

5.3.13. CERTIFICATION OF SAMPLES FOR NONDESTRUCTIVE TESTING

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In recent years, at the same time with development of new NDT means, a number of different samples were developed, undergone type tests and included in the Governmental Registry of Measurement Means (GRMM).

Along with standardized and type test completed samples there is a large number of different samples used in industry. Properties of such samples are determined by technical services of an enterprise itself and they are used as a basis in using NDT means at that enterprise.

However, in some instances a confirmation of samples properties is required by an independent competent organization. That is why properties attributed to samples are not always prove to be adequate.

For samples used in spheres of operation unliable to government supervision and control and which properties must be assured and determined with necessary precision, the problem can be solved by voluntary certification or calibration.

For the purpose of solving this issue, FGUP “VNIIMS” developed a System of defects samples voluntary certification and registered a certification body – OS SDS OD (Reg. № ROSS RU. Г 426. 04FFOO, dated 04 June 2007.).

The voluntary certification allows to keep record of used samples, provide industry with information on samples and thus to exclude doubling in development of new samples. It will create cleared conditions for unification and sample variety reduction which will lead to saving of labor and improvement of non-destructive testing means metrological assurance and ensure unity, precision and repeatability of testing results in the country.