



НАЦИОНАЛЬНЫЙ ИССЛЕДОВАТЕЛЬСКИЙ
УНИВЕРСИТЕТ

New trends in training and evaluation of personnel in the sphere of technical regulation in the Russian Federation.

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Standardization and Metrology

under Institute of State and Municipal Management
of National Research University Higher School of Economics

Goal:

Formation of competent personnel in the field of technical regulations including conformity assessment bodies

To achieve the objective it is needed to use all existing mechanisms:

- Training of personnel
- Putting the requirements in documents on standardization
- Assessment of professional qualifications
- Certification of personnel of certification bodies



EDUCATION IN THE SPHERE OF TECHNICAL REGULATION



NATIONAL RESEARCH
UNIVERSITY

INSTITUTE OF STATE AND MUNICIPAL
MANAGEMENT

INTERNATIONAL SCIENTIFIC-EDUCATIONAL
CENTER OF TECHNICAL REGULATION,
STANDARDIZATION AND METROLOGY

100%

- ✓ TECHNICAL REGULATION
- ✓ STANDARDIZATION
- ✓ METROLOGY
- ✓ CONFORMITY ASSESSMENT
- ✓ ACCREDITATION
- ✓ TESTING OF PRODUCTS
- ✓ STATE SUPERVISION
- ✓ MANAGEMENT SYSTEMS



НАЦИОНАЛЬНЫЙ ИССЛЕДОВАТЕЛЬСКИЙ
УНИВЕРСИТЕТ

**Managers and specialists of
enterprises-manufacturers and
suppliers**

Experts in the field of energy management

**Managers and specialists of national
accreditation bodies, experts of organizations
on accreditation**

Foreign
specialists

ENVIRONMENTAL SPECIALISTS

**MANAGERS AND SPECIALISTS OF TESTING
LABORATORIES**

**MANAGERS AND SPECIALISTS OF
CERTIFICATION BODIES**

Employees of metrological services of
enterprises and organizations

Developers of technical regulations

**Specialists in national and Interstate
standardization**

TECHNICAL REGULATION. TAGET AUDITORIA

The employees of the research institutions
involved in the field of technical regulation

**MANAGERS AND SPECIALISTS OF
INSPECTION BODIES**

**Managers and specialists of federal bodies of
executive power**

**MANAGERS AND SPECIALISTS OF STATE
SUPERVISORY AUTHORITIES**

**Specialists on maintenance of unity of
measurements**

**SPECIALISTS OF ORGANIZATIONS
PROVIDERS ISI**

**Teachers at higher and specialized secondary
educational bodies, institutions of additional
professional education for the professions in the
field of technical regulation**

**Specialists of testing and calibration
laboratories**



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УНИВЕРСИТЕТ



HIGHER SCHOOL OF ECONOMICS
NATIONAL RESEARCH UNIVERSITY



Russian Union of Industrialists and Entrepreneurs

• **INTERNATIONAL SCIENTIFIC-EDUCATIONAL
CENTER OF TECHNICAL REGULATION,
STANDARDIZATION AND METROLOGY**

- ✓ TECHNICAL REGULATION
- ✓ STANDARDIZATION
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- ✓ MANAGEMENT SYSTEMS

100%



Educational activity:

- Creation and development of common educational programs of training specialists in the sphere of technical regulation, standardization and metrology
- Training and advanced training of specialists in the sphere of technical regulation, standardization and metrology, including at the international and regional levels



НАЦИОНАЛЬНЫЙ ИССЛЕДОВАТЕЛЬСКИЙ
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LEADING RUSSIAN EXPERTS



Galina Pankina
Doctor of technical
sciences



Iosif Aronov
Doctor of technical
sciences



Olga Kostyleva
Ph.D



Jury Gusakov.
Professor



Sergey Pugachev
Ph.D



Lubov Bondar
Ph.D



Ivan Boldyrev
Ph.D



Irina Grigorieva



Accredited body for personnel certification
(GOST R ISOP/IEC 17024-2011) under Association for technical
regulation (ASS TR).



Accredited body for personnel certification under ASS TR is accredited
by **International Personnel Certification Association (IPC)**



Education. Needs for professionals in the field of technical regulation





Education. Additional professional education in the field of technical regulation.



Additional professional education (EPE)

Refreshing trainings

Professional retraining

Short courses
(less than 15 hours)

new professional
competence

new competence, new skills

Result

Certificate
of refreshing trainings

Diploma of professional retraining
and new qualification

Document

IMPLEMENTATION OF THE PRINCIPLE OF THE PROGRESSIVE
IMPROVEMENTS IN THE EDUCATION SYSTEM



- ✓ Technical regulation
- ✓ Standardization
- ✓ Metrological assurance of production
- ✓ Attestation of conformity
- ✓ Testing
- ✓ Supervision over compliance with the requirements of technical regulations
- ✓ Accreditation of certification bodies and testing laboratories
- ✓ Management: risks, quality, ecology, safety, energy efficiency, information security, etc.

Possible cooperation with the WP 6 UNECE:

1. Involvement of experts in the “Initiative on Education in standardization and related issues” (START-ed) of WP 6 UNECE to implement training programs.
2. Creation and approbation within the Institute new and existing modular programs on education developed by WP 6 UNECE.
3. Exchange of experiences on the implementation of training programs in the field of standardization, recommended for inclusion in university training programs.
4. Publishig the information about the Institute in the WP 6 UNECE web-site



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THANK YOUR FOR ATTENTION

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