ORGANIZATION OF CONTROL AND QUALITY MANAGEMENT

(name of the discipline)

ANNOTATION TO THE CURRICULUM OF THE INSTITUTION OF HIGHER EDUCATION

Speciality1-54 01 02 - Methods and instruments for quality control and diagnostics of the state of objects

Specialization1-54 01 02 02 Non-destructive testing of materials and products

	Form of higher education		
	Full-time (daytime)	Correspondence	Correspondence abbreviated
Well	4		
Semester	8		
Lectures, hours	34		
USR (hour)	8		
Report, semester	8		
Classroom hours for academic discipline (including hours on managed independent work)	42		
Independent work, hours	66		
Total hours per academic discipline / credit units	108/3		

1. Brief content of the discipline

The objectives of the discipline are the systematization and consolidation of theoretical knowledge on the organization, standardization and implementation of non-destructive testing in industry.

2. Learning Outcomes

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

know: modern features of quality management, basic information about a progressive integrated quality management system, various options for using methods and means of NDT in the production of materials and products, the structure and functions of control services at enterprises, issues of metrological support, certification, accreditation, standardization and automation in NK;

be able to: choose the optimal method and means of NDT for specific objects, evaluate their capabilities With points vision achievements maximum informative andreliability, to organize a laboratory for NDT of metals at an industrial enterprise; own: an idea of the types and methods of forming requirements for parameters, equipment and the preparation of regulatory documentation and maintenance personnel for NDT in leading industries

3. Formed competencies

The development of this academic discipline should ensure the formation of the following competencies: SC-18 - Be able to create technological control systems and enterprise quality management systems.

4. Requirements and forms of current and intermediate certification. tests and exam (oral and written form). In order to be admitted to the test, the student, in accordance with the curriculum, must complete two tests.