

Decision № 175 of the Cabinet of Ministers of the Republic of Azerbaijan on approval of Rules of certification of telecommunication equipment and devices in the Republic of Azerbaijan

Baku city, 21 August, 1998

Cabinet of Ministers of the Republic of Azerbaijan decides in accordance with the Article 3 of the Decree No. 624, dated 25 July, 1997 of the President of the Republic of Azerbaijan “on approval of the Law of the Republic of Azerbaijan “About Communications”:

To approve the “Rules of Certification of Telecommunication Equipment and Devices in the Republic of Azerbaijan” (attached).

Prime Minister of the Republic of Azerbaijan
A.Rasi-zadeh

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As amended by the decisions № 27 dated 10 March 2004; №135 dated 21 September 2004; № 131 dated 7 July 2005; № 184 dated 11 October 2005; № 184 dated 14 December 2005; № 226 dated 13 September 2006; № 207 dated 28 December 2006; № 278 dated 16 January 2007; №5 dated 1 October 2007, № 153 dated 21 January 2009 and №12

Approved by the Decision of
the Cabinet of Ministers of
the Republic of Azerbaijan
№ 175 dated 21 August 1998.

Rules of certification of telecommunication equipment and devices in the Republic of Azerbaijan
(AZ 031.01.)

1. Field of application

These rules have been developed in accordance with the laws of the Republic of Azerbaijan “About Protection of Consumers’ Rights” and “About Telecommunications” and also Decision of the Cabinet of Ministers of the Republic of Azerbaijan No. 343, dated 1 July, 1993 “About Application of Phased Certification of the Products (affairs, services)”, as well as on the basis of guidelines of the national certification system (AZC system).

The document defines certification rules and procedures of telecommunication equipment and devices in the Republic of Azerbaijan.

These rules are not related to the telecommunication equipment and devices, which were exploited and repaired previously.

2. Purposes and tasks of certification of telecommunication equipment and devices

Main tasks of certification of telecommunication equipment and devices is defining the fact of creation and maintenance of market of telecommunication devices and compliance of technical parameters of telecommunication equipment and devices with the requirements of interconnection telecommunication networks and demands of national, international, inter-state and other normative documents.

Main purposes of certification of telecommunication equipment and devices are:

- Creation of necessary opportunities for activities of enterprises and organizations in the unified commodity market;
- Determination of technical level of telecommunication equipment and devices for use in Interconnection Telecommunication Networks;
- Rendering assistance to customers in purchase of quality goods;
- Protect customers from producers making goods of low-quality;
- Increasing technical level and quality performance of telecommunication equipment and devices (including electromagnetic coordination) to customers' demands;
- Creation conditions for robust competition in domestic market;
- Creation of conditions for use of advanced technologies.

3. Definitions

The following notions, terms and their definitions corresponding to ISO MEK 2 Guidelines, ISO 8402-86 international standards and telecommunication terms shall be applied in the present document:

- **compliance certification** – action of the third party who confidently proves compliance of duly unified products with the requirements of concrete standard or another normative document;
- **mandatory certification** – confirmation of the compliance of products with mandatory requirements of normative documents by the competent authority;
- **voluntary certification** – certification carried out on voluntary basis at the initiative of manufacturer (executor, seller, supplier), consumer of the product (consumer societies and unions) as well as state authorities (hereinafter referred to as customers);
- **normative document** – standard, sanitary norms and regulations or other document reflecting the requirements to products and services as well as methods of assessment of their quality;
- **international standard** – standard adopted by the international organization for standardization and which is available for use of wide range of consumers;
- **national standard** – standard adopted by the national organization for standardization and which is available for use of wide range of consumers;
- **quality system** - aggregate of organizational structure, liability, procedures and resources ensuring exercise of general management of the quality;
- **compliance information** – application of the responsible supplier on compliance of products, work or services with concrete standard or service or another normative document;

- **certification system** – system provided with specific management methods and regulations for carrying out certification of compliance;
- **certification system** – certification system with the special methods and management rules;
- **certification system of similar products** – certification system of the concrete product for which identical concrete standards, rules and procedures are applied;
- **certification authority** – authority performing certification of compliance;
- **certificate of compliance** – document issued in accordance with certification system regulations testifying on provision of necessary confidence that duly unified products, work or services comply with concrete standard or another normative documents;
- **compliance mark** – mark which is issued and applied in accordance with certification system regulations and protected as provided for in sphere of certification and which testifies on provision of necessary confidence that such products, work or services comply with concrete standard or another normative documents;
- **member of certification system** – certification authority which operates in accordance with that system regulations and has the opportunity to participate in management of that system;
- **accreditation** – official recognition of powers to perform any certification activity;
- **accredited testing laboratories** – testing laboratories having officially recognized powers to perform the testing of concrete types of products (work, services) or to conduct concrete types of tests;
- **safety** – absence of inadmissible risk which may cause damage;
- **protection of the environment** – protection of the environment from negative effects of products, work and services;
- **production attestation** – official confirmation of existence of necessary conditions providing stable performance of requirements of normative documents for production of products (rendering the services) tested in the course of performance of certification by the certification authority or another authority provided with specific powers;
- **inspection supervision** – supervision over the activity of authorities accredited for performance of certification, over the activity of testing laboratories as well as certificated products and their production;
- **customer** – enterprises, organizations and citizen which or who addressed to the certification authorities with the order to perform certification of products of concrete type (grade);
- **expert-auditor** – person who passed the attestation and acquired the right to perform one or several types of work in the sphere of certification;
- **certification scheme** – composition and consistence of actions of third party exercised in the course of performance of compliance certification.
- **certificate of conformity of telecommunication devices** – document confirming conformance of telecommunication devices applied in the interconnection telecommunication networks with the technical requirements and their use without any defect;
- **compliance mark of telecommunication devices** – the mark granted or applied according to the certification rules of telecommunication devices and indicates certification of the product, as well as conformance of the product with the concrete standard or normative documents.

4. General Provisions

4.1. Object of the mandatory certification is telecommunication equipment and devices, considered to be realized and used in the territory of the Republic of Azerbaijan under legislation.

List of the telecommunication equipment and devices of which mandatory certification is considered to be provided, is enclosed. The given list may be amended and supplemented.

4.2. Mandatory certification of telecommunication equipment and devices is implemented in accordance with the normative documents and mandatory requirements providing safety of people's life and health, the environment and safety of the interconnected telecommunication networks as well.

4.3. Voluntary certification is carried out on the initiative of the customer only for the export of telecommunication equipment and devices according to the requirements of the normative documents.

4.4. Certification of telecommunication equipment and devices is carried out according to the national, international, interstate normative documents and mandatory requirements of the executive authorities in the Republic of Azerbaijan as well.

4.5. Certification of telecommunication equipment and devices is carried out in accordance with the scheme, indicated in the article 7 of these Regulations.

4.6. In case of any changes in the scheme, construction and technology of the certified product, the certification tests are repeated in a duly volume.

4.7. Certification work and expenses made for the telecommunication equipment and devices are paid by the customer.

4.8. Number of the samples of telecommunication equipment and devices allocated for testing is defined through the program and method of certification tests.

4.9. Testing of the samples is carried out according to the conformance of the accredited testing laboratories to the accreditation area.

4.10. Certificate of compliance for the positive result of the certification process and compliance marking right of telecommunication equipment and devices confirms conformance of the product to the requirements of telecommunication equipment and devices in the Republic of Azerbaijan.

4.11. The process of certification covers the following procedures:

- Submission and review of applications;
- Decision according to the application;
- Preparation of financial documents for certification of the product, manufacturing and quality system;
- Testing of the certified product;
- Review of decisions on results of certification by the concerned parties;
- Granting (or non-granting) certificate of compliance and decision about right on use of compliance mark;
- Preparation and registration of certificate of compliance;
- Registration of certificate of compliance;
- Information about results of certification;
- Inspection supervision over quality system of the certified product and manufacturing.

4.12. Telecommunication equipment and devices imported and manufactured in the territory of the Republic of Azerbaijan should be passed certification stages and rules.

4.13. Recognition of foreign certificates is carried out according to the RS 008-94 requirements. In this concern opinion of the Ministry of Communications and Information Technologies should be taken into consideration.

4.14. Delivery of telecommunication equipment and devices to the customs territory of the Republic of Azerbaijan, which have no any certificate of compliance and imported without any recognition in the certification system, is not allowed and sale and exploitation of these telecommunication equipment and devices is prohibited.

5. Structure of certification system of telecommunication equipment and devices

5.1. Structure of certification system of telecommunication equipment and devices of the Republic of Azerbaijan consists of the following:

- Local authority for certification – State Committee for Standardization, Metrology and Patent of the Republic of Azerbaijan;
- Ministry of Communications and Information Technologies of the Republic of Azerbaijan;
- Certification Centre of Telecommunication Equipment and Devices (CTED) of the Ministry of Communications and Information Technologies of the Republic of Azerbaijan;
- Accredited testing laboratories.

Certification scheme and organizational structure of telecommunication equipment and devices

5.2. Local authority for certification, – State Committee for Standardization, Metrology <http://www.mintest-russia.com/>and Patent of the Republic of Azerbaijan performs the following functions:

- General supervision over the process of certification in the system of telecommunication equipment and devices;
- Accreditation of testing laboratories;
- Receipt and review of applications submitted for receiving certificate according to the safety indicators;
- Conclusion of agreement for certification of the product according to the safety indicators;
- Selection of certification schemes, defining accredited laboratories and preparation of decision to provide certification;
- Selection of samples for certification and forwarding for testing;
- Analysis of testing result and the result, submitted by the CTED, registration of certificate of compliance in the State Committee for Standardization, Metrology and Patent of the Republic of Azerbaijan, granting a certificate of compliance and the right of application of AZS National compliance mark;
- Inspection supervision over manufacturing of certified telecommunication equipment and devices;
- Inspection supervision over accredited testing laboratories and the work of CTED;

- Recognition of certificates of foreign countries.

5.3. Ministry of Communications and Information Technologies of the Republic of Azerbaijan performs the following functions in the field of certification:

- Organization and management of certification of telecommunication equipment and devices in the Republic of Azerbaijan;
- Establishing technical requirements for the telecommunication equipment and devices manufactured and used in the territory of the Republic of Azerbaijan;
- Receipt and review of applications for certification of technical parameters of telecommunication equipment and devices and their conformance to the requirements of Interconnection Telecommunication Networks;
- Preparation of instructions for certification of telecommunication equipment and devices;
- Issue of certificate of conformity of the telecommunication equipment and devices;
- Granting marking right and certification mark of the telecommunication equipment and devices;
- Mutual relationship with the State Committee for Standardization, Metrology and Patent of the Republic of Azerbaijan in the field of certification issues;
- Review of appeals of applicants regarding issues of certification;
- Confirmation of rules of inspection supervision for operation of the telecommunication equipment and devices;
- Control over observation of rules of certification and inspection supervision of the telecommunication equipment and devices;
- Working out of certificate of conformity of the telecommunication equipment and devices;
- Review for recognition of foreign countries' certificates.

5.4. Center of Telecommunication Equipment and Devices implements the following functions:

- Organization of arrangements for certification of the telecommunication equipment and devices;
- Realization of mandatory certification system of the telecommunication equipment and devices;
- Conclusion of agreements and contracts for conducting certification arrangements;
- Providing implementation of decisions of State Committee for Standardization, Metrology and Patent and the instructions of the Ministry of Communications and Information Technologies of the Republic of Azerbaijan;
- Development of the program and methodology of certification of the telecommunication equipment and devices;
- Organization of testing procedures of the telecommunication equipment and devices at the accredited testing laboratories;
- Selection of samples for certification and delivery of them to the accredited testing laboratories;
- Analysis of the testing results of the telecommunication equipment and devices and preparing a review on the basis of the results;
- Preparation of certificate of compliance of the the telecommunication equipment and devices;
- Issue of license for the right of application of certificate mark of the telecommunication equipment and devices;

- Conducting internal registration of the certified telecommunication equipment and devices;
- Conducting inspection supervision over the certified telecommunication equipment and devices in the process of maintenance;
- Temporary cease of function of certificate of compliance or submission of materials about elimination of the function to the appeal commission;
- Preparation and update of the technical and administrative documents of the certification system of the telecommunication equipment and devices;
- Preparation of documents (guidelines) defining rules of certification of telecommunication equipment and devices;
- Preparation and confirmation of the programs and methods of certification tests and inspection supervision;
- Organization of mutual arrangements with the State Committee for Standardization, Metrology and Patent of the Republic of Azerbaijan in the field of certification and accreditation;
- Establishment of mutual contacts with the relevant authorities of other countries in the field of certification;
- Dissemination of information about results of certification of the telecommunication equipment and devices;
- Providing necessary information for the customers within the framework of their powers to meet their demands;
- Formation and actualization of the fund of normative documents used in certification of similar products;
- Establishment of the fund of administrative methodical documents of the certification system;
- Participation in preparing administrative arrangements according to the inspection supervision;
- Taking operational measures against information about violation of technical requirements of certified products;
- Organization of mutual relations with the businesses and companies for certification of the telecommunication equipment and devices during change of technical requirements and standards;
- Professional development and attestation of the technical staff;
- Preparation of references (reports) according to the requirements of State Committee for Standardization, Metrology and Patent and the Ministry of Communications and Information Technologies of the Republic of Azerbaijan;
- Center of certification of the telecommunication equipment and devices takes responsibility for the correctness of granting a certificate of compliance of the telecommunication equipment and devices.

5.5. Accredited testing laboratories (ATL) implement their functions according to the requirements of the RS 004-93 “Testing laboratories (centers) and the rules of accreditation” of AZC system. Main functions of ATLs are as follows:

- Receipt and registration of the samples of means of communication for testing;
- Certification testing of the telecommunication equipment and devices and submission of testing protocol within the framework of their functions;
- Drawing up the act on return and deletion of the tested samples;
- Constantly keeping conformity of the AZS system of testing laboratory to the RS 004-93 requirements;

- Providing correctness, objectivity and required accuracy of the testing results;
- Registration of all complaints according to the testing results;

- Improvement and application of new methods and types of control.

6. Rules of certification of telecommunication equipment and devices

6.1. Consistency and stages of certification of the telecommunication equipment and devices are indicated in the Picture 1:

- 1- submission of application for certification of the telecommunication equipment and devices to the State Committee for Standardization, Metrology and Patent according to the safety and ecological indicators and to the Ministry of Communications and Information Technologies of the Republic of Azerbaijan for the conformity to the technical requirements of the Interconnected Telecommunication Networks;
- 2 – adopting a decision, defining the certification scheme and ATLs, selection of samples and delivery of them to the Center of certification of the telecommunication equipment and devices (if necessary, ATL of the Ministry of Health, Ministry of Emergency Situations) for testing;
- 3 – defining the volume of program and testing and delivery of them to the ATL by the Center of certification of the telecommunication equipment and devices together with the samples for certification;
- 4 – registration of submitted samples, defining the identification of these samples, testing procedures by the Center of certification of the telecommunication equipment and devices, drawing up testing protocol and its submission to the Center of certification of the telecommunication equipment and devices;
- 5 – review of testing results and presenting a decision to the State Committee for Standardization, Metrology and Patent and management of the Ministry of Communications and Information Technologies of the Republic of Azerbaijan. In the event that testing results are positive, a document is prepared which enables to be entitled for application of certificate of compliance and certification mark by the Center of certification of the telecommunication equipment and devices and submitted to the management of the Ministry of Communications and Information Technologies for signing and registration is implemented.
- 6 - Signing and preparing a document of right on permission for application of certificate and Mark of the Center of certification of the telecommunication equipment and devices by the legal entity of the Ministry of Communications and Information Technologies and submission of this document to the Customer. Copy of the certificate is simultaneously sent to the State Committee for Standardization, Metrology and Patent.
- 7 – Adoption of decision on review of testing results, granting (or non-granting) certificate of compliance of AZS system. Herewith availability of certificate of compliance issued by the Ministry of Communications and Information Technologies is considered to be the main condition. In the event that certificate of compliance of the telecommunication equipment and devices is not granted, certificate of compliance of AZS system is not provided.

- 8 – Conducting inspection supervision by the State Committee for Standardization, Metrology and Patent in the process of manufacturing of certified telecommunication equipment and devices.
- 9 - Conducting inspection supervision by the Ministry of Communications and Information Technologies in the process of exploitation of certified telecommunication equipment and devices.

7. Certification scheme of the telecommunication equipment and devices

5 certification schemes out of 12 schemes are used in the certification system of the certified telecommunication equipment and devices, as considered in the main documents of AZS system.

The 3rd, 4th and 5th schemes are applied during certification of mass-produced means of communications by the manufacturer. 3rd and 4th schemes are applied in the process of testing of turn-key product samples at the accredited testing laboratories.

Supervision for the 3rd scheme is carried out through testing of the samples taken out of production, but for the 4th scheme – through testing of the samples taken out of production and trade turnover.

If the manufacturer is provided with the production quality system or the certificate of production, then certification is carried out according to the 5th scheme. The said certificate is reviewed together with the testing protocol of the accredited laboratory. In this case certified quality system of production is carried out through verification.

The 11th scheme is applied during testing of the samples selected among the telecommunication equipment and devices, submitted for certification. Inspection supervision is not provided over certified party of the product.

The 12th scheme is considered for certification of each copy. This scheme is considered to be used in certification of the telecommunication equipment and devices and particular requirements are set in connection with receipt of devices. Inspection supervision is provided for these products in all periods of exploitation.

7.2. Period of certificate of compliance for the certified products according to the 3rd, 4th, 11th, 12th schemes should not exceed one-year period and for the certified products of the 5th scheme – 2 year period.

7.3. Period of certificate of compliance of the telecommunication equipment and devices is defined during certification of concrete product.

7.4. Certification procedure is repeated upon completion of certificate period.

8. Normative-technical documents

8.1. The following documents are used in certification system of the telecommunication equipment and devices:

8.1.1. Main documents AZS system, as well as:

- RS 001-93 – “Main rules”;
- RS 002-93 – “Requirements for the certification authority and the rule of accreditation”;
- RS 003-93 – “Certification system of the similar products”;
- RS 004-93 – “Requirements for the testing laboratories (centres) and the rule of accreditation”;
- RS 005-93 – “Rules of the system’s state registration”;

- RS 008-94 – “Rules of recognition of certification and accreditation objects”;
- RS 009-94 – “Rules of selection of samples for certification and inspection supervision”;
- RS 010-94 – “Rules of inspection supervision over certified products”.

8.1.2. National, international, interstate and field standards which define technical specifications for the telecommunication equipment and devices.

8.1.3. Testing programs and methods.

8.1.4. AZS 004-93 “National Mark of compliance: form, measures and technical specifications”.

8.1.5. Guidelines No. 15.001.98 about rules of filling certificate of compliance of AZS system.

8.1.6. Guidelines No. 15.002.98 about single form of the certificate of compliance adopted by the Interstate Council for Standardization, Metrology and Certification.

8.1.7. Requirements for the telecommunication equipment and devices used in the Republic of Azerbaijan.

In terms of improvement of the system, the Ministry of Communications and Information Technologies and the State Committee for Standardization, Metrology and Patent of the Republic of Azerbaijan may make amendments in these Rules on the basis of mutual agreement in accordance with the legislative acts.

9. Rule of Appeal

In case that, parties do not agree with the results of certification testing they can appeal to the Certificate Commission of the Ministry of Communications and Information Technologies of the Republic of Azerbaijan and if they don't agree with the decision of the Commission, they may appeal to the court.

Certification Commission reviews the appeal within a month by involving interested parties and notifies the concerned party about the decision adopted.

Considering the experience gained in the field of certification or accepting additional legal and normative materials these Rules can be amended.

10. Rules on use of certificates of the equipment received by the manufacturer company or the seller (distributor, dealer), who sells communication equipment in the markets of the Republic of Azerbaijan

Certificate is a personal document. This document states information about the owner of certificate (manufacturer of the equipment or vendor).

Legal person, to whom the certificate is issued, is liable for the quality of the product he manufactured or sold and in case of any complaint in connection with the quality of the telecommunication equipment and devices, Ministry of Communications and Information

Technologies can raise an issue on elimination of certificate or setting no additional time for validity of certificate.

Sellers are not entitled to be engaged in realization of the equipment in the markets of the “sellers (businesses) who use the other certificate” in Azerbaijan without agreement of the owner of certificate.

The restriction of period of validity of the certificate is not related to the equipment, purchased during effective date of the certificate. i.e., such equipment can be used during all service period without any demand on prolongation of the certificate period.

Annex to the “Rules of Certification of the telecommunication equipment and devices in the Republic of Azerbaijan” approved by the Decision No. 175 of the Cabinet of Ministers of the Republic of Azerbaijan dated 21 August, 1998

**List of
telecommunication equipment <http://www.mintest-russia.com/> and devices used in
telecommunication networks of common use whose mandatory certification will be
conducted in the
Republic of Azerbaijan**

1. Telecommunication equipment and devices which implement the function of switching system

- 1.1. Transit, destination and destination transit node equipment
 - 1.1.1. International telephone exchanges
 - 1.1.2. International switching centres
 - 1.1.3. Long-distance telephone exchanges
 - 1.1.4. Long-distance transit automatic switching node
 - 1.1.5. Combined exchanges
 - 1.1.6. Rural automatic telephone exchanges
 - 1.1.7. Urban automatic telephone exchanges
- 1.2. Equipment with subscriber facilities
 - 1.2.1. Digital subscriber concentrators
 - 1.2.2. Office-production automatic telephone exchanges
- 1.3. Equipment enabling interzone, long-distance and international telephone communication service through telephone-operator
- 1.4. Node of emergency operative and inquiry office calls
- 1.5. Equipment of call service centres
- 1.6. Switching and routing equipment of the information package
- 1.7. Flexible switchings
- 1.8. Telegraph exchanges
 - 1.8.1. Telegraph exchanges or semi-exchanges
 - 1.8.2. Telegraph information switching systems
- 1.9. Switching equipment of the mobile radio-telephone communication system
- 1.10. Switching equipment of the system with subscriber facilities

2. Telecommunication equipment and devices which implement the function of digital carrier system

- 2.1. Digital transmission systems with synchronous digit hierarchy

- 2.2. Analogue transmission system and digital transmission systems with the physical channels, tracts
- 2.3. Digital transmission systems with plesiochronous digit hierarchy
 - 2.3.1. Channeling equipment with plesiochronous digit hierarchy
 - 2.3.2. Trunking equipment of plesiochronous digit hierarchy time
 - 2.3.3. Intermediate and destination points of plesiochronous digit hierarchy tract
 - 2.3.4. Cross swithching equipment with plesiochronous digit hierarchy
- 2.4. Receiver-transmission devices for the fiber-optic and atmospheric fiber line transmission
- 2.5. Synchronous equipment for transmission of information
- 2.6. Digital TV and voice broadcasting systems
- 2.7. Tact network synchronization equipment

3. Management system and telecommunication equipment and devices implementing functions of monitoring

- 3.1. Automated management system and monitoring equipment of telecommunication networks
- 3.2. Management and monitoring equipment of radio-relay telecommunication system

4. Equipment used for registration of servces rendered in the telecommunication networks of common use

- 4.1. Equipment for registration of duration of connection
- 4.2. Automated calculation system

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5. Radio electronic telecommunication equipment and devices

- 5.1. Terrestrial stations of broadcasting and satellite network of local, interzone and backbone network of the single telecommunication network of the Republic of Azerbaijan
- 5.2. Radio-relay communication systems
 - 5.2.1. Analogue-digital radio-relay communication system
 - 5.2.2. Digital radio-relay systems with synchronous digit hierarchy
 - 5.2.3. Radio-relay communication systems with plesiochronous digit hierarchy
 - 5.2.4. Analogue radio-relaycommunication system
- 5.3. Base stations and retransmitters of the cellular radiotelephone communication system
- 5.4. Base stations and retransmitters of the subscriber radio facility system
- 5.5. Radio broadcasting systems
- 5.6. TV broadcasting systems
- 5.7. Radio facilities equipment, excluding the equipment which has no access to the telecommunication network of common use and that considered for the access to the technological or isolated telecommunication network

6. Telecommunication equipment and software which provide implementation of certain measures of operational-search activities

- 6.1. The equipment and software which provide implementation of certain measures of operational-search activities and operate together with swiching systems
- 6.2. The equipment and software which provide implementation of certain measures of operational-search activities and operate together with digital carrier systems

6.3. The equipment and software which provide implementation of certain measures of operational-search activities and operate together with telematics service systems.

7. End cable equipment, end telecommunication equipment, telecommunication cables and conductors, electrical feeding equipment of the telecommunication network of common use

7.1. End cable equipment

7.1.1. Distributing devices

7.1.2. Boxes

7.1.3. Cable boxes

7.1.4. Containers

7.1.5. Subscriber protection devices

7.1.6. Crosses (optical and electrical)

7.1.7. Plinths, optic trailers

7.1.8. Cable boxes, connectors (optical and electrical)

7.1.9. Protection devices for surge in currents in the cable and crosses

7.1.10. Compressor-signal devices

7.2. End telecommunication devices

7.2.1. Telephone devices of different complexity, as well as mobile telephone devices

7.2.2. Fax machines and computers to operate in the telecommunication network of common use

7.2.3. Pay-phones

7.2.4. Additional devices for the end telecommunication equipment

7.3. Telecommunication cables and conductors

7.3.1. Optical telecommunication cables

7.3.2. High-frequency symmetric telecommunication cables

7.3.3. Coaxial telecommunication cables

7.3.4. Metal cables for urban and rural telecommunication network

7.3.5. Telecommunication conductors

7.4. Electrical feeding equipment

7.4.1. Fixed accumulators for the telecommunication institutions

7.4.2. Electrical feeding devices and the equipment of which they comprise.