

Normative base of non-destructive testing

ANNOTATION TO THE CURRICULUM OF THE INSTITUTION OF HIGHER EDUCATION

Specialty 1-38 80 01 - "Instrument making"

| | Form of higher education | |
|--|--------------------------|----------------|
| | Full-time (daytime) | Correspondence |
| Well | 1 | 1 |
| Semester | 1 | 2 |
| Lectures, hours | eighteen | four |
| Practical (seminar) classes, hours | eighteen | four |
| Laboratory classes, hours | - | - |
| Classroom hours per academic discipline | 36 | 8 |
| Test, semester | 1 | 2 |
| Independent work, hours | 54 | 82 |
| Total hours per academic discipline / credit units | 90/2 | |

1. Brief content of the academic discipline.

The discipline "Regulatory framework for non-destructive testing" aims to acquire skills in working with regulatory documents for non-destructive testing, to choose the right standards for assessing the quality of structural elements of products and objects in general, to correctly interpret the results of non-destructive testing and to assess the quality in the process of production and operation of industrial products.

2. As a result of mastering the academic discipline, the student must

know: technical regulatory legal acts on various methods of non-destructive testing, documents regulating the standards for assessing the quality of various products and objects in different production sectors, issues of metrological support and verification (calibration) of measuring instruments;

be able to: select the necessary regulatory documents for the objects of control in the relevant production sectors, regulating the assessment standards, correctly interpret the results of non-destructive testing for specific products, objects or materials;

an idea of the types and methods of forming requirements for the objects of control, on the preparation of reporting documentation based on the results of control.

3. Competences to be formed: SK-20 - To be able to carry out visual-optical and measuring control of industrial facilities

4. Requirements and forms of current and intermediate certification: test (oral and written form). In order to be admitted to the test, the student, in accordance with the program, must complete and defend individual tasks.