



ОРГАН
ПО СЕРТИФИКАЦИИ
С 1996 Г.



PRESENTATION

ABOUT THE COMPANY

SERCONS Group is the largest certification body in the Eurasian Union, specializing in industrial safety expertise and other services.

The company employs **over 2,500 qualified experts**, specialists, and test engineers with extensive experience and specialized education.

As part of the SERCONS Group:

- Accredited certification authorities
- Licensed expert organizations
- Own testing laboratories
- Voluntary certification systems

The following products are tested in the SERCONS own laboratories:

- Electrical equipment
 - Fire safety equipment
 - Building and decoration materials
 - Cars and equipment
 - Overpressure equipment
 - Explosion-proof equipment
 - Auto components
 - Food products
 - Clothing and textile materials
 - Products for children and teenagers
- Etc.

One of the leading laboratories of the **SERCONS Group** - is the largest testing laboratory in the territory of the Eurasian Union countries.

The laboratory is accredited to conduct tests in accordance with 31 Technical Regulations of the Customs Union, covers an area of 20,000 m² and includes more than 3,000 units of unique testing and measuring equipment. The laboratory capacity is over 10,000 samples per year.

27

years of successful work

23

branches Asia and Europe

19 000

issued certificates and declarations

86 000

clients worldwide

TEST CENTER AND LABORATORIES

SERCONS pays great attention to the development of its own laboratory campuses.

In 2017, the company opened the PROMMASH TEST center in Chekhov, which was successfully accredited by the Federal Accreditation Service for conducting certification tests. The facility performs daily testing of samples to ensure compliance with Russian and international quality standards.

The Center presents more than 3000 pieces of equipment and technical means, including those unique for. The capacity of the testing center is more than 10,000 samples per year.

Testing center «PromMash Test» is a partner of many European laboratories and has gained a reputation among clients as a reliable company that helps to build a business and take care of product quality.







Testing center «PromMash Test» is represented by three buildings and located on an area of more than 4 500 sq.m.

The laboratory complex is testing

- household electrical appliances
- auto components
- equipment used in the energy, oil and gas industry
- food processing equipment
- lifting mechanisms
- personal protective equipment, including respiratory organs
- equipment working in hazardous areas
- clothing, textile materials
- products for children and adolescents
- and etc.



Among the unique test benches:

Newton 24-zone thermal dummy for testing the protective properties of clothing and equipment in extreme temperatures. The mannequin has its own constant temperature of the surface of the heat-conducting material, imitates movements, walking of a person, running of varying intensity and even sweating.

Climatic chamber REOCAM TCH-30k-S, with a volume of 30 cubic meters for testing any type of product for temperature/humidity exposure.





Device for determining the heat-insulating properties of shoes when exposed to various negative temperatures (DVT SKY). The shoe sample is placed in a thermal container for a certain period of time, then the temperature of the insole is measured.

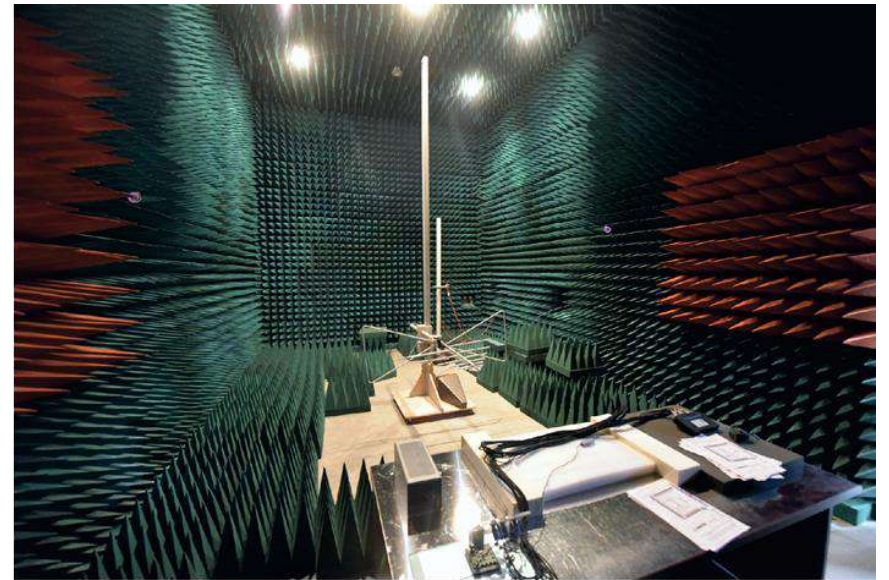
Explosion chambers for investigating the damaging effect of a blast wave on test samples, including the resistance of the samples to the action of a shock wave, high-temperature flames and incandescent gases.

Regulations for certification tests for compliance with the requirements of TR CU and GOST R:

004/2011, 005/2011, 007/2011, 008/2011, 009/2011, 010/2011, 011/2011, 012/2011, 014/2011, 015/2011, 016/2011, 017/2011, 018/2011, 019/2011, 020/2011, 021/2011, 023/2011, 024/2011, 025/2012, 029/2011, 030/2012, 031/2012, 032/2013, 033/2011, 034/2011, 035/2011, 037/2011, 038/2016, 040/2011, 042/2017, 043/2011.

Our advantages:

- A wide range of tests
- more than 3000 pieces of equipment and technical means
- uniqueness of equipment (most stands do not have
- analogues in Russia)



FIRE LABORATORY

At each facility (building / structure), products are subject to fire safety requirements.

Our testing laboratories are equipped with the latest equipment and are represented by experienced experts in the field of fire certification.

Tests are carried out in order to verify the fire characteristics of products / materials (flammability, toxicity, smoke-generating ability, fire resistance, etc.) for their further implementation at facilities.

When conducting high-quality tests, the client can observe the process, as well as take photos and videos.

In fire laboratories equipped with modern equipment and high-precision instruments, the following types of materials are tested:

- fire automatics
- fire retardant
- finishing and facing
- heat insulating
- floor (linoleum, laminate and others)
- waterproofing
- roofing
- fire-resistant structures (partitions, windows, doors)
- fabrics, textiles and bedding
- cable products

In addition, laboratories are certified within the framework of Maritime and River Register of Shipping for the right conducting fire tests for products, supplied in the field of sea and river Russian shipping.





Eurasian

CERTIFICATION

Confirmation of product compliance with requirements Technical Regulations of the Customs Union (TR CU)

The Customs Union is a union of 5 countries: Kazakhstan, Russia, Kyrgyzstan, Armenia, Belarus. The CU was created to ensure the free movement of products between these countries and to establish uniform rules for conformity to quality.



We accept requests for certification and declaration of products for confirmation of their compliance with the requirements of TR CU:

- TR CU 004/2011 «On the safety of low-voltage equipment»
- TR CU 005/2011 «On the safety of packaging»
- TR CU 007/2011 «On the safety of products intended for children and adolescents»
- TR CU 008/2011 «On the safety of toys" TR CU 009/2011 "On the safety of perfumery and cosmetic products»
- TR CU 010/2011 «On the safety of machinery and equipment»
- TR CU 011/2011 «Safety of elevators»
- TR CU 012/2011 «On safety of equipment for work in explosive atmospheres»
- TR CU 014/2011 «On the safety of highways»
- TR CU 015/2011 «On grain safety»
- TR CU 016/2011 «On the safety of devices operating on gaseous fuel»
- TR CU 017/2011 «On the safety of light industry products»
- TR CU 018/2011 «On the safety of wheeled vehicles»
- TR CU 019/2011 «On the safety of personal protective equipment»
- TR CU 020/2011 «Electromagnetic compatibility of technical equipment»
- TR CU 021/2011 «On food safety»
- TR CU 023/2011 «On the safety of juice products»
- TR CU 024/2011 «On the safety of fat and oil products»
- TR CU 025/2012 «On the safety of furniture products»
- TR CU 029/2012 «On the safety of food additives, flavorings and technological aids»
- TR CU 030/2012 «On requirements for lubricants, oils and special fluids»
- TR CU 031/2012 «On the safety of agricultural and forestry tractors and trailers to them»
- TR CU 032/2013 «On the safety of equipment operating under excessive pressure»
- TR CU 033/2013 «On the safety of milk and dairy products»
- TR CU 034/2013 «On the safety of meat and meat products»
- TR CU 035/2014 «Technical regulations for tobacco products»
- TR EAEU 037/2016 «On the restriction of the use of hazardous substances in electrical and radioelectronic products»
- EAEU 038/2016 «On the safety of attractions»
- TR CU 040/2016 «On the safety of fish and fish products»
- EAEU 042/2017 «On the safety of equipment for children's playgrounds»
- TR EAEU 043/2017 «On requirements for fire safety and fire extinguishing equipment»
- TR CU 044/2011 «On the safety of packaged water, including natural mineral water»



INDUSTRIAL SAFETY

Industrial safety examination is the process of confirming the compliance of an object with safety requirements. Buildings and structures, technical devices used at hazardous production facilities, various types of technical documentation related to the operation of hazardous industrial facilities are subject to examination.

SERCONS provides industrial safety expertise services in the following areas:

- Industrial safety expertise and technical diagnostics of technical devices
- Industrial safety expertise and technical inspection of buildings and structures
- Non-destructive testing during the construction of hazardous production facilities and nuclear facilities



FIRE CERTIFICATION

All legal entities and individual entrepreneurs in order to protect life, health and property from fires must perform a number of measures. For example, all organizations at the facility need to have a responsible person and a set of fire safety documents, which includes magazines, orders, instructions. In addition, at each facility there must be plans for the evacuation of people in case of fire, a declaration of fire safety, calculation of categories for explosion and fire hazard.

The group of companies SERCONS has licenses and accreditation to carry out expertise in the field of fire safety. The company's specialists will prepare a complete set of documents, as well as conduct an independent assessment of fire risk, express audit and other services to ensure that your facility meets all fire safety requirements.

Our services:

Certification and declaration of conformity to requirements:

- Technical Regulations TR EAEU 043/2017 "On requirements for means of ensuring fire safety and fire extinguishing"
- Federal Law №123 "Technical Regulations on Fire Safety Requirements»
- Registration of negative decisions on the application (letter of exemption)
- Inspection control
- Registration of a voluntary certificate of compliance with fire safety requirements
- Control tests





MANAGMENT SYSTEMS

Certification and consulting of management systems for compliance with standards is an assessment of the degree to which an organization has complied with legislative and other regulatory requirements related to production.

The versatility of these standards allows you to implement and certify management systems in all industries and in any production.



Also, experts are ready to advise you in choosing the required standard: EMS, OHSAS, ISM, QMS, etc.

OCCUPATIONAL SAFETY AND HEALTH

Special assessment of working conditions

Since 2014, the previously used "Certification of workplaces" service has been replaced by a procedure called "Special Assessment of Working Conditions". This is a set of measures to identify harmful and / or hazardous production factors and assess the degree of their influence on the employee.

Carrying out Special Assessment of Working Conditions, according to the current legislation, should be carried out exclusively by accredited certification bodies.

Three parties are necessarily involved in the Special Assessment of Working Conditions process: the employer, the employees of the organization themselves and the company that owns its own laboratory, accredited to provide such services. At the same time, the testing laboratory must be included in the register of the Ministry of Labor, which contains a list of companies authorized to carry out Special Assessment of Working Conditions, and also have at least five accredited experts and a general hygiene doctor.

Services of SERCONS in the field of labor protection:

- Development of documents on labor protection
- Occupational safety audit
- Labor protection outsourcing
- Investigation of accidents
- Refunds from the Federal Insurance Service
- Development of documents on civil defense and protection against emergency situations
- Labor protection consulting services
- Labor rationing



METROLOGY

SERCONS provides services for type approval of measuring instruments, verification and calibration, certification of test equipment, classifying technical means as measuring instruments, etc.



SERCONS provides the following services in the field of metrology and verification:

- Explanation of The Federal Agency for Technical Regulation and Metrology (Rosstandart) on the classification of technical devices and products as measuring instruments with the possibility of issuing an official opinion of the Federal Agency for Technical Regulation and Metrology
- Metrological expertise to extend the validity of the certificate of type approval of measuring instruments
- Testing of measuring instruments for type approval
- Changes to the description of the type of measuring instruments that do not affect the metrological characteristics
- Description of the type of measuring instruments that do not affect the metrological characteristics
- Renewal of the certificate of type approval of measuring instruments
- Changes to the verification procedure
- Recognition of test results and type approval, verification, metrological certification of measuring instruments
- Metrological examination of design, engineering, technological, operational documentation and facilities used in the development, production, testing and operation of products and other products in the sectors of the economy and services
- Test equipment certification
- Verification of measuring instruments
- Calibration of measuring instruments

FIRE SAFETY

All legal entities and individual entrepreneurs in order to protect life, health and property from fires must perform a number of measures. For example, all organizations at the facility need to have a responsible person and a set of fire safety documents, which includes magazines, orders, instructions. In addition, at each facility there must be plans for the evacuation of people in case of fire, a declaration of fire safety, calculation of categories for explosion and fire hazard.

SERCONS is licensed and accredited to conduct fire safety expertise. The company's specialists will prepare a full set of documents, as well as conduct an independent fire risk assessment, express audit and other services to ensure that your facility meets all fire safety requirements.





EUROPEAN QUALITY CERTIFICATE

CE – Certificate of compliance

The CE (Conformité Européenne) certificate confirms the conformity of products with the requirements of the European Union. Its availability allows you to freely export goods to EU countries.

SERCONS provides international certification services for the following directives and areas:

- Directive 2014/35/EU «Low voltage equipment»
- Directive 2014/30/EU «Electromagnetic compatibility»
- Directive 2014/53/EU «Radio equipment»
- Directive 2006/42/MD «Machines and mechanisms»
- Directive 2014/29/EU «Simple pressure vessels»
- Directive 2014/68/EU «Pressure equipment»
- Directive 2014/34/EU «Equipment and protective systems intended for use in potentially explosive atmospheres» (ATEX)
- Directive 2014/33/EU «Lifts and hoisting machines»
- Directive 2009/48/EC «Safety of toys»
- Regulation №305/2011 «Construction products»
- Regulation №2016/425/EU «Personal protective equipment»
- Food labeling
- Preparation of a safety data sheet for chemical products (MSDS) and registration of chemicals in the EU in accordance with the REACH regulation
- Testing of textile products according to EU regulations
- Conducting tests of cosmetic products according to EU regulations
- Testing food products according to EU regulations

NON-STATE EXPERTISE

Non-state expertise of project documentation and results of engineering surveys

A non-state examination of design documentation and engineering survey results is carried out in order to ensure maximum safety of construction and subsequent operation of buildings and structures. The service is mandatory for obtaining a building permit and for the reconstruction of objects.

Objects that require a non-state examination are determined by legislation. In addition, the direct management of the facility can conduct an examination on its own initiative before the state audit in order to minimize possible risks.

To use the services of our company, you must submit an application and a package of documents, including the results of engineering surveys and a copy of the assignment for the design of the facility.

SERCONS provides non-state expertise services in the following areas:

- Expertise of industrial safety of design documentation for technical re-equipment, conservation, liquidation
- Expertise of industrial safety of new technical devices prior to use at a hazardous production facility
- Conducting a voluntary examination of industrial safety of technical devices in the voluntary certification system in the field of industrial safety
- Receiving an explanatory letter from Rostekhnadzor
- Development of a safety data sheet for a hazardous production facility



STUDY CENTRE

The training center provides services for:

- Professional development
- Professional retraining
- Learning and knowledge testing

Increasing qualification

- Design
- Engineering surveys for construction
- Environmental Safety
- Construction of buildings and structures
- Urban planning and protection of cultural heritage
- Safety of work
- Industrial alpinism
- Conducting energy surveys
- Excavation
- Ensuring the safe operation of inspection systems (for operators)
- Anti-corruption in the system of state bodies of the Russian Federation
- Civil defense and emergencies
- Special assessment of working conditions

Professional retraining

- Construction of buildings and structures
- Urban planning and protection of cultural heritage
- Modern methods of conducting mine surveying
- Fire safety
- Industrial alpinism
- Occupational Safety and Health
- Metrology and standardization
- Personnel Management
- Management in education



ECOLOGICAL DESIGN AND CONSULTING

The company "SERCONS" offers a full range of services in the field of environmental surveys, design, regulation and consulting at any stage of the facility's operation.

We have completed more than 2,500 environmental works for the largest manufacturing enterprises and industrial complexes. We give a guarantee of approval of our projects in government agencies. Availability of our own accredited laboratory "Analekt" with more than 17 years of experience in the environmental services market.

For operating enterprises:

- Environmental regulation
- Environmental consulting
- Environmental audit
- Environmental support of enterprises
- Certification of hazardous waste
- Environmental design (Sanitary protection zone project)
- Laboratory studies of the concentration of pollutants in the environment: industrial and atmospheric air; waste water, drinking water, natural water; soil, ground, bottom sediments.
- Study of waste and production and consumption

For projected enterprises:

- Ecological design: «List of measures for environmental protection», «Environmental Impact Assessment», «Sanitary protection zone project»
- Engineering and environmental surveys
- Engineering and hydrometeorological surveys



TECHNICAL DOCUMENTATION

Technical documentation is a package of documents developed within the framework of design, manufacture, operation, reconstruction, conservation and disposal of equipment, buildings (structures), technical devices, chemical and food products, software, etc.

Mandatory availability and provision of a set of technical documentation is regulated by the requirements of the legislation on technical regulation. Its development can be carried out both by the enterprise itself and by third-party organizations and specialists. In a number of cases established by law, technical documentation is registered with supervisory organizations.

SERCONS provides services for the development of various types of technical documentation. Our experts will prepare the necessary documents in the shortest possible time and will accompany the customer during the registration procedure.

Our services:

- Technical documentation
- Product passport
- Passport of the pressure vessel
- Passport of the pipeline
- Quality passport
- Manual
- Safety Case
- Assessment of ignition risks
- Specifications
- Strength calculation
- Passport of the attraction (TR CU 038)
- Administrator's log accounting of admissions of the attraction for operation (TR CU 038)
- Log book of maintenance and repair (TR CU 038)
- Maintenance manual (TR CU 038)
- Operation manual for the attraction (TR CU 038)
- Instructions for packaging, transportation and storage (TR CU 038)
- Instructions for assembly and disassembly (TR CU 038)
- Justification of the safety of the attraction (TR CU 038)
- Passport of the playground (TR CU 042)
- Installation instructions (TR CU 042)

CERTIFICATE OF THE MARITIME AND RIVER REGISTER OF SHIPPING

The certificate of the Maritime and River Register of Shipping is a document that confirms that materials and products intended for the construction and assembly of ships and floating equipment comply with the requirements of the technical regulations on the safety of inland water transport facilities and a number of other regulatory documents.

Our laboratory is accredited to conduct tests of products intended for the construction and assembly of floating equipment.



The organization's experts provide support in the development and approval of technical documentation in the Registers, as well as consultations when obtaining certificates.

ENERGY AUDIT

Energy audit is a set of measures that allow you to assess the actual energy cost of an object. This type of survey is carried out to determine the state of power systems, to identify sources of unjustified waste of resources. Based on the results of the energy audit, specialists identify the irrational use of energy resources, and also develop solutions to improve the energy efficiency of the facility.

SERCONS has the necessary approvals of self-regulatory organizations for energy audits in all regions . Thanks to modern high-precision measuring equipment, our specialists receive the most reliable data.

As a result of the energy audit, SERCONS clients are issued an energy passport registered with the Ministry of Energy, which contains statistics of consumed energy resources and includes a complex for reducing energy costs.

Registration number: CPO-3-065

Our services:

- Energy survey of consumers of fuel and energy resources and water (instrumental).
- Energy inspection of a building, structure, structure (instrumental or documentary).
- Examination of calculations and substantiation of standards for technological losses during the transfer of heat energy, heat carrier in heat networks.
- Examination of calculations and substantiation of the norms of specific fuel consumption for the supplied electric and thermal energy from thermal power plants and boiler houses.
- Examination of calculations and substantiation of standards for creating fuel reserves at thermal power plants and boiler houses.
- Examination of calculations and justification of the reliability of the heat supply system.
- Examination of calculations and substantiation of the reliability of the power supply system.
- Acceptance, preventive, operational tests and measurements of electrical equipment and electrical installations with voltage up to 35 kV.
- Checking lightning protection systems and protective grounding systems.
- Thermal imaging diagnostics of electrical equipment and electrical installations.
- Quality control of electrical energy in power supply systems.
- Checking the efficiency of ventilation and aspiration systems.
- Certification of ventilation and aspiration systems.
- Technical examination of electrical equipment.
- Compressed air systems audit (pneumatic audit)





ALL SERVICES

Certification:

Certification and declaration for compliance with the
Technical Regulations of the Customs Union TR CU EAC
ISO Management System Certification and Consulting
OTTS, SBKTS

International certification

Seismic certification

Industrial safety certification

"SertPromBezopasnost"

Certification of sports facilities and equipment

Metrology

Type approval of measuring instruments

Verification

Calibration

Changes to the type description

Occupational Safety and Health

Special assessment of working conditions

Occupational safety audit

Labor protection outsourcing

Investigation of accidents

Production control

Professional risk assessment

Industrial safety

Industrial safety expertise of technical devices, buildings and
structures, design documentation for technical re-equipment,
conservation and liquidation, new technical devices prior to use
at a hazardous production facility

Technical diagnostics and certification

Industrial safety declaration

Unbreakable control

Voluntary certification in the field of industrial safety

Non-state examination of project documentation

Conducting a non-state examination of design documentation
and engineering survey results.

Audit of sections of project documentation

Examination of estimate (design and estimate) documentation

Non-state expertise in the form of expert support

Designing the Civil Defense and Emergencies Section

Technological and price audit to justify investments

Fire safety

Special technical conditions
Independent assessment of fire risk
Calculation of times and routes of evacuation
Fire safety declaration
Development and production of evacuation plans
Category calculation for explosion and fire hazard
Development of a section of project documentation
"Measures to ensure fire safety"
Civil defense and emergency plan
Development and approval of anti-terrorist security passports
Ministry of Emergency Situations license
Express audit with expert opinion
Labor protection consulting services
Labor rationing

Licensing and registration of hazardous production facilities

Registration and licensing of hazardous production facilities
Justification of the safety of hazardous production facilities
Registration of technical devices in the territorial body of Rostekhnadzor.
Development of an industrial safety declaration
Industrial safety audit at a hazardous production facility

Fire safety certification

Certification and declaration of conformity to requirements:
- Technical Regulations TR EAEU 043/2017 «On Requirements for Means of Ensuring Fire Safety and Fire Fighting»
- Federal Law №123 «Technical Regulations on Fire Safety Requirements»
Conducting certification and control tests for compliance with fire safety requirements
Registration of negative decisions on the application (letter of exemption)
Registration of a voluntary certificate of compliance with fire safety requirements
Assessment of the quality of application of fire retardant coatings on metal and wooden structures (instrumental control)

Ecology

Environmental regulation
Environmental audit and consulting
Environmental studies: sources of air emissions, ventilation, physical factors
Study of the concentration of pollutants in the environment:
- industrial and atmospheric air
- sewage, potable, natural soil
- soil, bottom sediments
Research of production and consumption waste
Certification of hazardous waste
Certification in the "RosEcoCertification" system

Energy audit and electrical laboratory

Energy inspection of buildings and structures, consumers of fuel and energy resources and water

Examination of calculations and justification of standards technological losses, specific fuel consumption, reliability of the power supply and heat supply system

Acceptance, operational tests of electrical equipment with voltage up to 35 kV

Checking lightning protection and grounding systems

Thermal imaging diagnostics of electrical equipment and electrical installations

Quality control of electrical energy in power supply systems

Checking the performance and certification of ventilation and aspiration systems

Technical examination of electrical equipment

Compressed air systems audit (pneumatic audit)

Study center

Qualification increasing

Professional retraining

Studing and knowledge testing

Seminars and forums in the field of certification, quality, industrial safety, labor protection, etc.

Support department services

Hotel classification

Rospotrebnadzor State Registration Certificate

Expert opinion for compliance with the Uniform Requirements №299

Certification and declaration of conformity of communication facilities in the Ministry of Communications

Development of a safety data sheet for chemicals

Hotel classification

Ministry of Industry and Trade License

Technical documentation

Technical conditions

Manual

Equipment passport

Safety rationale

Ignition risk assessment

Strength calculation

Justification of the safety of the attraction

Playground passport

Installation instructions

CLIENTS

SIEMENS

ABB

Schneider
Electric

EMERSON

ГАЗПРОМ

OYSHO

PORSCHE

Continental

ZARA

LOUIS VUITTON

X5RETAILGROUP

Nestlé

PULL&BEAR

KIA

SAMSUNG

Makita

LEDVANCE

BauTex

IKEA

LEROY MERLIN

StanleyBlack&Decker

HITACHI

HYUNDAI

ABInBev

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