



ORGANIZATION OF TECHNICAL SUPPORT FOR MEDICAL EQUIPMENT AND ITS RULES

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Abstract:

The article provides information about the complex of works carried out on the basis of the contract concluded between the medical facilities and the service providers. In the contract, the rights and responsibilities of the parties, as well as the price and calculation procedures for the specified technical service are given.

Keywords:

Technical maintenance of medical equipment is carried out on the basis of a contract between treatment facilities and service providers. The contract determines the rights, responsibilities of the parties, and the cost and calculation procedures for the specified technical service.

The contract can be temporary or indefinite. A fixed-term contract is more convenient from the legal point of view than an indefinite one. If one of the parties is dissatisfied with this, the contract will not be extended. It can be extended if the parties agree.

The purpose of the work: to organize technical support for medical equipment and study the rules of its procedure.

Repair of complex medical equipment is usually not included in the technical service contract complex. Complex (capital or average repair) repairs are performed according to separate contracts and acts. In order to coordinate the bilateral cooperation between the customer and service providers, which are considered treatment facilities, the following documents should be available:

- contract for technical service of medical equipment products, installation of medical equipment products, dismantling and repair of medical equipment products;
- act on completed work, reports, act of completed work;
- journal of maintaining a technical service complex;
- graph of technical service complex;
- passport of medical equipment products;
- notification of defects;
- technical service group cards;
- an act of checking the technical condition of technical service;
- inspection certificates;
- instructions for using technical service;
- instructions for technical service of medical equipment products.

In addition to these documents, there should also be general documents necessary for relations between treatment facilities and service providers, which include:

- rules, including the methodical recommendation "Maintenance of medical technology";
- state standards;
- methodological manuals;
- health orders;

The requirements that must be taken into account for production purposes are established by normative documents based on the order of the Minister of Labor and Social Protection of the Republic of Uzbekistan.

Organization of technical support for medical equipment and its rules.

The types, volume and periodicity of technical maintenance of medical equipment, their organization, terms of use of medical equipment, current regulatory and operating documents are determined and specified in the contract.

The maintenance of medical equipment includes the following includes:

- development of regulatory, technical, methodological and technological documents for the management of organizational technical events;
- implementation of design work, selection of spare parts of medical equipment, protection of material and technical supply from harmful factors;
- performing construction and assembly works, that is, preparing the building for installation of medical equipment, providing energy supply, protection, ventilation, etc.;
- commissioning and adjustment of medical equipment.

After the installation and commissioning, the following activities will be carried out.

- technical control tests to check the workability of the product, if necessary, comparing them with the



parameters specified in the technical documents, the test results are documented;

- filling in the documents of the act on familiarizing medical personnel with the rules of using medical equipment and giving them the relevant assignments, these works are filled out based on the documents related to the type of medical equipment;
- implementation of warranty service for medical equipment, i.e. repair of defects caused by the manufacturer during the warranty period (performed by the manufacturer or his authorized representative);
- providing periodic (preventive) service to medical equipment - creating a system of work to be done according to the plan to prevent breakdowns caused by the wear and tear process.

The activities carried out during the working period of the medical technician include:

- the type, volume, and technological sequence of periodic technical maintenance of medical equipment are selected based on the requirements specified in the technical documents as a result of the technical condition control;
- periodicity according to the calendar period is established on the basis of technological and operating documents;
- providing repair services for medical equipment - these are works performed to ensure serviceability or restore resources;
- the decision to carry out daily maintenance work is made by consultation with the representative of the technical service enterprise and the specialist using the medical equipment;
- repair - in the process of using the medical equipment, it is carried out by mixing the parts that have been identified as malfunctions in the medical institution;
- the repairer provides a warranty period for the repaired equipment, and for this the user must comply with the requirements of the operating documents;
- if the medical equipment is a measuring instrument intended for medical purposes and its metrological indicators are affected during the repair period, it is subjected to preliminary metrological inspections;
- control of the state of medical equipment - is carried out to determine the operability of medical equipment, and in this case, the borderline condition or complete failure is determined;
- pre-use control is carried out by a medical officer before use.

The following tasks are performed during pre-launch control:

- the appearance and workplace of medical equipment are checked;
- compliance with equipment safety rules is checked when preparing medical equipment for work (integrity of wires connecting to the network, the presence of screens, the presence of protective devices);
- supply of used materials is checked;
- the readiness of the device is checked;
- start the device and check the signal indicating the readiness of its components, blocking signals;
- condition control of medical equipment is carried out by persons who have the right to this work, based on the existing laws, they measure the metrological characteristics of the output.

Control of the state of medical equipment is carried out by testing measuring instruments by accredited legal and natural persons. Information systems used in medicine are implemented by means of established procedures of testing.

Disposal is - after the medical equipment is written off, it is separated from its valuable parts and the rest is written off in a manner that does not harm the environment.

Cases in which medical equipment products may be excluded from the technical service contract include:

- according to the agreement between the service provider and treatment facilities, the medical equipment has reached a limit state;
- approved by the act of technical condition control and defect vedmost;
- the service provider is not being used in accordance with technical requirements and regulations.

In such cases, the medical equipment service company has the right to refuse to provide technical service to the medical equipment.

Conclusion: The technical maintenance journal and the report of the performed work are considered as documents that confirm the volume and quality of technical maintenance of medical equipment. For all medical equipment included in the contract in the treatment facilities, a record of the work performed and permission for further use is written in the maintenance log.