

# Quality Infrastructure and the Role of Metrology

**L.K. Isaev**<sup>1,2</sup>, FSBI All-Russian Research Institute of Metrological Service, FSAEI FVT Academy for Standardization, Metrology and Certification (Training), Prof. Dr., isaev-vm@vniims.ru

<sup>1</sup> Scientific Supervisor of Direction of Legal Metrology and Methodological Guidance, Moscow, Russia

<sup>2</sup> Head of Department, Moscow, Russia

**Citation:** Isaev L.K. Quality Infrastructure and the Role of Metrology, *Kompetentnost' / Competency (Russia)*, 2023, no. 3, pp. 26–30. DOI: 10.24412/1993-8780-2023-3-26-30

## key words

quality infrastructure,  
standardization, metrology,  
conformity assessment, mutual  
recognition

Quality infrastructure is a capacious concept that has been widely used in the sphere of economy and production over the past 10–15 years. The proposed article is devoted to this important topic. I have given a small historical digression in the 70s of the last century, when the usual quality control of manufactured products moved into a new phase – quality management through standardization and metrology. Already in the late 80s, the first international standard of the now widely known 9000 series was approved. In fact, all domestic systems on the scale of enterprises, regions, industries were the first models of what is now called quality infrastructure. I also reveal the essence of the quality infrastructure based on standardization, metrology, conformity assessment, its main tasks, necessary conditions and opportunities for strategic decision-making. I am sure that this will serve to improve the quality of goods and services, and, consequently, the quality of life of citizens.

In conclusion, the work of international organizations on the formation of a Global measurement system and the creation of an international network of quality infrastructure is described.

## References

1. Boytsov V.V., Glichev A.V. Product quality management, Moscow, *Publishing House of Standards*, 1985, 464 P.
2. Mutual recognition of national measurement standards and certificates of calibration and measurements issued by national metrological institutes (CIPM MRA Arrangement), *Legislative and Applied Metrology*, 2009, no. 3, pp. 3–10.
3. Okrepilov V.V., Antokhina Yu.A., Isaev L.K., Chirkov A.P. Economics of metrology, St. Petersburg, *SUAI*, 2017, 176 P.

## НОВАЯ КНИГА

**Воронин В.Н., Ионцева М.В.**



## Self-management и психология влияния

Учебное пособие. — М.: АСМС, 2022

Описываются общие принципы и закономерности взаимодействия, объясняется психология влияния в ситуациях делового взаимодействия, подробно рассматриваются ситуации, разрешить которые можно только с помощью влияния собственной личности, говорится о самомотивации, time-management и управлении эмоциональным состоянием.

Как известно, self-management, или самоуправление, — это процесс управления собой для достижения собственных целей, который позволяет оптимально использовать собственные возможности, сознательно управлять событиями, способствует формированию самодостаточной, гармонично развивающейся личности.

**По вопросам приобретения обращайтесь по адресу:** Академия стандартизации, метрологии и сертификации (АСМС), 109443, Москва, Волгоградский пр-т, 90, корп. 1. Тел. / факс: 8 (499) 742 4643. Факс: 8 (499) 742 5241. E-mail: info@asms.ru