



FSAEI FPE  
Academy for  
standardization,  
metrology and  
certification



РОССТАНДАРТ  
Федеральное агентство  
по техническому регулированию  
и метрологии

# Russia – Putting standardization onto the academic agenda

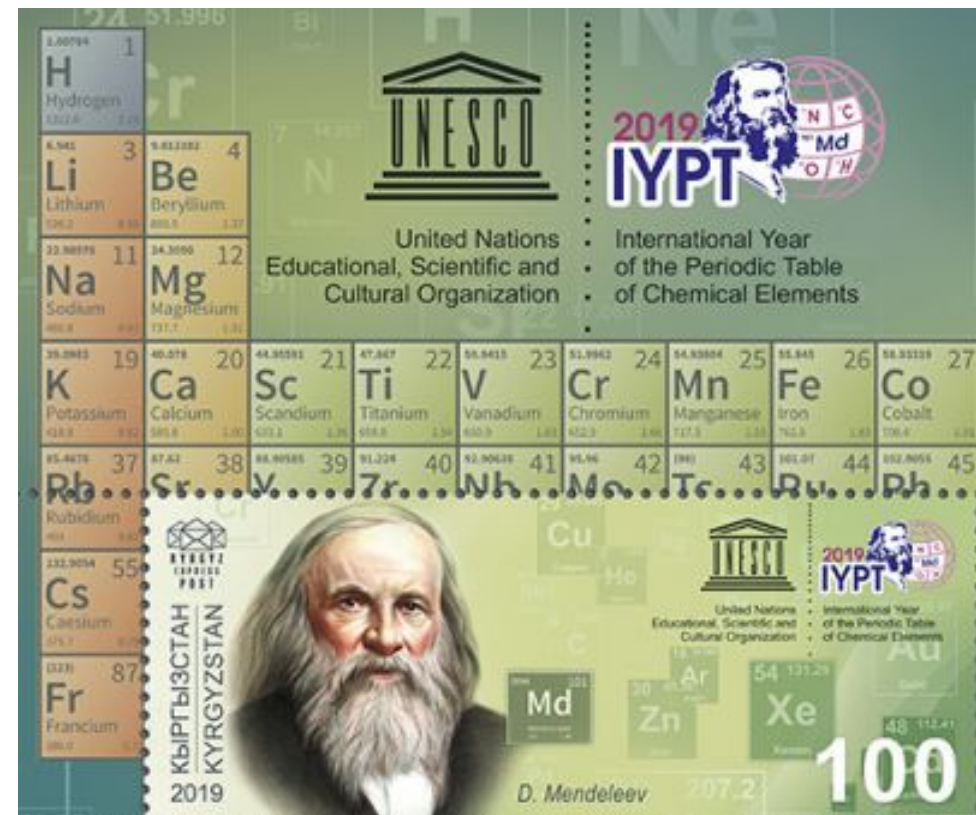
**Dr.Nikita KUPRIKOV**

Adviser to the Rector  
Doctor, As.Professor  
Chairman TC 187/ITC 555



# IN 2019 WE CELEBRATE THE 120TH ANNIVERSARY OF RUSSIAN METROLOGICAL EDUCATION

On June 4, 1899  
Emperor Nicholas II approved  
the "Measures and Weights  
Regulations " developed by the  
Russian scientist D.I. Mendeleev,  
the founder of Russian Metrology



1899

1968

2019

**PCT**

The All-Union Institute of Advanced Training of Managers and Engineers in the field of Standardization, Product Quality and Metrology (VISM) was created on the basis of the All-Union correspondence courses by Order of V.V. Boytsov, the Chairman of the Gosstandart of the USSR No. 134 of June 5, 1968 on the basis of the Resolution of the Council of Ministers No. 515 of June 6, 1967 ...

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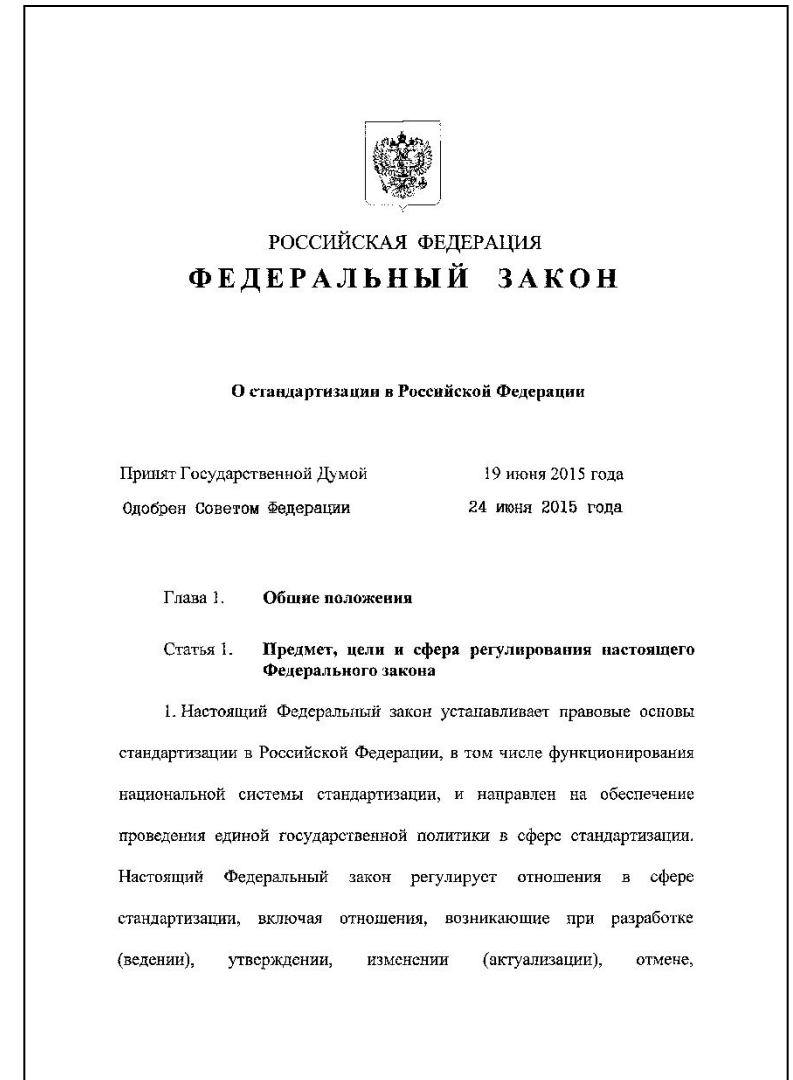
1968

2019

IPSTI

# 162-FZ “On Standardization in the Russian Federation”

- Education of personnel in the field of standardization refers to the State policy of the Russian Federation in the field of standardization, Chapter 2, article 7, paragraph 4;
- The Federal Executive body in the field of standardization (Rosstandart) organizes training and further professional education in the field of standardization, Chapter 3, article 9, paragraph 29



# MISSION OF ROSSTANDART ACADEMY

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To take a leading position in the market of educational services of further professional education in the field of technical regulation, metrology, standardization, conformity assessment and management systems

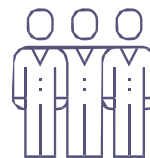


# ROSSTANDART ACADEMY IS 50 YEARS OLD

## The aim of the Academy

is to meet the needs of the society and the state in qualified specialists, as well as employees of the Rosstandart system and specialists of various sectors of the economy in obtaining knowledge about the latest achievements in the field of technical regulation, standardization, metrology and management systems.

1 000+  
employees



800000+  
students



5 000+  
foreign students



12

branches



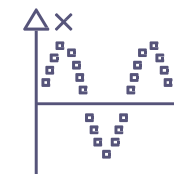
30

buildings



100


departments  
in Moscow

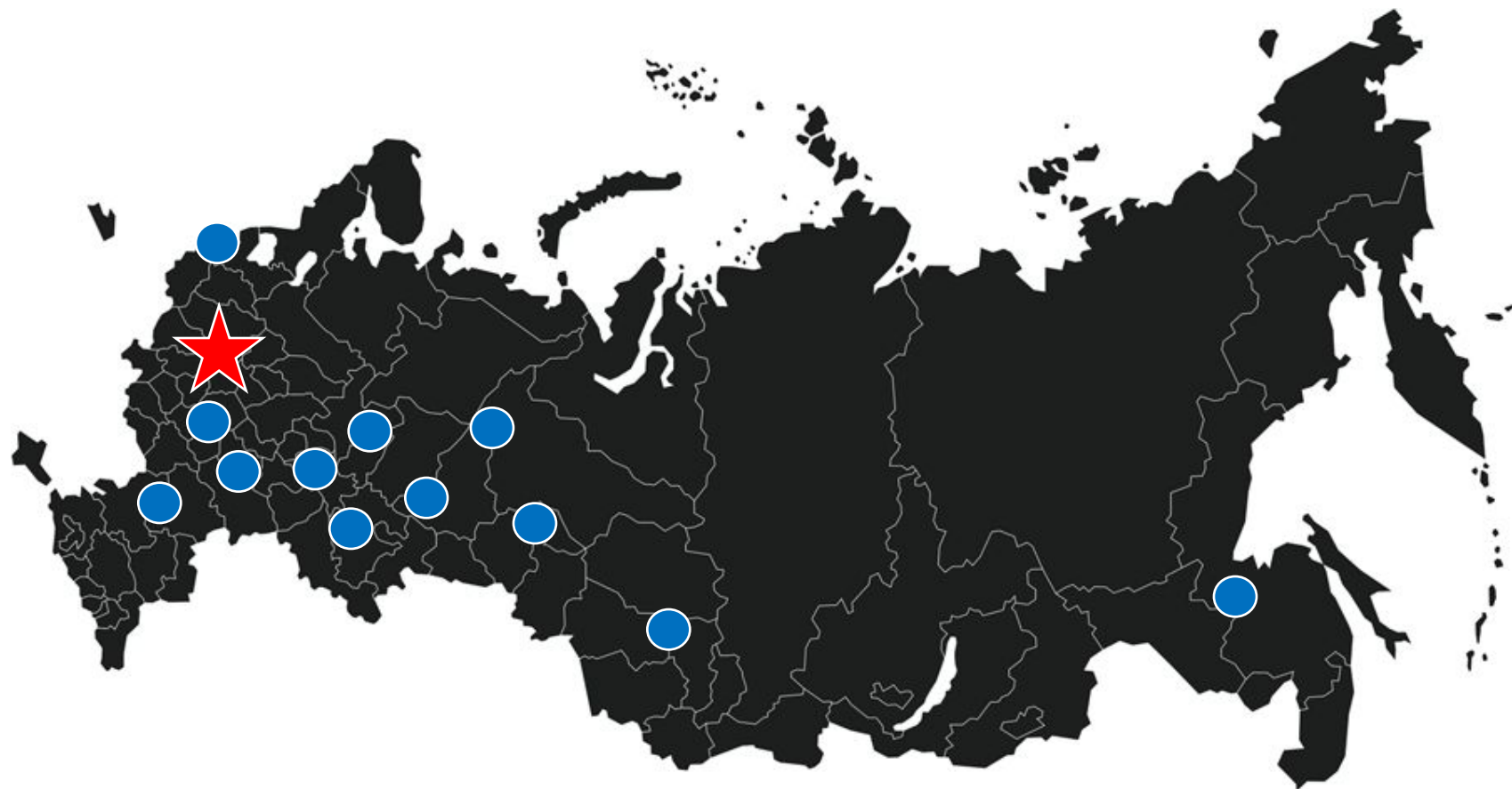


300+

educational  
programs

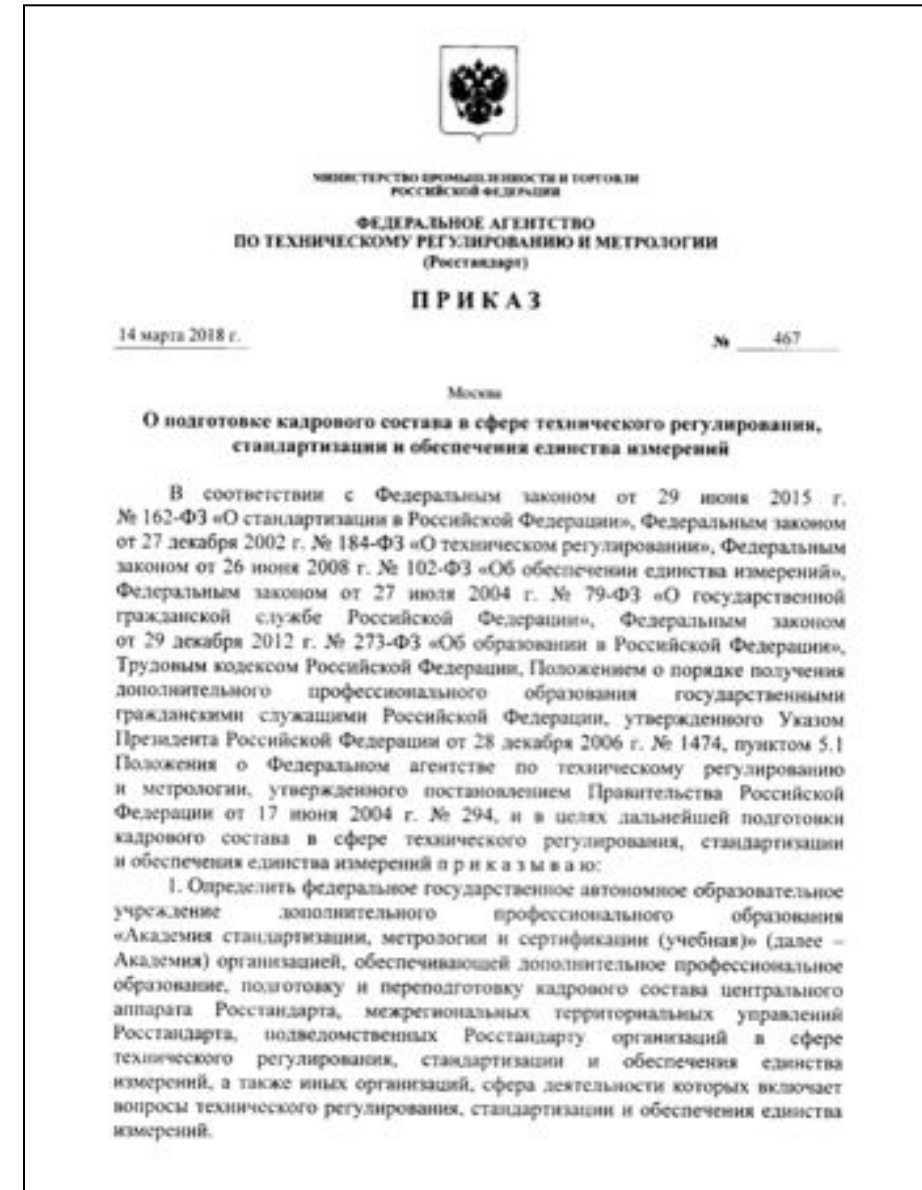
# ROSSTANDART ACADEMY IS 50 YEARS OLD

- Moscow 
- Saint-Petersburg
- Nizhny Novgorod
- Voronezh
- Novosibirsk
- Ural
- Tomsk
- Krasnodar
- Samara
- Kazan
- Rostov-on-Don
- Bashkiriya
- Khabarovsk



# ROSSTANDART ACADEMY –

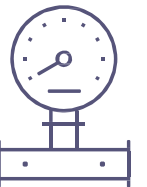
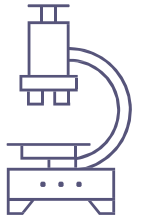
## ALL-RUSSIAN SCIENTIFIC-METHODICAL CENTER OF EDUCATION IN THE FIELD OF TECHNICAL REGULATION AND METROLOGY



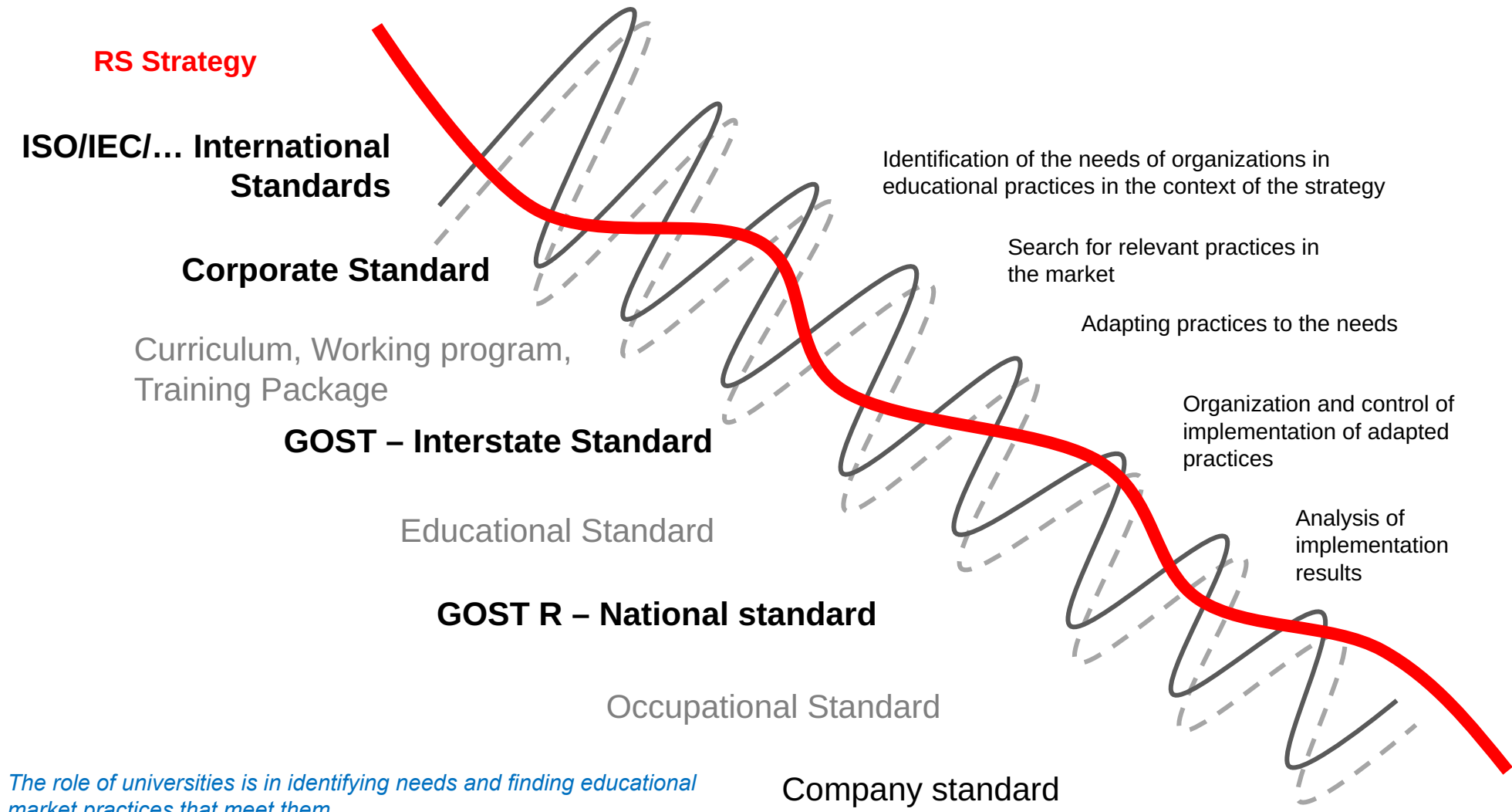


# STRATEGIC DEVELOPMENT OBJECTIVES

- To ensure quality of educational environment in the field of technical regulation and metrology
- To provide the level of quality of specialists in the field of technical regulation and metrology to meet modern and advanced requirements of equipment and economy
- To ensure the unity of scientific and organizational and methodological approaches in training, retraining and advanced training of specialists in the field of technical regulation and metrology
- To harmonize professional, educational and national standards in regard to personnel competence requirements
- To create a system for monitoring the needs and satisfaction of the labor market in specialists in technical regulation and metrology



# RUSSIAN STANDARD – VECTOR IN EDUCATION



*The role of universities is in identifying needs and finding educational market practices that meet them*

Federal executive authority

Business school

On-line resources

Training center

Consultants and trainers

Corporate university

Higher institution

secondary specialized institution

School

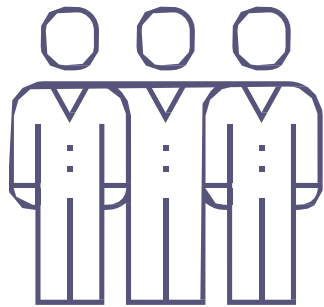
# CONCEPT OF STANDARDIZATION DEVELOPMENT IN THE RUSSIAN FEDERATION FOR THE PERIOD TILL 2030

- To ensure a high level of standardization in the Russian Federation, it is necessary to have highly qualified specialists in the field of standardization, as well as that administrative, managerial, engineering and economic personnel have knowledge of standardization issues
- Taking into account the dynamic development of standardization, it is necessary to ensure both the training of specialists in the field of standardization in institutions of higher and secondary vocational education, and the periodic training of working professionals.

**PERSONNEL  
IS THE KEY  
TO EVERYTHING**

# CORE TRAINING PROGRAMMES OF THE ACADEMY IN THE SPHERE OF STANDARDIZATION

Annual need for retraining and advanced training in standardization and related issues - 60000 - 65000 students



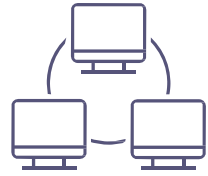
INTERNATIONAL  
STANDARDIZATION

STANDARDIZATION  
(TRAINING OF EXPERTS)

STANDARDIZATION. REGULATORY INFORMATION SUPPORT OF PRODUCT LIFE CYCLE ON THE BASIS OF THE UNIFIED SYSTEM FOR DESIGN DOCUMENTATION AND THE UNIFIED SYSTEM FOR TECHNOLOGICAL DOCUMENTATION IN THE DEVELOPMENT AND APPLICATION OF DESIGN AND TECHNOLOGICAL DOCUMENTATION

CURRENT ISSUES OF TECHNICAL REGULATION AND STANDARDIZATION

# EDUCATIONAL PROGRAMS



## Types of training

PROFESSIONAL RETRAINING

FURTHER TRAINING

TRAININGS AND SEMINARS

DISTANCE LEARNING

POSTGRADUATE EDUCATION



## Fields of education

TECHNICAL REGULATION

STANDARDIZATION

METROLOGY

CONFORMITY ASSESSMENT, COMPLIANCE TESTING

MANAGEMENT SYSTEMS

METROLOGICAL SUPPORT

PRODUCT QUALITY CONTROL

NON-DESTRUCTIVE TESTING

ENVIRONMENTAL MANAGEMENT

VERIFICATION AND CALIBRATION OF MEASURING INSTRUMENTS

METHODS AND MEANS OF METROLOGICAL ASSURANCE OF NANOTECHNOLOGY AND ANALYTICAL CONTROL

# INTERNATIONAL COOPERATION

- ASMC leading standardization experts are involved in educational projects of UNESE, APEC, EFQM, ANQ, and work in the relevant ISO committees (ISO/TC 232, ISO/PC 288)
- More than 200 specialists from 39 countries have been trained at the suggestion of UNIDO
- In 2018, a delegation from the Heilongjiang Standardization Institute successfully completed a training program on: "Modern standardization issues".
- Also, students visit the "The All-Russian Research Institute for Standardization of Materials and Technologies" and "ROSTEST" in Moscow and the State Centre "Test-S.-Petersburg", D.I. Mendeleev Institute for Metrology in St.-Petersburg



UNITED NATIONS  
INDUSTRIAL DEVELOPMENT ORGANIZATION



# TC 382/ITC 549 "PROFESSIONAL PERSONNEL TRAINING AND CERTIFICATION"



MINISTRY OF LABOUR  
AND SOCIAL PROTECTION  
OF THE RUSSIAN FEDERATION



АКАДЕМИЯ  
РОСАТОМА



РХТУ  
ИМ. ДИ. МЕНДЕЛЕЕВА



НП АССТР  
Некоммерческое партнерство "Ассоциация  
регулируемому"



МИНИСТЕРСТВО ПРОМЫШЛЕННОСТИ И ТОРГОВЛИ  
РОССИЙСКОЙ ФЕДЕРАЦИИ  
ФЕДЕРАЛЬНОЕ АГЕНТСТВО  
ПО ТЕХНИЧЕСКОМУ РЕГУЛИРОВАНИЮ И МЕТРОЛОГИИ  
(Росстандарт)

## П Р И К А З

23 октября 2017 г.

№ 2203

Москва

### Об организации деятельности технического комитета по стандартизации «Профессиональное обучение и сертификация персонала»

В целях реализации Федерального закона от 29 июня 2015 г. № 162-ФЗ «О стандартизации в Российской Федерации», повышения эффективности работ по стандартизации на национальном, межгосударственном и международном уровнях и по согласованию с заинтересованными организациями п р и к а з ы в а ю:

1. Переименовать технический комитет по стандартизации «Непрерывное обучение, подготовка и сертификация персонала» в технический комитет по стандартизации «Профессиональное обучение и сертификация персонала».
2. Организовать деятельность технического комитета по стандартизации «Профессиональное обучение и сертификация персонала» (далее – технический комитет) в соответствии с настоящим приказом.
3. Закрепить за техническим комитетом объекты стандартизации в соответствии с кодами ОКС:
  - 03.080.20 - услуги для фирм;
  - 03.080.99 - услуг прочие;
  - 03.100.30 - управление трудовыми ресурсами;
  - 03.100.99 - организация фирм и управление ими, прочие аспекты;
  - 03.180 - образование, в части профессионального обучения, в том числе профессиональных стандартов и сертификация персонала.
4. Возложить выполнение функций по ведению дел секретариата технического комитета на Федеральное государственное автономное образовательное учреждение «Академия стандартизации, метрологии и сертификации (учебная)» (далее – ФГАОУ ДПО «АСМС»).
5. Назначить:

# EDUCATIONAL COOPERATION OF THE ACADEMY

## WITH UNIVERSITIES AND RESEARCH CENTERS



**POLYTECH**

Peter the Great  
St. Petersburg Polytechnic  
University



Chamber  
of Commerce  
and Industry  
of the Russian  
Federation





# EDUCATIONAL COOPERATION OF THE ACADEMY

## WITH THE STANDARDIZATION BODIES IN THE CIS COUNTRIES



Belarusian State Institute  
for Advanced Training and  
Retraining of Personnel for  
Standardization, Metrology  
and Quality Management



Scientific Research  
Institute of  
Standardization,  
Metrology and  
Certification of the Uzbek  
Agency for  
Standardization



Kazakh Institute of  
Advanced Training in  
Technical Regulation,  
Metrology and  
Management Systems



Centre for Standardization  
and Metrology, under the  
Ministry of Economy of the  
Kyrgyz Republic

# THE ACADEMY COOPERATES WITH PUBLIC ORGANIZATIONS

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