

Abstract

I passed the practice at the enterprise "Ukrmetrteststandart" in the scientific-production department of mass measurement. At the initiative of D. I. Mendeleev, the head of the Main Chamber of Measures and Weights of Russia, in 1902 a verification tent was created in Kyiv, the successor of which is today SE "Ukrmetrteststandard". The activity of this enterprise is aimed at calibration and calibration of measuring equipment, assessment of conformity of measuring equipment, obtaining a conclusion on the affiliation to the FTA, measurement of values. Also, DP "UKRMETRSTESTANDART" has created the System of Voluntary Certification of UkrSEPRO.

The purpose of the work was to familiarize with the history of the creation of the International System of Units, the method of redefinition of the kilogram, uncertainty in the measurement of force.