

Monthly scientific and practical journal

Published since 2000
(former name Kvalifikatsiya I Kachestvo)
Registration certificate
ПИ № Ф0-77-75122 от 22.02.2019
The journal is included in the list of publications,
recommended by Higher Attestation Commission (VAK)

Founder and publisher
**Academy for Standardization, Metrology
and Certification (ASMS)**
109443, Moscow, Volgogradsky pros., 90, 1
Phone: +7 (499) 172 4730. Fax: +7 (499) 742 5241
E-mail: info@asms.ru. www.asms.ru

Chief Editor
Alexander V. Zazhigalkin, FSAEI FVT ASMS

Editorial board
Michael I. Lomakin, Federal Center for Science
and High Technologie, RF, Moscow
Svetlana A. Kalintseva, FSAEI FVT ASMS, RF,
Moscow

Stanislav Bartusek, Technical University of
Ostrava, Czech Republic, Ostrava

Viktor Ya. Belobragin, LLC Advertising Informational
Agency Standards and Quality, RF, Moscow

Boris V. Boytsov, International Public Organization
Academy of Quality Problems, and Moscow
Aviation Institute (MAI), RF, Moscow

Fedor V. Bulygin, All-Russian Research Institute
of Metrological Service (VNIIMS), RF, Moscow

Viktor A. Vasil'ev, MAI, RF, Moscow

Vladimir V. Voronin, FSAEI FVT ASMS, RF, Moscow

Tatiana V. Guseva, FSAB Research Institute
Environmental Industrial Policy Centre, RF, Moscow

Ol'ga P. Dvoryaninova, Voronezh State University
of Engineering Technologies, RF, Voronezh

Alexander V. Dokukin, Federal Center for Science
and High Technologie, RF, Moscow

Nina I. Dunchenko, Russian State Agrarian
University — Moscow Timiryazev Agricultural
Academy, RF, Moscow

Lev K. Isaev, All-Russian Research Institute
of Metrological Service (VNIIMS), RF, Moscow

Leonid V. Kolomiets, Odessa State Academy of
Technical Regulation and Quality, Ukraina, Odessa

Vladimir Yu. Korchak, N.E. Bauman MSTU, RF, Moscow

Aleksey V. Leonov, FSBI 46 Central Research
Institute, RF, Moscow

Alexandr V. Malkov, D. Mendeleev University
of Chemical Technology of Russia, RF, Moscow

Valeriy A. Novikov, FSAEI FVT ASMS, RF, Moscow

Yuriy A. Pal'chun, Novosibirsk Branch FSAEI FVT
ASMS, RF, Novosibirsk

Vladimir V. Pomazanov, Self-Regulatory
Organization CenterReahim, and SEI HE MO State
Humanitarian and Technological University, RF,
Moscow Region

Anatoliy I. Solyanik, Russia Voronezh Branch
FSAEI FVT ASMS, RF, Voronezh

Editorial staff
I.S. Gridin, L.A. Kas'yanova,
E.V. Kirienko, I.B. Kuskova
Phone: +7 (499) 172 7717, 172 5757

Layout and logo design
A.B. Kostrikov

Original layout
Individual Entrepreneur Shilenkova E.I.
Phone: +7 (916) 324 0613

Subscription
In the union catalog Russia Press: 87872
In the publishing department
Phone: +7 (499) 172 7717. E-mail: komp@asms.ru
Signed for printing 10.04.2025
Matte coated paper 84×108/16
Offset printing. Conv. pp. 3,75
5000 copies. Order number 512025

Printing
Printing House LLC Polygraphic complex,
125315, Moscow,
Chasovaya str., 28, bldg. 4, fl. 3, room 42V
Authors' ideas may not always coincide
with the editorial staff.
While using materials reference to the journal
Kompetentnost' is required
Articles' reprinting is allowed only with the editorial staffs'
permission
Editorial stuff is not responsible for the content
of the advertisements
Materials in the category Company are published
on the rights of advertising
© Academy for Standardization, Metrology
and Certification, 2025

Content

3/2025

TOPICAL THEME

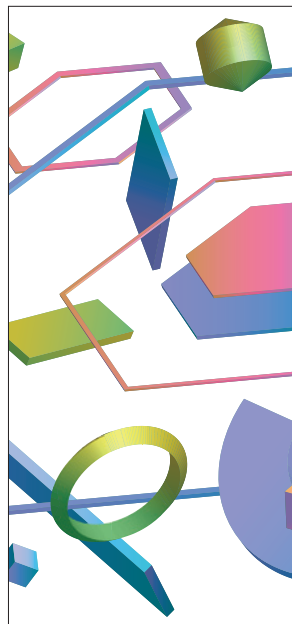
5 I.I. Antonova
V.A. Smirnov
Yu.A. Repina
A.T. Khadieva
Heuristic
Modeling
of the Ensuring
Technological
Sovereignty
Problems

10 T.V. Savenkova
M.N. Kostyuchenko
On Metrological
Support for the
Food Industry
Production

QUALITY MANAGEMENT

14 K.D. Skobelev
Quality
Management
of Testing
Laboratories
in the Context
of Digitalization

19 D.K. Shcheglov
System Life Cycle
Management Tool:
Digital Product
Passport



MICROECONOMICS

27 E.A. Bogomazov
P.V. Soldatenko
On the Office
Building
Development
Project Efficiency
in Conditions
of Uncertainty

MANAGEMENT

35 M.N. Belaya
M. Korshunova
Food Safety
Management System
at Wineries

40 A.I. Minakhmetov
I.V. Moreva
Certification
of Workplaces
for Compliance
with the Criteria
of the 5S System:
Process Approach

PRODUCTION ORGANIZATION

47 A.V. Lyadskaya
V.A. Prokhorova
ESG-Component
Corporate
Governance:
Experience
and Trends

TRAINING

60

NEWS

**4, 11, 32, 52,
58, 59**

Reviewers:

Prof. Dr. **T.V. Guseva**, Research Institute Environmental Industrial Policy Center;
Prof. Dr. **V.A. Vasil'ev**, Russian State University of Aviation Technology (MAI);
Prof. Dr. **N.I. Dunchenko**, Russian State Agrarian University — Moscow Timiryazev
Agricultural Academy; Prof. Dr. **A.I. Solyanik**, Voronezh ASMS Branch;
Prof. Dr. **V.Ya. Belobragin**, Academy for Quality Problems;
Prof. Dr. **I.A. Makeeva**, State Scientific Institution Research Institute for Dairy Industry;
Prof. Dr. **A.V. Malkov**, D.I. Mendeleev University of Chemical Technology of Russia;
Prof. Dr. **V.Yu. Korchak**, N.E. Bauman Moscow State Technical University;
Prof. Dr. **A.V. Leonov**, 46 Central Research Institute of RF Defense Ministry

Next issues

Methodology for Studying
Personnel Metacompetencies
During Production
Modernization

On Organization
Resource Efficient
Production Systems
in Metallurgical Industry

Training Specialists
for Regional Quality
Infrastructure: Practice
of Systematic Approach