

TC 3.1 report for 2019

1. GENERAL CHARACTERISTIC

The main goals and objectives of TC 3.1. Quality forum of COOMET are as follows:

- harmonization of understanding of the requirements of the new versions of ISO/IEC 17025-2017 and IEC 17034-2016 standards;
- implementation of ISO/IEC 17025-2017 and IEC 17034-2016 standards in COOMET NMI;
- balanced development of the QMS in the field of Metrology and coordination of activities within the COOMET RMO;
- development of QMS documentation and presentation to the quality Forum members;
- implementation of peer review (external audits) of the NMI QMS;
- monitoring of the NMI QMS;
- implementation of the quality Forum's work in the broader community of metrologists in COOMET countries;
- organization of seminars on the implementation and application of ISO/IEC 17025 and ISO 17034 standards.

In 2019, two meetings of the Technical Committee (TC 3.1) of the COOMET quality Forum and one meeting of the COOMET Quality forum were held.

Workshop "Implementation of updated requirements of the new version of ISO/IEC 17025: 2017 in the quality management System of NMI / DI" for representatives of NMI/DI.

Workshop "conducting external audits of the NMI/DI QMS according to the new version of ISO/IEC 17025: 2017" for COOMET auditors.

Workshop on implementation of the new version of ISO/IEC 17025: 2017 for NMI of the Russian Federation.

Workshop on implementing the new version of ISO 17034: 2016 for representatives of NMI/DI.

Workshop «Implementation of updated requirements of the new version ISO/IEC 17025:2017 in the quality management System of NMI/DI»

Workshop "Implementation of updated requirements of the new version of ISO/IEC 17025: 2017 in the quality management System of NMI / DI" for representatives of NMI/DI. The workshop was held from 05 to 07 February 2019 at the PTB in Braunschweig, Germany.

The seminar was attended by 21 participants from 10 countries (Azerbaijan, Belarus, Bosnia and Herzegovina, Georgia, Germany, Kyrgyzstan, Moldova, Russia, Ukraine, Uzbekistan).

The workshop was dedicated to the effective implementation of the new version of ISO/IEC 17025: 2017 and its application in the quality management System of NMI/DI. The revision of ISO/IEC 17025: 2017 covers technical changes, vocabulary and developments in IT technologies. It also takes into account the latest version of ISO 9001.

The workshop discussed in detail the main changes to ISO/IEC 17025: 2017, the reasons for the new edition and possible consequences for COOMET. It was also told about the transition to the new version of ISO/IEC 17025: 2017 in EUROMET: principles of transition and actions to implement the transition.

Special attention was paid to such issues as:

1. Process approach.
2. Rules for making decisions.
3. Information technology.
4. Risk-based approach.
5. Metrological traceability.
6. Competence of personnel.

All the material was considered on practical concrete examples, which contributed to the application of the knowledge gained during the implementation of the new version of ISO/IEC 17025: 2017 in the quality management System of NMI/DI.

Participants of the seminar were issued certificates confirming their participation.

26th meeting of the Technical Committee (TC 3.1) COOMET Quality forum

The 26th meeting of the Technical Committee (TC 3.1) of the COOMET Quality Forum was held from 26 to 27 March 2019 in Chisinau, Moldova.

Main topics of the meeting:

- The meeting reviewed the annual reports of the NMI/DI. All NMI / DI provided reports for 2018. All the experts' comments were resolved in a working order.
- According to the Policy and plan of the Technical Committee of the COOMET quality Forum for the transition to ISO 17034: 2016, VNIIM (Russia), VNIIOFI (Russia), BelGIM (Belarus), Ukrmetrteststandart (Ukraine), UNIIM (Russia), KazInMetr (Kazakhstan) provided action plans for the transition to the new version of ISO 17034. The decision was made to make all plans for the transition of NMIs with a few refinements.
- The meeting presented revised draft documents of the COOMET quality Forum, including the Regulations on the Technical Committee (TC 3.1) of the COOMET quality Forum.
The draft documents were adopted by the TC Members.

DECISION:

Send the draft new documents of the COOMET Quality Forum and the Regulations on the Technical Committee (TC 3.1) of the COOMET quality Forum to the COOMET Secretariat for further approval by the COOMET Committee.

Workshop on implementation of the new version of ISO/IEC 17025: 2017 for NMI of the Russian Federation

The workshop on the implementation of the new version of ISO/IEC 17025: 2017 for the NMI of the Russian Federation was held on February 28, 2019 in Moscow, Russia, on the basis of FSUE "VNIIOFI".

The seminar was attended by 40 people from all 7 NMI in Russia.

The following topics were discussed in detail at the seminar:

- Differences between ISO/IEC 17025:2017 and ISO/IEC 17025:2005 versions
- COOMET's policy and transition plan for the new version of ISO/IEC 17025: 2017
- On preparation for external audits of the COOMET quality Forum of the NMI of the Russian Federation during the transition to the new version of ISO/IEC 17025: 2017
- Updating of the NMI QMS documents in connection with the transition to the new version of ISO/IEC 17025: 2017

Workshop "conducting external audits of the NMI/DI QMS according to the new version of ISO/IEC 17025: 2017" for COOMET auditors

A workshop for COOMET auditors was held on March 28, 2019 in Chisinau, Moldova.

The following topics were discussed in detail at the seminar:

- COOMET solutions regarding the application of ISO / IEC 17025: 2017 for external assessment of the NMI QMS

- Differences between ISO/IEC 17025:2017 and ISO/IEC 17025:2005 versions
- New documents of the COOMET quality Forum
- COOMET's policy and transition plan for the new version of ISO/IEC 17025: 2017
- Preparation for external audits of the COOMET NMI quality Forum when switching to the new version of ISO/IEC 17025: 2017
- Updating of the NMI/NI QMS documents in connection with the transition to the new version of ISO/IEC 17025: 2017
- Procedure for conducting an external audit of the NMI/NI COOMET QMS

Participants of the seminar were issued certificates confirming their participation.

Workshop on implementing the new version of ISO 17034: 2016

A workshop on the implementation of the new version of ISO 17034: 2016 for representatives of NMI/NI was held on 14.05.2019 in Moscow, Russia on the basis of VNIIOFI.

The seminar was attended by 35 people from 8 NMI (UNIIM (Russia), VNIIM (Russia), VNIIMS (Russia), VNIIOFI (Russia), VNIIFTRI (Russia), UKRMETRTESTSTANDART (Ukraine), BelGIM (Belarus), Uznim (Uzbekistan)).

The following topics were discussed in detail at the seminar:

- The differences between the versions of ISO 17034:2016 and ISO Guide 34
- COOMET's policy and transition plan for the new version of ISO 17034: 2016
- Tasks of the NMI in the transition to the new version of ISO 17034:2016 (planning for the preparation of presentations and external audits of the COOMET quality Forum)
- Updating of the NMI QMS documents in connection with the transition to the new version of ISO 17034:2016 (main requirements)

27th meeting of the Technical Committee (TC 3.1) COOMET Quality Forum

The 27th meeting of the Technical Committee (TC 3.1) of the COOMET Quality Forum was held on 30.09.2019 in Gebze, Turkey on the basis of TÜBITAK UME.

Main topics of the meeting:

- According to the Policy and plan of the Technical Committee of the COOMET quality Forum for the transition to ISO 17034: 2016 and ISO / IEC 17025: 2017, VNIIOFI (Russia), VNIIM (Russia), UNIIM (Russia), KazInMetr (Kazakhstan), BelGIM (Belarus), and Ukrmetrteststandart (Ukraine) provided the TC 3.1 Secretariat with local transition plans and reports on the transition plans to ISO 17034:2016.

All the above-mentioned NMI provided their plans and reports on time.

The plans were adopted by TC 3.1 members at the 26th TC 3.1 meeting in Chisinau.

NMI reports on the implementation of ISO 17034: 2016 **were approved and accepted** by TC 3.1 members

- VNIIM (Russia), VNIIOFI (Russia), BelGIM (Belarus), Ukrmetrteststandart (Ukraine), UNIIM (Russia), KazInMetr (Kazakhstan) in accordance with the Policy and plan of the Technical Committee of the COOMET quality Forum for the transition to ISO 17034:2016 provided written presentations.

It was decided to accept all the NMI's written presentations with minor clarifications.

Members of TC 3.1 decided to allow the above mentioned NMI to make oral presentations of the QMS at the COOMET quality Forum

- According to the Policy and plan of the Technical Committee of the COOMET quality Forum for the transition to ISO 17034:2016 and ISO / IEC 17025:2017, NMI / NI recognized by COOMET provided the TC 3.1 Secretariat with local plans for the transition to ISO/IEC 17025:2017.

Azmi (Azerbaijan), CENTIS (Cuba) and CPHR (Cuba) did not send local plans for the transition to ISO/IEC 17025:2017 at the time of the TC 3.1 meeting.

It was decided to send letters to Mr. Abbasov and Ms. Fernandez Rodriguez, members of the COOMET Committee, requesting transition plans within two weeks. Later, the plans were received.

20th meeting of the COOMET Quality Forum

The 20th meeting of the COOMET Quality Forum was held from 30.09.2019 to 02.10.2019 in Gebze, Turkey on the basis of TÜBITAK UME.

The Forum was attended by 34 participants from 12 COOMET countries: Azerbaijan, Belarus, Bosnia and Herzegovina, Georgia, Germany, Kazakhstan, Moldova, Russia, Slovakia, Turkey, Ukraine and Uzbekistan.

Oral presentations were made on the presentation of the QMS and implementation of plans for the transition to the new version of ISO 17034:2016 standard by the following NMIs:

BelGIM (Belarus)
 UNIIM (Russia)
 VNIIOFI (Russia)
 VNIIM (Russia)
 Ukrmetrteststandart (Ukraine)
 KazInMetr (Kazakhstan)

DECISION:

BelGIM (Belarus), KazInMetr (Kazakhstan), UNIIM (Russia), Ukrmetrteststandart (Ukraine), VNIIM (Russia), VNIIOFI (Russia) with the vocation of COOMET under ISO Guide 34 successfully completed the plan to switch to the ISO 17034:2016 version.

The above-mentioned NMIs were awarded certificates for the new version of ISO 17034:2016 without changing the validity period of the ISO Guide 34 certificate.

Plans for 2020

The plan for peer review of NMI/DI is shown in tables 1 and 2.

ISO/IEC 17025:2017 (Tab 1)

NMI/DI	Confirmation	Validity date	Metrological areas
VNIIM (Russia)	QSF-R39	27.08.2020	AUV, EM, L, RI, T, M, QM
VNIIOFI (Russia)	QSF-R34	27.08.2020	PR, QM
VNIIFTRI (Russia)	QSF-R36	27.08.2020	AUV, EM, RI, T, M, QM, TF
VNIIMS (Russia)	QSF-R38	27.08.2020	L, EM
KazInMetr (Қазақстан)	QSF-R50	27.08.2020	EM, M, L, QM, T, TF

ISO 17034:2016 (Tab 2)

NMI/DI	Confirmation	Validity date	Metrological areas
VNIIM (Russia)	QSF-R63	27.08.2020	Gases; Organic solutions; Inorganic solutions; Electrolytic conductivity
VNIIOFI (Russia)	QSF-R64	27.08.2020	Inorganic solutions; Metal and metal alloys; Biological fluids and materials

Recognition of the QMS NMI /DI COOMET

Data on NMI/NI QMS recognition are shown in tables 3 and 4.

Tab 3, ISO/IEC 17025

NMI/DI	Confirmation	Date	Validity date	Metrological areas
VNIIM (Russia)	QSF-R39	27.08.2015	27.08.2020	AUV, EM, L, RI, T, M, QM
VNIIOFI (Russia)	QSF-R34	27.08.2015	27.08.2020	PR, QM
VNIIFTRI (Russia)	QSF-R36	27.08.2015	27.08.2020	AUV, EM, RI, T, M, QM, TF
VNIIMS (Russia)	QSF-R38	27.08.2015	27.08.2020	L, EM
BelGIM (Belarus)	QSF-R40	10.05.2016	10.05.2021	AUV, EM, RI, T, M, QM, TF, L, PR
NSC "Institute of Metrology" (Ukraine)	QSF-R44	10.05.2016	10.05.2021	EM, RI, T, M, TF, L, PR
SE "Ukrmetrtest-standard" (Ukraine)	QSF-R42	10.05.2016	10.05.2021	AUV, EM, M, L, PR, QM
SNiIM (Russia)	QSF-R45	15.02.2017	15.02.2022	EM
SE "NDI Systema" (Ukraine)	QSF-R46	15.02.2017	15.02.2022	AUV
UNIIM (Russia)	QSF-R47	15.02.2017	15.02.2022	EM, T, L, QM, M
INIMET (Cuba)	QSF-R56	04.10.2018	04.10.2023	M, L, QM, T, TF
CENTIS (Cuba)	QSF-R55	04.10.2018	04.10.2023	RI
CPHR (Cuba)	QSF-R57	04.10.2018	04.10.2023	RI
SE "Ivano-Frankivskstandart-metrologia" (Ukraine)	QSF-R54	04.10.2018	04.10.2023	M
KazInMetr (Kazakhstan)	QSF-R50	15.02.2017	27.08.2020	EM, M, L, QM, T, TF
VNIIR (Russia)	QSF-R49	15.02.2017	15.02.2022	M
INM (Moldova)	QSF-R52	31.01.2018	31.01.2023	EM, T, RI, M, L, PR
GeoSTM (Georgia)	QSF-R58	04.10.2018	04.10.2023	EM, M, T, RI, L
AzMI (Azerbaijan)	QSF-R53	31.01.2018	31.01.2023	T, RI, EM, M

Tab 4, ISO 17034:2016

NMI/DI	Confirmation	Date	Validity date	Metrological areas
VNIIM (Russia)	QSF-R63	02.10.2019	27.08.2020	Gases; Organic solutions; Inorganic solutions; Electrolytic conductivity
VNIIOFI (Russia)	QSF-R64	02.10.2019	27.08.2020	Inorganic solutions; Metal and metal alloys; Biological fluids and materials
BelGIM (Belarus)	QSF-R59	02.10.2019	10.05.2021	Gases; pH; Electrolytic conductivity
Ukrmetrteststandart (Ukraine)	QSF-R61	02.10.2019	10.05.2021	Gases; pH; Electrolytic conductivity
UNIIM (Russia)	QSF-R62	02.10.2019	15.02.2022	High purity chemicals; Organic solutions; Inorganic solutions; Advanced materials; Food; Surfaces, films and engineered nanomaterials
KazInMetr (Kazakhstan)	QSF-R60	02.10.2019	15.02.2022	Gases; pH