

# Quality Management Systems of Self-Sufficient Units of Organizations

**S.L. Aleksandrov**<sup>1,2</sup>, Samara Branch of FSAEI FVT Academy for Standardization, Metrology and Certification (Training) (Samara Branch of FSAEI FVT ASMS), FBI State Regional Center for Standardization, Metrology and Testing in Samara Region (FBI Samara CSM), PhD (Tech.), Senior Researcher

**V.A. Volkov**<sup>3</sup>, FBI Samara CSM

**N.B. Timofeeva**<sup>4</sup>, Samara Branch of FSAEI FVT ASMS, Standardization Expert

<sup>1</sup> Head of Department, Samara, Russia

<sup>2</sup> Leading Engineer of Department, Samara, Russia

<sup>3</sup> Head of Department, Samara, Russia

<sup>4</sup> Deputy Director, Samara, Russia

**Citation:** Aleksandrov S.L., Volkov V.A., Timofeeva N.B. Quality Management Systems of Self-Sufficient Units of Organizations, *Kompetentnost' / Competency (Russia)*, 2025, no. 5, pp. 42–49. DOI: 10.24412/1993-8780-2025-5-42-49

## key words

organization, stages of life cycle of products and services, system, management, functions, improvements, personnel

Complex-structured organizations have self-sufficient units. They are characterized by the completeness of the production cycle, which can result in products or services in demand by consumers. Due to its organizational features, a self-sufficient unit is a convenient and most suitable facility for improving the efficiency of not only its own activities, but also the effective functioning of complex-structured organizations as a whole.

We have established the demand for the development of quality management systems for self-sufficient divisions of organizations. The use of a model that meets the requirements of GOST R ISO 9001 is declared. Options for the development and integration of QMS of organizations and their self-sufficient divisions, the possibilities of unifying general procedures for meeting requirements while maintaining opportunities for improvement are considered.

## References

1. GOST R ISO 9001–2015 Quality management systems. Requirements.
  2. GOST R 59916–2021 Russian Federation Government quality awards. Competition model and assessment principles.
  3. GOST R ISO 9004–2019 Quality management. Organization quality. Guidelines for achieving sustainable organizational success.
  4. GOST R 58531–2019 Organization management. Guidelines for implementing sustainable management in small and medium-sized enterprises.
  5. GOST R ISO/IEC 17021-1–2017 Conformity assessment. Requirements for bodies providing audit and certification of management systems. Part 1. Requirements.
  6. GOST ISO/IEC 17025–2019 General requirements for the competence of testing and calibration laboratories.
  7. Rogatkin A.Yu., *Metody menedzhmenta kachestva*, 2023, no. 7, pp. 8–13.
  8. GOST R 51814-7–2005 Quality management systems in the automotive industry. Assessment of quality management systems.
  9. GOST R EN 9101–2011 Quality management systems of organizations in the aviation, space and defense industries. Assessment of quality management systems.
  10. GOST R 58542–2019 Integrated management systems. Guidelines for practical application.
  11. GOST R 55269–2012 Organization management systems. Recommendations for building integrated management systems.
  12. GOST R 53893–2010 Guidelines and requirements for integrated management systems.
  13. GOST R 59424–2021 Guidelines for remote analysis of production status and audit of management systems.
  14. GOST R 70510–2022 Conformity assessment. Application of information and communication technologies (ICT) for audit/assessment purposes.
-