

5.1.15. EXPERIENCE OF WORK WITHIN THE “SYSTEM OF VOLUNTARY CERTIFICATION OF PERSONNEL IN THE FIELD OF NON-DESTRUCTIVE TESTING AND TECHNICAL DIAGNOSTICS OF RSNDTTD”

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NUC “Quality”, the personnel certifying body, is accredited and performs its activity within the System of voluntary certification of personnel in the field of non-destructive testing and technical diagnostics of RSNDTTD (hereinafter referred to as “the System”) from November 2005.

System represents the actualized option of previously operated system with introduction of requirements of the International Standard ISO 17024 and updated versions of EN 473 and ISO 9712 taking into account all provisions of the Rules PB 03-440-02 approved by the Ministry of Justice of Russia and concerning non-destructive testing specialists operating at hazardous production facilities.

System consists of two documents:

- Operational rules for personnel voluntary certification system;
- Rules for certification of personnel in the field of non-destructive testing.

Documents covers certification of non-destructive testing and technical diagnostics personnel and are directed toward provision of conditions to obtain objective information about the state of tested products through evaluation of the qualification compliance of personnel performing non-destructive testing of the products quality with established levels of competence.

System includes the field of application, organizational structure, list of normative acts for certification of specialists and requirements to certifying bodies conformity evaluation (ISO-17024), procedure for qualification examinations for three qualification levels of certified personnel; it contains also certification schemes and procedures. All procedures are executed in accordance with EN-473, ISO-9712, PB 03-440-02.

Organizational structure of the System includes the body on evaluation of the conformity of bodies for certification of NDT personnel and training centers.

The list of production sectors is harmonized under international standards and PB 03-440-02 by means of introduction of 4 main sectors under EN 473 and ISO 9712, while 2 sector (equipment in the process of manufacturing and operation) includes items corresponding with the list of equipment types under PB 03-440-02.

By analogy with the International Standard ISO 9712, the method of evaluation of the stressed-strained state is entered in the list of non-destructive testing methods covered by the System. In NUC “Quality”, program is elaborated, which is agreed with leading specialists in this field, and certification provided by Russian and international standards is carried out successfully under this program.

Operation within the System made it possible for the Center to obtain subsequently accreditation in DAR TGA (Germany) for all methods, including evaluation of the stressed-strained state, as an independent body on personnel certification (IBPC) within the PB 03-440-02 system; within the NAN DTB system – CH under EN – 4179 and EASA AMC, in Russian Maritime, River and Aviation Registers, as well as to obtain recognition of EFNDT as a body on personnel certification in the field of non-destructive testing of the European states issuing certificated having multilateral recognition.

Operation under RSNDTTD system will provide objectivity, trustworthiness, elimination of mistakes during determination of qualification level of specialists and will make it possible to achieve the identity of approaches to the content, procedures and evaluation of the level of specialists in the field of non-destructive testing, including ones performing testing of technical devices, buildings and constructions at hazardous production facilities.