Date of class:\_\_\_\_\_\_\_\_\_\_\_\_\_

**LABORATORY CLASS №7**

**Topic: INSPECTION ANALYSIS OF INSTRUMENTS AND DEVICES FOR PUNCTURES, INJECTIONS, TRANSFUSIONS AND SUCTIONING**

***The objective:*** To study assortment and classification of instruments and devices for punctures, injections, transfusions and suctions. To carry out their inspection analysis and acceptance procedures using reference documentation.

# **Task 1**

In a chemist's warehouse multi-use medical injection syringes have arrived. Carry out inspection analysis of the given goods and make a conclusion about opportunity of their acceptance.

Write down results into table 1.

**Table 1**

**Results of inspection analysis \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

(name of the goods)

|  |  |  |  |
| --- | --- | --- | --- |
| **№** | **Name of parameter** | **Characteristics** | |
| **Requirements of ND** | **Goods, which are inspected** |
| 1 | Name and symbolic designation |  |  |
| 2 | Types of the goods |  |  |
| 3 | Package |  |  |
| 4 | Marking |  |  |

**Continuation of table 1**

|  |  |  |  |
| --- | --- | --- | --- |
| 5 | Technical requirements |  |  |
| 6 | Conditions of storage |  |  |

Conclusion:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# **Task 2**

In a chemist's warehouse single-use medical injection syringes have arrived. Carry out inspection analysis of the given goods and make a conclusion about opportunity of their acceptance.

Write down results into table 2.

**Table 2**

**Results of inspection analysis \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

(name of the goods)

|  |  |  |  |
| --- | --- | --- | --- |
| **№** | **Name of parameter** | **Characteristics** | |
| **Requirements of ND** | **Goods, which are inspected** |
| 1 | Rated capacity of a syringe |  |  |
| 2 | Scaling of a syringe |  |  |
| 3 | Package |  |  |
| 4 | Marking |  |  |
| 5 | Technical requirements |  |  |

**Continuation of table 2**

|  |  |  |  |
| --- | --- | --- | --- |
| 6 | Conditions of storage |  |  |

Conclusion:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

### Task 3

From a shop "Medical apparatus" into a drugstore single-use injection needles have arrived. Carry out inspection analysis and make a conclusion about acceptance of the given goods.

Write down the results of inspection into table 3.

**Table 3**

**Results of inspection analysis \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

(name of the goods)

|  |  |  |  |
| --- | --- | --- | --- |
| **№** | **Name of parameter** | **Characteristics** | |
| **Requirements of ND** | **Goods, which are inspected** |
| 1 | The name of needles and their symbol |  |  |
| 2 | Package |  |  |
| 3 | Marking |  |  |

**Continuation of table 3**

|  |  |  |  |
| --- | --- | --- | --- |
| 4 | Technical requirements |  |  |
| 5 | Conditions of storage |  |  |

Conclusion:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

##### Task 4

In a drugstore of medical establishment suction, infusion, single-use transfusion complete devices have arrived. Carry out inspection analysis of the arrived goods.

Write down the results of inspection into table 4.

**Table 4**

**Results of inspection analysis \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

(name of the goods)

|  |  |  |  |
| --- | --- | --- | --- |
| **№** | **Name of parameter** | **Characteristics** | |
| **Requirements of ND** | **Goods, which are inspected** |
| 1 | Completeness |  |  |

**Continuation of table 4**

|  |  |  |  |
| --- | --- | --- | --- |
| 2 | Package |  |  |
| 3 | Marking |  |  |
| 4 | Technical requirements |  |  |
| 5 | Conditions of storage |  |  |

Conclusion:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Mark and signature of professor:

Example of tests

1. **Syringes are classified by:**

(choose more than one answer)

**A.** Shape of connecting cone

**B.** Character of connection of the basic syringe details

**C.** Marking

**D.** Location of a tip

**E.** Color of glass

**F.** Design

**2. Marking of a syringe includes:**

(choose more than one answer)

**A.** Name of syringe

**B.** Color of needle

**C.** Type

**D.** Kind of connection

**E.** Size of piston

**F.** Version of a piston

3. Additional technical requirements for syringes include:

(choose more than one answer)

A. Apyrogenic properties

B. Resistance against mechanical influences

C. Sterility of syringes

D. Shelf-life - less than 1 year