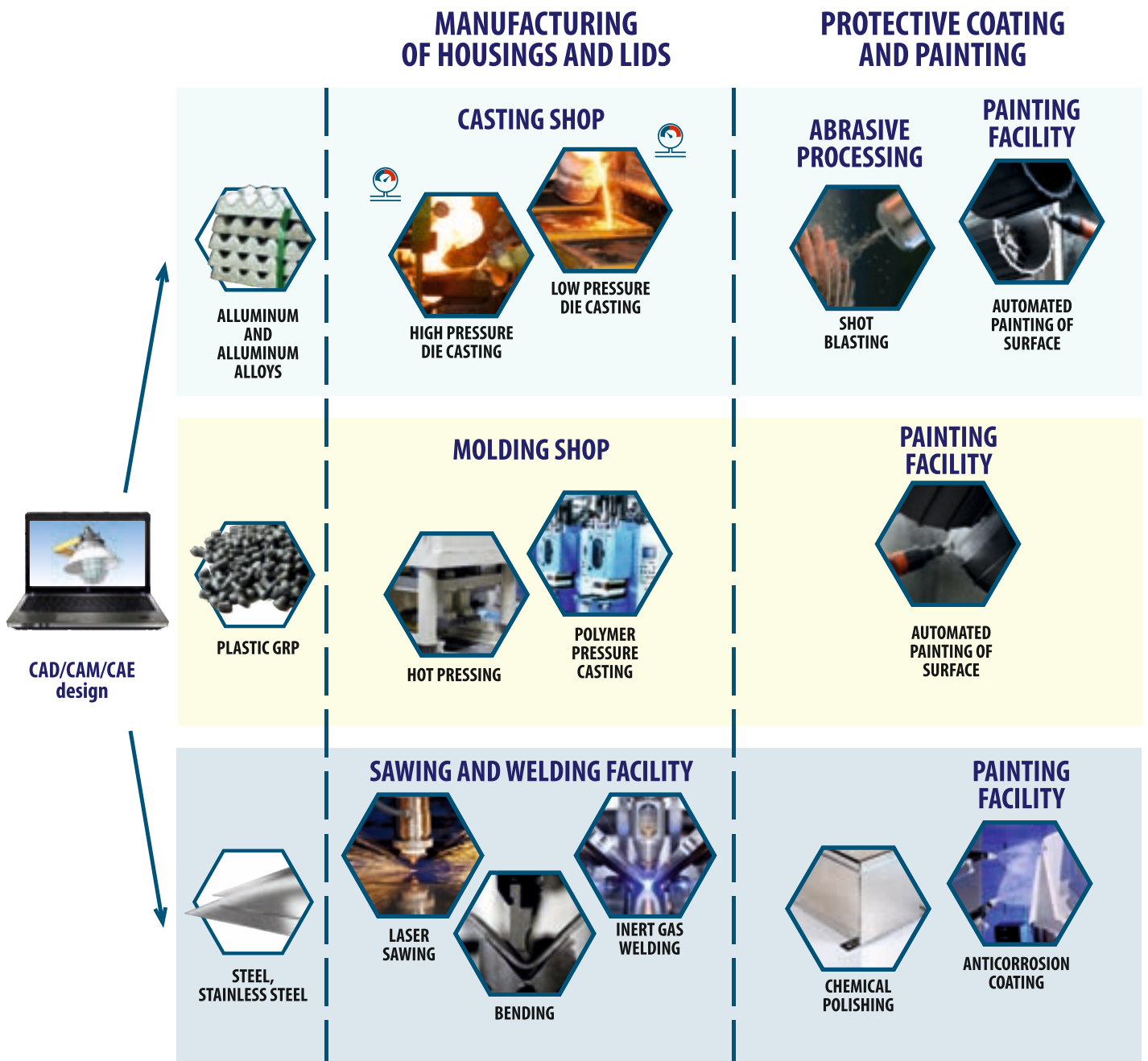


FULL CYCLE OF PRODUCTION

The production process of VELAN electrical equipment is completely closed-loop. All technological operations are performed at own capacities, this allows to significantly save on costs, as well as to control the quality of each technological operation.

The process of producing explosion-proof equipment consists of the following basic operations:

The production of the basic parts of VELAN is carried out depending on the type of equipment, the methods of casting (under low or high pressure), welding of structural steel (including stainless) or hot pressing method (plastic).



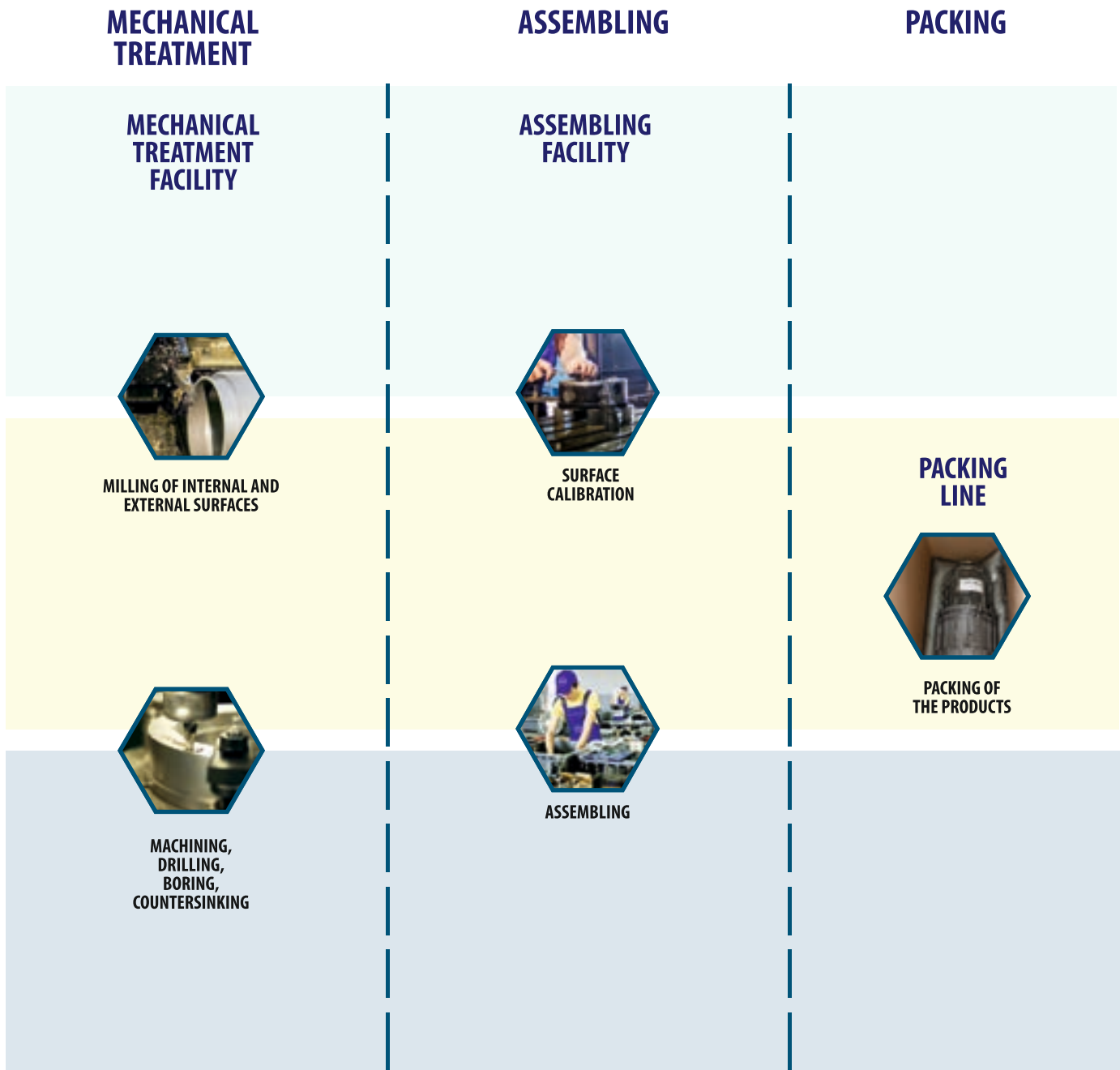


To provide additional protection against the influence of aggressive media, VELAN products *are painted with special ink* on the automated coating line.

Machining parts is carried out on modern high-precision lathes and milling machine tools with numerical control.

The own production of explosion-proof components allows *quality control of all components*, included in the product of VELAN.

Assembling of the equipment is automated and is produced by highly qualified specialists of the company VELAN.





LIGHTNING EQUIPMENT

(lighting fixtures, floodlights - LED, lamp, explosion-proof, industrial)



CONTROL AND SIGNAL STATIONS

(4 types of enclosures from various materials, 32 dimensions, free completeness, explosion-proof, industrial)



LIGHTING BOARDS

(modular design, color indication, the ability to be equipped with plugs and sockets, explosion-proof, industrial)



COMMUTATION MODULES

(modular configuration, number of cycles of operation up to 10000, explosion-proof)



JUNCTION BOXES - CONNECTING, BRANCHING

(free completeness, high-voltage / low-voltage, various materials for connecting cables of round and flat cross-section, explosion-proof, industrial)



CHANGEOVER ROTARY SWITCH

(implementation of any configuration scheme, aluminum / plastic housing, rated current up to 63A, explosion-proof, industrial)



PUSH-BUTTON STATIONS

(buttons with and without fixing, piezo buttons, buttons with indication, indicators of various colors, equipment with necessary measuring instruments, explosion-proof, industrial)



ALARM STATIONS

(light, sound, light and sound, various colors, 4 mounting types, explosion-proof)



INFORMATION PANNEL

(light, light-sound, with a static inscription or dynamically-changing, various mounting types, a complete set by the accumulator, an opportunity of programming of inscriptions, explosion-proof)



TRAFFIC LIGHTS

(LED light source, 5 options for glow modules, the ability to complete a visor, power supply 12-220V, 1 and 2 electrical equipment group; Explosion-proof)



STARTERS AND CONTROL DEVICES

(the possibility of local and remote control, various types of protection, the presence of light signaling, the possibility of reversible design, rated current up to 250A, rated voltage up to 1140V, explosion-proof)



SWITCHES

(push button, position, end, various materials for the housing manufacture, various types of drives, explosion-proof, industrial)



CONNECTORS

(rated current from 16 to 400A, the possibility of integration into various enclosures, in configuration with an automatic switch and a switch, explosion-proof)



CABLE GLANDS

(for armored/unarmoured cable, pipe wiring, various manufacturing materials, cable range from 5 to 112 mm, mortise and overhead, internal and external thread of various types, explosion-proof)



ENCLOSURES, FITTINGS

(various manufacturing materials, great number of dimensions for any zone of explosion protection, the possibility of an inspection window, explosion-proof)



Ex - COMPONENTS

(instrumentation, indicators, contact blocks, push-button elements, microswitches)



INTEGRATED SOLUTIONS

(the integrated solutions can be equipped by different sizes and types of the equipment as per request of the customer)

PRODUCT QUALITY

The VELAN products meet the requirements of the technical regulations of the EU and CIS countries. Presence of international certificates GOST, ATEX, IECEx, allows us to use our products on most sites around the world:



Quality of VELAN products is confirmed by Russian and international certification centers:



The modern level of production meets international requirements:



SERVICE

The company VELAN, has more than half a century of experience in production of explosion-proof equipment and offers its customers a high level of service:

- Qualified information and technical customer support.
- Consulting and expert services in the field of installation and operation explosion-proof electrical equipment.
- Conducting training seminars for maintenance personnel at the customer's facilities.
- Installation, adjustment of lighting and electrical equipment produced by "VELAN".
- Expert acceptance of installation works.
- Service, warranty and post-warranty service.



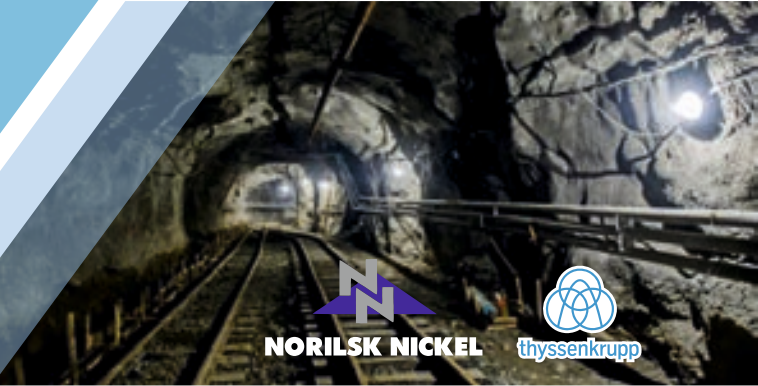
COMPLETED PROJECTS

For more than half a century, the largest enterprises trust their safety to VELAN products, which indicate a consistently high level of quality.



Taneco

East-Urengoy
license area
Development



Kolskaya MMC;
The Oktyabrsky and
Komsomolsky mines



Nizhnekamskneftekhim



ANTIPINSKY OIL REFINERY



"Ust-Yayvinsky" site
Verkhnekamskoe deposit
Development

Development of Novoportovskogo deposit, "South corridor" gas pipeline



Gas pipeline
«Bovanenkovo-Ukhta1-2»,
«Siberian Power» gas pipeline



Kandimskiy GIC



Yamal LNG

ZAPSIBNEFTEKHIM



Marine Ice-resistant Fixed Platform
«NEAR-FAULT»

REPRESENTATIVE OFFICES and BRANCHES

The VELAN products can be delivered to the customer's site in the shortest possible time via a well-developed network of representatives.

Production line



RUSSIA
JSC "VELAN"
Phone:
Website:

357911, Russia, Stavropol region,
Zelenokumsk, Velanovskaja st. 1
[+7 \(863\) 237-03-40](tel:+78632370340)
www.velan.ru

Headquarter



RUSSIA
JSC «TD «VELAN»
Phone:
Hot line number:
Website:
E-mail:
JSC «VELAN»

344022, Russia, Rostov-on-Don,
Suvorova st. 91, of. 43
[+7 \(863\) 237-03-40](tel:+78632370340)
[8-800-200-6222](tel:88002006222)
www.velan-ex.com
velan-td@velan-td.ru
357911, Russia, Stavropol region,
Zelenokumsk, Valanovskaya st. 1, office.112
[+7 \(863\) 237-03-40](tel:+78632370340)
www.velan-ex.com

Official representatives



KAZAKHSTAN, **TOO «National Security & Communication»**

Phone:
E-mail:

*050000 Republic of Kazakhstan, Almaty,
Raiymbek Avenue 162*
[+7 727 279 7692](tel:+77272797692) / [+7 705 111 99 78](tel:+77051119978)
velan@nscom.kz



UKRAINE, **JSC «CONTACTENERGO»**

Phone:
Website:
E-mail:

[+38-057-754-68-74](tel:+380577546874)
www.kontaktenergo.com.ua
sales@kontaktenergo.com.ua



BELARUS, **JSC «PTP Promtehpribor»**

Phone:
Website:
E-mail:

[+375-17-362-35-62](tel:+375173623562)
www.velan.by
info@velan.by



MOLDOVA, **"MEGAWATT PLUS" SRL**

Phone:
E-mail:

[+37368607500](tel:+37368607500)
office.megawatt@gmail.com



ROMANIA, **"MEGAWATT PLUS" SRL**

Телефон:
E-mail:

[+37368607500](tel:+37368607500)
office.megawatt@gmail.com

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AZERBAIJAN, "TechNova" LLC
 Phone: +99-455-930-71-52
 E-mail: velan.baku@yahoo.com
- 
UZBEKISTAN, 000 "Nano Energo"
 Phone: +998-71-241-26-21
 E-mail: nano-energo@mail.ru
- 
TURKMENISTAN, Eurasia Development LLC
 Phone/fax: +993 12 93 80 22/+993 12 93 56 73
 Website: www.eurasia-development.ch
 E-mail: info@eurasia-development.ch
- 
SOUTH KOREA, Exsior Co., Ltd.
 Phone: +8-222-275-52-43
- 
PORTUGAL, Cortartec
 Phone: +3-5121-982-41-33
 Website: www.cortartec.net
- 
IRAN, Farakoh Co.
 Phone/fax: +98 21 88618316 To 20/+98 21 88618238
 E-mail: info@farakoh.ir
 Website: www.farakoh.ir
- 
UAE, Al Masaood Oil Industry
 Phone: +9-712-626-76-66 / +9-712-626-21-06
 Website: www.almasaoodoiss.com
- 
IRAQ, Babel company
 Phone: +9-626-556-35-72
 Website: www.babelenergygroup.com
- 
OMAN, Quartet Solutions
 Phone: +9-682-450-29-86
 Website: www.qsoman.com
- 
QATAR, Safeguard Trading W.L.L
 Phone/fax: +974 4443 6027/+974 4432 9986
 Website: www.safeguardgroup-qa.com
- 
ANGOLA, FOPLES Soluções de Apoio à Indústria
 Phone: +244 226 215 124
 Website: www.foples.com
 E-mail: contact@foples.com
- 
TURKEY, Deltafleks Elektrik Ltd Şti
 Phone/fax: +90 216 317 6818/+90 216 317 6900
 Website: www.deltafleks.com
 E-mail: info@deltafleks.com
- 
MALAYSIA, GatiPetrochem E&A Sdn Bhd
 Phone/mobile: +603 9075 4832/+6012-766 1020
 Website: www.gati.com.my
 E-mail: sales@gati.com.my

WHY VELAN

Experience since 1958



State-of-the-art production technologies



High quality of products



Short lead time



Modern laboratories



Warranty / after-sales service



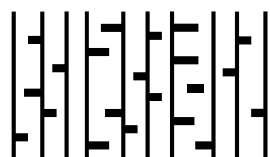
Long lifetime of the products





VELAN

Russia, Rostov-on-Don,
Suvorova st. 91, of. 43
Phone: +7 (863) 300-01-98
velan-td@velan-td.ru
www.velan-ex.com



MADE IN RUSSIA