About Technical Committee on standardization No.103 “Greenhouse gas management” and
ISO/TC 207/SC 7/WG 4 Quantification and reporting of greenhouse gas emissions and removals at organizational level
14th Plenary meeting in Berlin results

June 2019 г
VOLUNTARY ASSOCIATION of interested enterprises and organizations, representatives of the public and executive authorities

AIM: to organize and carry out work at the national, regional and international level on standardization in the field of greenhouse gas management.
What opportunities has the enterprise, associated with TC 103 “Greenhouse gases management”

➢ **Up-to-date** information on technical regulations (mandatory rules), standards being developed;

➢ **The possibility of submitting proposals and comments** to the partner countries draft regulations mentioned above in order to prevent technical barriers and discriminatory requirements;

➢ **In case of non-acceptance of comments**, the possibility of resolving the issue at the WTO Committee on Technical barriers in Trade.
In 2008 year TC 103 “Greenhouse gas management” proposed following standards to the 2019 National Standardization Plan:

- 1 Greenhouse gases — Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals

- 2 Greenhouse gases — Part 2: Specification with guidance at the project level for quantification, monitoring and reporting of greenhouse gas emission reductions or removal enhancements

- 3 Greenhouse gases — Part 3: Specification with guidance for the verification and validation of greenhouse gas statements

- 4 ISO 14067 Greenhouse gases — Carbon footprint of products — Requirements and guidelines for quantification

- 5 ISO 14080 Greenhouse gas management and related activities — Framework and principles for methodologies on climate actions

- In December 2019, 3 standards will be updated, and 2 standards will be introduced for the first time in the national standards database
<table>
<thead>
<tr>
<th>Rule Description</th>
<th>Document Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Legislative base</strong></td>
<td></td>
</tr>
<tr>
<td>Republic of Kazakhstan Law No. 603-II “On technical regulation”, 9 of November, 2014 year</td>
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<tr>
<td>Rules for the development of state standardization plans (Order No. 41 of April 23, 2010)</td>
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<tr>
<td>Rules for the development, harmonization, accounting, approval, examination, modification, cancellation and implementation of national standards, preliminary national standards, classifiers of technical and economic information, except for military standards for goods (products), work and services of military and dual-use (Order No. 495 of December 23, 2010)</td>
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<tr>
<td>Rules for the establishment, operation and liquidation of technical standardization committees (Order No. 42 of April 23, 2010)</td>
<td></td>
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<tr>
<td>Rules of accounting and application of international, regional standards and standards of foreign states, standards of organizations, classifiers of technical and economic information, rules, norms and recommendations of foreign states on standardization, confirmation of conformity and accreditation on the territory of the Republic of Kazakhstan, except for application of them in standards of organizations (Order No. 491 of December 27, 2012)</td>
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</tbody>
</table>
## Standardization law base

### Standardization basic standards

<table>
<thead>
<tr>
<th>ST RK 1.1</th>
<th>ST RK 1.2</th>
<th>ST RK 1.5</th>
<th>ST RK 1.7</th>
<th>ST RK 1.9</th>
<th>ST RK 1.15</th>
<th>ST RK 1.27</th>
<th>ST RK 1.33</th>
</tr>
</thead>
</table>

### Scope

This standard sets out the basic terms used in the activity standardization and related activities carried out within the framework of the Technical regulation system of the Republic of Kazakhstan.

The terms set forth in this standard shall apply in the legal, technical, and organizational management, documentation, scientific, technical, and reference literature.

If in the national and inter-State standards in force in the Republic of Kazakhstan, for the same concepts, terms other than the terms of the present are applied, it is advisable to work with the terms and definitions of this standard.

This standard applies to technical committees on standardization, technical committees on standardization and technical committees on standardization and terminology standards. The standard describes the connections between objects, concepts terminology systems, and sets out basic principles, symbols and definitions. And concrete understanding of these principles requires some experience in the field of Installed technical, administrative and other fields of knowledge.

### This standard sets the order of creation and technical committees on standardization, technical committees on standardization and technical committees on standardization and terminology standards. The standard describes the connections between objects, concepts terminology systems, and sets out basic principles, symbols and definitions. And concrete understanding of these principles requires some experience in the field of Installed technical, administrative and other fields of knowledge.

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If in the national and inter-State standards in force in the Republic of Kazakhstan, for the same concepts, terms other than the terms of the present are applied, it is advisable to work with the terms and definitions of this standard.

This standard applies to national standards and changes to them, preliminary national standards and sets the development procedures, reconciliation, approval, accounting, registration, updates (changes, revision), application, cancellation and amendment of standards.

The provisions of this standard shall apply to the public authorities, technical committees on standardization, individual and legal persons regardless of forms of ownership with their direct participation in the planning of work on state standardization.

This standard does not apply when planning standardization work defense products.

This standard establishes procedures and methods:

- the adoption of international, regional standards and standards in foreign states as national standards and provisional standards, as well as the requirements for their construction, presentation, design, content;
- application of rules, regulations, recommendations on standardization and standards organizations, classifications of technical and economic information of foreign states, Planned for use in the territory of the Republic of Kazakhstan.

This standard sets the requirements for the order of formation, Approval, implementation, modifications and additions to Plans standardization, as well as the financing of work on Standards included in the Plan.

The requirements of this standard shall be applied to the development, preparation of the national standards and revisions thereto, as well as national standards.

This standard establishes general requirements for the construction, presentation, national standards and draft Standards of the Republic of Kazakhstan. The provisions of this standard shall be applied in the development, preparation of the national standards and revisions thereto, as well as national standards.

This standard applies to activity in the territory of the Republic of Kazakhstan and involved in the development, expertise and application standards.

This standard applies to the planning of work on state standardization, for the same concepts, terms other than the terms of the present are applied.

This standard sets the order of creation and technical committees on standardization, technical committees on standardization and technical committees on standardization and terminology standards. The standard describes the connections between objects, concepts terminology systems, and sets out basic principles, symbols and definitions. And concrete understanding of these principles requires some experience in the field of Installed technical, administrative and other fields of knowledge.

This standard applies to projects and existing regulatory ones standardization documents and draft changes to Standards to be adopted on the territory of the Republic of Kazakhstan, and establishes the procedure for conducting an examination to them. This standard does not apply to consortium standards, non-governmental standards, accounting standards, military standards at goods (products), military and dual-use services.
Technical Committee on standardization

A consultative and advisory body established in the economic sectors on a voluntary basis to develop standards and to participate in the establishment of a state system of technical regulation on fixed standards or areas of activity.

The TC consists of representatives of government bodies, associations (if available), research, project and technological institutes, project bureaus and organizations, producers and consumers, as well as other interested parties with scientific and technical capabilities and experience in relevant fields of activity.

The TC, depending on the level of work performed, is divided into technical committees of the Republic of Kazakhstan (TC), interstate technical committees (ITC), technical committees of the international organization for standardization (ISO TC) and the International Electrotechnical Commission (IEC TC).
Order Application with the justification for the TC

Declaration of TC prepared in arbitrary form

The full and abbreviated name of the legal entity on the basis of which the establishment of the TC is proposed, agreed to maintain the TC secretariat with detailed information on its activities and opportunities for the establishment of the TC working environment

List of standardization objects assigned to the TC or the TC area of activity

Program of work for the current year and/or for the future

List of members of TC with written consent to participate in the work of TC

A copy of the charter (notarized in case of non-submission of the original for reconciliation) of the organization on the basis of which the TC is proposed

Authorized body in the field of technical regulation

30 days
Annual TC meetings

Analysis of TC activities

TC plans monitoring

Order for the establishment

Assigning a number and name for TC

Introduction to the Register of the TC on standardization

Authorized body in the field of technical regulation (Ministry of industry and infrastructural development of the Republic Of Kazakhstan Technical regulation and metrology committee)

TC folder actualization

Harmonization of TC structure and position
Technical Committee on Standardization

- Participation in annual TC meetings
- Preparation of the report on the activities of TC on the results of the half-year
- Preparation and execution of annual TC plans
- Creation request
- Adoption of the structure and position of the TC
- Secretariat
- Establishment of one or more subcommittees in more narrow areas than for TC
- Creation temporary workgroups within a TC
- Preparation of the report on the activities of TC on the results of the half-year
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<table>
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<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preparation of proposals for basic directions of ST RK development on fixed objects of standardization and directions of activity</td>
</tr>
<tr>
<td>Participation in development and examination of normative documents on standardization</td>
</tr>
<tr>
<td>Preparation of proposals for ST RK programs on development of normative legal acts in the field of technical regulation and national standards</td>
</tr>
<tr>
<td>Preparation of proposals for annual Wok Plans on state standardization</td>
</tr>
<tr>
<td>Voting on ISO standards in the automated information system</td>
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<tr>
<td>Organization of monitoring and evaluation of the approved National Standard application not later than 3 months before the expiry of the first term for the purpose of its processing into the national standard</td>
</tr>
<tr>
<td>Monitoring of the standards developed by TC</td>
</tr>
<tr>
<td>Preparation of proposals on cancellation of normative documents on standardization in the republic</td>
</tr>
<tr>
<td>Preparation of proposals and carrying out of works on unification and harmonization of normative documents on standardization applied in the republic with interstate, international, regional and national standards and documents on standardization of foreign countries</td>
</tr>
<tr>
<td>Assessment of technical level and level of standardization achieved on objects assigned to TC</td>
</tr>
</tbody>
</table>
There are 7 stages of project development, each of which has the corresponding status (according to ISO/IEC Directives: 

*Part 1 Procedures for the technical work and*

*Part 2 Rules for the structure and drafting of International Standards*.

1. PWI — Project Work Item;
2. NP — New Proposal;
3. WD — Working Draft;
4. CD — Committee Draft;
5. DIS — Draft International Standard;
6. CDV — Committee Draft Voting;
The most labor-intensive type of work is the development of the first edition of the standard and its final revision, taking into account the opinion of the coordinating organizations. At this stage, the project is being worked out by technical experts. All other procedures are related to the procedure of standard development in accordance with the established procedure.

The development of standards considers the basic Principles of WTO and in compliance with the Code of good Practice.
The procedure of TC interaction

- Manufacturers and consumers
  - Proposals for standards development
- Public authorities
  - Discussion of state standardization plans
- Educational community
  - Development of draft standards
- Expert community
  - Adoption and application of standards

Discussion platform:
- Organizing forums (through websites, round tables and business forums)
- Collaboration with technical experts

The national chamber of entrepreneurs of the RK “Atameken”, Associations
The procedure for interaction with international and technical committees

Technical Committee on Standardization

Draft International standards submitting

Application signed by the TC Chairman

Authorized body in the field of technical regulation

Foreign language specialist in accordance with the official language of the international organizations ISO and IEC to translate the draft standards from the ISO/TC secretariat and IEC/TC

Standards viewing

Participation in the development of international standards

Granting experts and observers to participate in the development of standards

Preparation of the conclusion at the voting stages on draft standards
<table>
<thead>
<tr>
<th>Standards and / or project under the direct responsibility ISO / TC 207 / SC 7 Secretariat</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISO 14064-1 Greenhouse gases — Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals</td>
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<td>ISO 14064-3 Greenhouse gases — Part 3: Specification with guidance for the verification and validation of greenhouse gas statements</td>
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<tr>
<td>ISO 14065 Greenhouse gases — Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition</td>
</tr>
<tr>
<td>ISO 14066:2011 Greenhouse gases — Competence requirements for greenhouse gas validation teams and verification teams</td>
</tr>
<tr>
<td>ISO 14067 Greenhouse gases — Carbon footprint of products — Requirements and guidelines for quantification</td>
</tr>
<tr>
<td>ISO 14069 Greenhouse gases — Quantification and reporting of greenhouse gas emissions for organizations — Guidance for the application of ISO 14064-1</td>
</tr>
</tbody>
</table>
Economic growth:
- trade facilitation;
- convergence of economies;
- electronic business;
- dissemination of new technologies;
- good commercial practice.

Environmental protection:
- environmental management;
- quality of production (water, soil, air);
- organization of collection and disposal of waste;
- greenhouse gas emissions and limit measurement;
- marking.

Social protection:
- consumer protection;
- health;
- fair competition;
- labor protection;
- security.

Resource Saving:
- creation of new production facilities;
- marking of buildings and structures;
- information distribution and awareness raising;
- creation incentives for innovation and investment in existing buildings.

TC MISSION:
Participation of a wide range of people and obtaining consensus in the process of standards adoption
The ISO/TC 207 Technical Committee set future CHALLENGES for achieving the Sustainable Development Goals:

Goal 9: Industry, innovation and infrastructure;
Goal 11: Sustainable cities and communities;
Goal 12: Responsible consumption and production;
Goal 13: Climate action;
Goal 15: Life on land.

The principle of carbon neutrality means a zero-balance of greenhouse gas emissions. There are about 30 types of environmental labeling concerning the carbon neutrality of the product.
ISO/TC 207
Environmental management

ABOUT

SECRETARIAT: SCC
Committee Manager: Ms Vanessa Mitchell
Chairperson (until end 2020): Ms Shella Leggett
Vice chairperson (until end 2022): Mr Daniel Trillos
ISO Technical Programme Manager [TPM]: Mr José Alcorta
ISO Editorial Programme Manager [EPM]: Ms Nicole Perou
Creation date: 1993

SCOPE

Standardization in the field of environmental management systems and tools in support of sustainable development.
The opening ceremony of the
27TH PLENARY MEETING OF THE TECHNICAL
COMMITTEE ISO/TC 207 "Environmental management"
was held on
June 03, 2019 in Berlin, Germany

- The importance of interaction of government organizations with standardization institutions
- The Role of standardization in achieving Sustainable Development Goals.

Svinja Schulz, Minister of Environment
Christoph Winterhalter, Executive Director of The German Institute for Standardization DIN
Sheila Leggett, Chairman of ISO/TC 207
Dr. Günther Bachmann, Executive Secretary of the Council for long-term Development
Daniel Trillos, Vice-Chairman of ISO/TC 207
Beatriz Martins Carneiro, United Nations Environment Program,
Lorenza Jachia, United Nations Economic Commission for Europe,
Bernhard Schwager, Robert Bosch GmbH
Björn Erik Lönn, the Chairman of the GEN
Participants
France - AFNOR Association Française de Normalisation;
Great Britain - BSI British Standards Institution;
USA - ANSI American National Standards Institute;
Canada - SCC Standards Council of Canada;
Mexico - DGN Dirección General de Normas;
Italy - UNI Italian Organization for Standardization;
Thailand - TISI Thai Industrial Standards Institute;
Brazil - ABNT Brazilian National Standards Organization;
Mongolia - MASM The Mongolian Agency for Standardization and Metrology.
Resolution 1. To consider all comments of its members on the results of the meeting in Foshan, China (November, 2018, 313 comments, including 45 technical).

Resolution 2. To update some tables and figures and bibliography according to comments;
- Annex E, developed by experts from France, will be sent to the experts of the Working Party for approval by the end of June and will be included in the Technical Report ISO 14069 until 31 August 2019;

Resolution 3. To agree with the fixed period of 8 weeks (making critical comments) after the secretariat has provided an updated version of the Technical Report and a draft of the ISO 14069 no later than 15 November 2019.

Resolution 4. To pay special attention to the conceptual instrument of the Technical Report ISO 14069 in order to avoid discrepancies in the interrelated standards of series 14060 and ISO 14001 and ISO 9001.
ISO 19694-1

«Stationary source emissions - Determination of greenhouse gas (GHG) emissions in energy-intensive industries - Part 1: General aspects» Working Draft

On June 04, 2019 was held a meeting of the joint working group WG1 to consider the ISO 19694-1 «Stationary source emissions - Determination of greenhouse gas (GHG) emissions in energy-intensive industries - Part 1: General aspects» working draft.
TC 207 Environmental management and TC 146 Air quality members.

After the technical works on the project, it is planned to publish 6 more parts on specific production:
Part 2: Iron and steel industry
Part 3: Cement industry
Part 4: Aluminium industry
Part 5: Lime industry
Part 6: Ferroalloy industry

Now all the parts are compliance with ISO 14064-1 and are in operation of TC 146 Air Quality / SC 1 Emissions of stationary sources.
The Technical Committee ISO/TC 207 “Environmental management” consists of 10 working groups and 6 subcommittees.

**Working groups:**

1. ISO/TC 207/CAG 0 Chairman’s advisory group;
2. ISO/TC 207/DCCG Developing Countries Coordination Group;
3. ISO/TC 207/STTF Spanish translation task force;
4. ISO/TC 207/TCG Terminology Coordination Group;
5. ISO/TC 207/TG 1 Sustainable Finance Coordination;
6. ISO/TC 207/TG 2 Circular economy coordination;
8. ISO/TC 207/WG 9 Land degradation and desertification;
9. ISO/TC 207/WG 10 Environmentally conscious design;
The Technical Committee ISO/TC 207 “Environmental management” consists of 10 working groups and 6 subcommittees.

Subcommittees:

1. ISO/TC 207/SC 1 Environmental management systems: ISO 14002-1 – Guidelines for applying the ISO 14001 framework to environmental aspects and environmental conditions by environmental topic areas; ISO/CD 14009 Environmental management system: Guidelines for incorporating redesign of products and components to improve material circulation
2. ISO/TC 207/SC 2 Environmental auditing and related environmental investigations: ISO 14015 Environmental management - Environmental assessment of sites and organizations
3. ISO/TC 207/SC 3 Environmental labelling;
5. ISO/TC 207/SC 7 Greenhouse gas management and related activities;
ISO/TC 207/SC 7 Greenhouse gas management and related activities consist of:

2. ISO/TC 207/SC 7/TG 1 Mitigation;
3. ISO/TC 207/SC 7/TG 2 Adaptation;
5. ISO/TC 207/SC 7/WG 4 Quantification and reporting of greenhouse gas emissions and removals at organizational level;
6. ISO/TC 207/SC 7/WG 5 Quantification, monitoring and reporting of greenhouse gas emission reductions or removal enhancements for projects;

В свою очередь ПК 7 ISO/TC 207/SC 7 Greenhouse gas management and related activities (Парниковые газы и смежные виды деятельности имеет 12 рабочих групп в своей структуре):
Take part in our work!