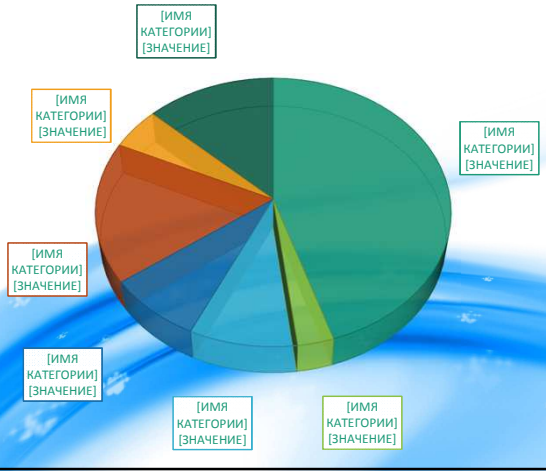
National Lift Union

We are together!

«Legislation of the Russian Federation about Technical Regulation and Lift Safety (ENGL)»

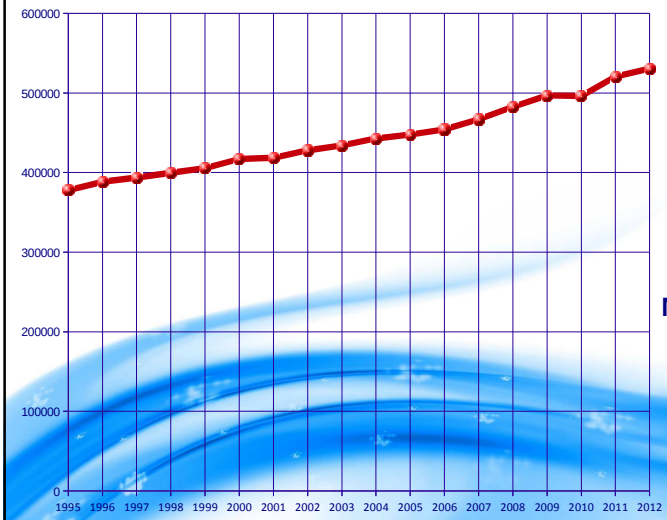
Aleksey Zakharov

Lifts Zonation at the territory of the Russian Federation



The main part of lifts are located in the European part of Russia, Moscow and the Moscow region.

Tendency of changing of total lifts in the Russian Federation from 1995 to 2012



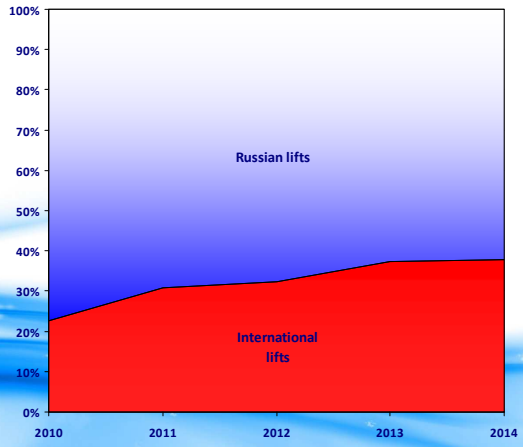
Now there are more than 530.000 operating lifts at the territory of the Russian Federation.

More than 27% of lifts are overage their resource and need replacement.

30 000 lifts put into service in Russia every year

The main part of new lifts are Russian lifts.

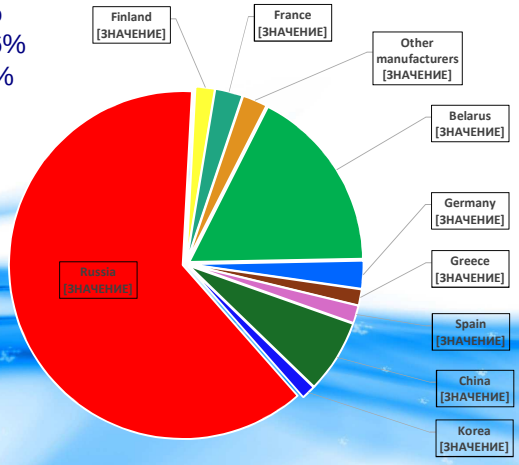
In comparison with 2010 the share of domestic elevators decreased by 15%



Lift manufacturers

Russian manufacturers – 62,3%

The main lift exporters are:
Republic of Belarus – 17,19%
China manufacturers - 6,83%
Germany manufacturers – 2,6%
French manufacturers – 2,57%



For gathering information and control in the lift industry, National Lift Union established the Analytics & Statistics Committee and Common Lift analytic database (ELIAS).

ELIAS contains all information about:

- lifts into service,
- lift manufacturers,
- installation companies,
- lift-inporting countries,
- lift distribution by geographic regions,
- freight and passenger lifts,
- accidents.

All information is available on the website:

WWW.LIFTSTAT.RU.

Provides all life cycle of lift – from production till utilization

Non-commercial self-regulatory partnership «Russian Lift Association», unites and supports national manufacturers of lifts and lifts components. There are 44 organizations now.
Phone: +7 (495) 380-39-78, 969-25-52.
www.rlolift.ru

Non-commercial partnership «Self-regulatory organization «Inter-Regional Association of lift organizations» - regulates the market of installation, start-up and commissioning of lifts equipments and computer-aided dispatch systems. There are 340 organizations now.
Phone: +7 (495) 620-58-33, 620-58-34.
www.npmolo.ru

Association of business cooperation «Self-regulatory organization «Liftservice» - regulates the market of service, repair and modernization of lifts. There are 252 organizations now.
Phone: +7 (495) 620-59-02, 463-04-81.
www.adslift.ru

Self-regulatory organization «Inter-Regional Association of Conformity assessment organizations «Rusexpertlift» - works in conformity assessment of industrial safety of lifting devices. There are more than 120 organizations now.
Phone: +7 (495) 965-53-10.
www.relift.ru

All-Russian Industrial Association of employers of elevator complex (FLP). The activity of the FLP is focused in three main areas: the development of elevator complex, protection of lift companies, professional education of workers the lift industry.
Phone: +7 (499) 748-15-38.
www.liftfederation.ru

Non-commercial partnership «Associations of project entities «Academic Project Center» (NP «APC») – founded under the auspices of the Russian Academy of Architecture & Construction Sciences and unites organizations performing activities related to architectural, construction, production and scientific design, including design of lift systems.
Phone: +7 (499) 739-29-67, +7 (495) 932-76-70.
www.npapc.ru

Non-commercial partnership «National committee of assistance to development of the mechanized parkings» (NP «NK SRMP») – provides assistance in the development of enterprises acting on the market of mechanized parkings and creates conditions for the introduction of mechanized parkings at various facilities in the Russian Federation.
Phone: +7 (499) 753-92-00.
www.nkparking.ru

National Union of Self-regulatory Organizations on the industrial safety. Coordinates business activity of self-regulatory organizations on carrying out examination of industrial safety. Unites 14 organizations, 650 commercial entity from 64 regions of Russia.
Phone: +7 (495) 500-51-98.
www.nuisso.com

Non-profit partnership «Self-regulatory organization «Interregional Association of lift producers» (NP SRO MOLP). Unites more than 30 Russian and foreign producers of lifts and lift components which go by innovations and modernization way in production of lifts and lift components.
Phone: +7 (495) 544-42-59, +7 (499) 946-34-04.
www.liftros.ru

NLU, THE NATIONAL LIFT UNION is the largest non-profit, non-state association which represents more than 1500 organizations from 66 regions of the Russian Federation.

With its very wide representation, NLU is the main communication vector of the lift industry to Government institutions, bodies of legislative and executive power and a range of other organizations.

THE OBJECTIVES OF NLU

- To participate in all dialogues with and to represent its members vis-à-vis public or private, national and international organizations dealing, directly or indirectly, with issues related to lift industry.
- To participate in the formulation of codes, standards, regulations, instructions or other notifications, regarding lifts, escalators and moving walks, together with national organizations, and to supervise the implementation thereof.
- To collect and update information, to set up databases and to publish statistics on equipment and services related to lifts, freight lifts, escalators, moving walks, associated systems and there components.
- To develop a durable link between its members, the users of equipment and services related to lifts, escalators and moving walks.
- To identify the needs and interests of its members and to inform them of legislative and political developments.
- To organize international exhibitions and seminars.

Technical Regulations of the Customs Union

«On safety of machines and equipment»

TP TC 010/2011

Now the Customs Union and the Common free market zone consist of the Russian Federation, the Republic of Belarus, the Republic of Kazakhstan with an ability of other countries joining.

Changes in the Decision of the Customs Union Commission dated 18 October 2011 № 823 "On approval of the technical regulation of the Customs Union "On safety of machines and equipment":

On a voluntary basis:

- GOST R 53387-2009 (ISO/TC 14798:2006) "Elevators, escalators and passenger conveyors. Methodology of analysis and risk reduction";
- GOST R 54765-2011 (EN 115-1:2010) "Escalators and passenger conveyors. Security requirements to the device and install".

Now the Customs Union and the Common free market zone consist of the Russian Federation, the Republic of Belarus, the Republic of Kazakhstan with an ability of other countries joining.

The list of standards containing rules and methods of researches necessary for application and execution of requirements of technical regulations of the Customs Union "On safety of machines and equipment" (TR TC 010/2011):

- GOST R 55640-2013 "Escalators and passenger conveyors. The rules and methods of researches (tests) and measurements. The rules of sampling".

Technical Regulations of the Customs Union

«Lift safety»

TP TC 011/2011

Now the Customs Union and the Common free market zone consist of the Russian Federation, the Republic of Belarus, the Republic of Kazakhstan with an ability of other countries joining.

18 October, 2011 the Commission of the Customs Union with a Conclusion №824 confirmed:

1. The Technical Regulations of the Customs Union “Lift safety” TP TC 011/2011having been taken into effect on 15 February, 2013.

2. Two lists of interrelated standards:
   - Procedure of the compliance assessment (confirmation).
   - Applied on a voluntary basis (construction).

The Technical Regulations of the Customs Union “Lift safety” TP TC 011/2011 shall establish safety requirements

- GENERAL and SPECIAL REQUIREMENTS (Annex 1)
- ENERGETIC EFFECTIVENESS REQUIREMENTS
- REQUIREMENTS PRIOR TO THE PUTTING INTO ACTION
- REQUIREMENTS IN THE PERIOD OF LIFE DURABILITY
- DISPOSAL REQUIREMENTS

The mark of circulation in the market

Single mark of production circulation in the market of states-members of the Customs Union shall be marked in any way providing clear and accurate drawing while the whole lift life durability.

The Technical Regulations of the Customs Union "Lift safety" TP TC 011/2011 shall establish the transitional period:

Lift and lift safety devices compliance certificates issued prior to the taking the present Technical Regulations into effect by accredited authorities for certification of the states-members of the Customs Union shall be valid in the territory of the state-member of the Customs Union, in which they were issued, prior to the end of the expiration date designated in the certificate but not later than 15 March, 2015.

Standards in 2014

National standards:

- GOST R 55963-2014 "Lifts. Dispatch control. General technical requirements" (appr. by order of the Federal Agency for technical regulation and Metrology dated March 6, 2014 № 92-st);
- GOST R 55964-2014 "Lifts. General safety requirements when operating" (appr. by order of the Federal Agency for technical regulation and Metrology dated March 6, 2014 № 93-st);
- GOST R 55965-2014 "Lifts. General requirements for the upgrading of operating elevators" (appr. by order of the Federal Agency for technical regulation and Metrology dated March 6, 2014 г. N 94-st);
- GOST R 55966 - 2014 (CEN/TS 81-76:2011) "Lifts. Special safety requirements for lifts used to evacuate disabled people and other people with limited mobility" (appr. by order of the Federal Agency for technical regulation and Metrology dated March 6, 2014 г. N 95-st);

Standards in 2014

- GOST R 55967-2014 (EN 81-21:2009) "Lifts. Special safety requirements for the installation of new lifts in existing buildings" (appr. by order of the Federal Agency for technical regulation and Metrology dated March 6, 2014 г. N 96-st);
- GOST R 55968-2014 (EN 115-2:2010) "Escalators and passenger conveyors. Increasing the safety in operation of escalators and passenger conveyors" (appr. by order of the Federal Agency for technical regulation and Metrology dated March 6, 2014 г. N 97-st);
- GOST R 55969-2014 "Lifts. The commissioning. General requirements" (appr. by order of the Federal Agency for technical regulation and Metrology dated March 6, 2014 г. N 98-st);
- GOST R 56179-2014 (EN 81-77:2013) "Lifts. Special safety requirements for seismic loads", the date of implementation on 1 July, 2015". (appr. by order of the Federal Agency for technical regulation and Metrology dated October 21, 2014 г. N 1360-st).

Standards in 2015

National standards:

- GOST R 56420.1-2015 (ISO 25745-1:2015) «Elevators, escalators and passenger conveyors. Energy characteristics. Part 1. Measurement and verification»;
- GOST R 56420.2-2015 (ISO 25745-2:2015) «Elevators, escalators and passenger conveyors. Energy characteristics. Part 2. Calculation of energy consumption and the energy efficiency classification of elevators»;
- GOST R 56420.3-2015 (ISO 25745-3:2015) "Elevators, escalators and passenger conveyors. Energy characteristics. Part 3. The calculation and classification of the energy efficiency of escalators and passenger conveyors", (approved. by order of the Federal Agency for technical regulation and Metrology dated June 5, 2015 N 562-st), date of enforcement - 1 January 2016 (instead GOST R 54764-2011).

Program of standardization on 2015-2016

- On stage of approval – 5 national standards;
- On stage of development project of national standard – 1 standard;
- On stage of development final version of projects interstate standards – 5 standards;
- On stage of development first version of interstate standards – 3 standards.

The state control over the compliance of the Technical regulations of the Customs Union

Rosstandart

an initial phase

Rostechnadzor

maintenance phase

National Lift Union
invites you to take part in the
International Lift Exhibition
in 2017!

National Lift Union

We are together!

Thank you for attention!

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