

# Content

5/156/2018

## ANNIVERSARY

**5** V.Yu. Korchak

The Role  
of Standardization,  
Metrology  
and Certification  
in Ensuring  
of the Defense  
Products Quality



## TRAINING

**8**

L.P. Kleeva  
A.K. Nikitova  
A.Yu. Krotov  
Resourcing Science  
in Modern Russia

## TOPICAL THEME

**16** E.A. Sysoeva

Technical Regulations  
of Eurasians  
Economic Union  
037/2016/EEU:  
a Step to Environment  
and Human Health  
Protection

## MANAGEMENT

**21**

N.Yu. Mysik  
Implementation  
of Risk Management  
in Organizations  
for Conformity  
Assessment

**26** A.N. Pan'kov

Monitoring  
System TAMI-trace  
for Test Results  
Verification

**29** S.V. Kas'yanov  
R.I. Gabdrakhmanova

Increasing Enterprise  
Competitiveness  
by Management  
Methods  
from Various  
Management  
Industrial  
Systems

**34** N.S. Khersonskiy

Forecasting the  
Output Characteristics  
of Business  
Processes: Transfer  
Function Process

**40** D.N. Levitskiy  
K.A. Pikanov

On the Impact  
of the Organization's  
Social Policy  
on the Quality of Life

## INNOVATION

**43** A.E. Artes

T. Kh. Ayupov  
A.G. Dudkinskiy  
Development  
of Innovative  
Technologies for  
Valve Manufacturing

## RESEARCH

**48** V.V. Pomazanov

S.G. Mardanly  
V.A. Kiseleva  
B.K. Romanov  
Alcohol as a National  
Security Agent

## ACADEMY REPRESENTS

**52** A.P. Lepyavko

Department of  
Thermal Engineering  
Measurements

## TRAINING

**56**

**Reviewers:** Prof. Dr. G.V. Pankina, ASMS; Prof. Dr. T.V. Guseva, D.I. Mendeleev University of Chemical Technology of Russia; 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. V.Yu. Korchak, Section of Applied Problems, Russian Academy of Sciences

## Next issues

Methodology  
for uncertainty  
assessment  
of calibration results

List of standards  
and development  
of procedures for managing  
internal documentation

Analysis of technologies  
for the effectiveness  
of material properties  
diagnostics

## Monthly scientific and practical journal

Published since 2000  
(former name Kvalifikatsiya i Kachestvo)  
Registration certificate  
PI No ФС-77-48934 from 12, March, 2012  
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**  
Prof. Dr. V.N. Voronin, Russia

**Editorial board**  
S.A. Kalintseva, Russia  
Deputy Chief Editor

Dr. S. Bartusek, Czech Republic

Prof. Dr. V.Ya. Belobragin, Russia

Prof. Dr. B.V. Boytsov, Russia

Prof. Dr. F.V. Bulygin, Russia

Prof. Dr. T.V. Guseva, Russia

Prof. Dr. N.I. Dunchenko, Russia

Prof. Dr. L.K. Isaev, Russia

Prof. Dr. W. Kirmse, Germany

Prof. Dr. L.V. Kolomiets, Ukraine

Prof. Dr. V.Yu. Korchak, Russia

Prof. Dr. A.V. Leonov, Russia

Dr. V.A. Novikov,  
Associate Professor, Russia

Prof. Dr. Yu.A. Pal'chun, Russia

Prof. Dr. V.V. Pomazanov, Russia

Prof. Dr. A.I. Solyanik

**Editorial staff**

L.A. Kas'yanova, E.V. Kirienko,  
E.G. Kolesnikova, 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 catalogue Newspapers. Journals  
of Rospechat agency: 83344  
In the union catalog Russia Press: 87872

In the publishing department  
Phone: +7 (499) 172 7717  
E-mail: komp@asms.ru

Signed for printing 18.06.2018  
Matte coated paper 84×108/16  
Offset printing. Conv. pp. 7  
2000 copies. Order number 351

**Printing**

JSC Kaluzhskaya Tipografiya Standartov  
248021, Kaluga, Moskovskaya ul., 256

Authors' ideas may not always coincide  
with the editorial stuff.

While using materials reference to the journal

Kompetentnost' is required

Articles' reprinting is allowed only with the editorial stuff's  
permission

Editorial staff is not responsible for the content  
of the advertisements

Materials in the category Company are published  
on the rights of advertising