



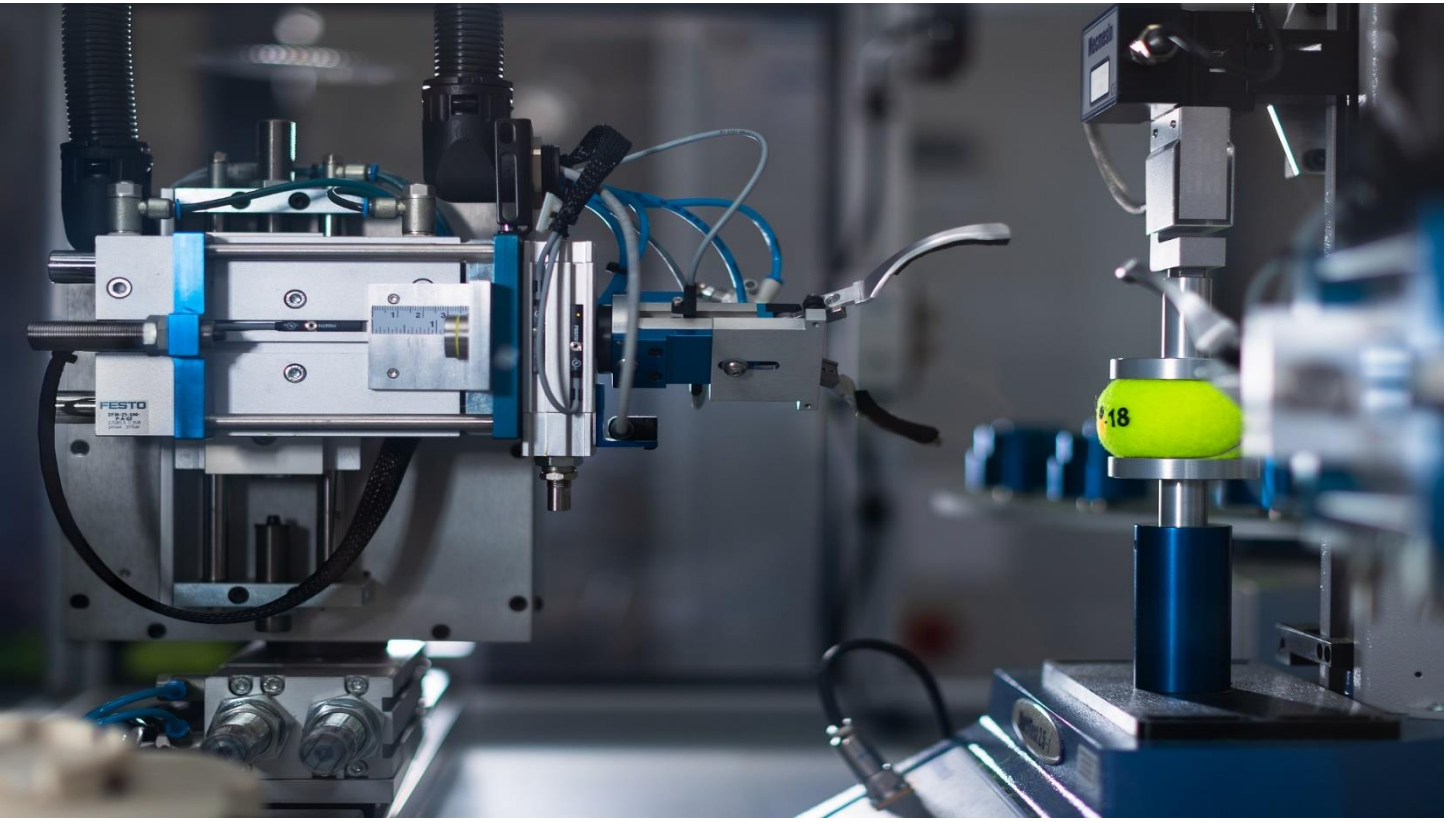
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Conformity assessment sector analysis for identification of the final ACAA scope (second stage)

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Chisinau, Republic of Moldova

Introduction

This Conformity assessment sector analysis has been developed in accordance with the ToR for the Activity “*COMPONENT 1: QUALITY INFRASTRUCTURE. Activity 1.7: Support in the implementation of the ACAA plan*”. The objective of this Activity is to support the Quality Infrastructure Department of the Ministry of Economy and Infrastructure in identification of the sectors feasible for the Agreement on Conformity Assessment and Acceptance of Industrial Products (ACAA).

Before signing the ACAA, Republic of Moldova has to fulfill 4 conditions¹:

- Adequate infrastructure in the fields of standardization, accreditation, conformity assessment and metrology;
- Adoption of the relevant part of the acquis;
- Regulatory co-operation and technical assistance;
- Formal agreement between the European Union (EU) and the partner country setting out the relationship.

Also, before starting the negotiations for signing the ACAA, Republic of Moldova should select the priority sectors for which the negotiations will take place.

In order to identify the priority sectors for negotiation and signing the ACAA, in November 2019 the “Industry analysis for identification of the potential scope for signing ACAA with European Union and Republic of Moldova” was performed. At this first stage, the 11 pre-selected sectors² were analyzed from the economic point of view (the statistical data on the production, export and import of the products from these sectors have been analyzed) and 6 priority sectors representing the greatest interest for Moldovan economy were identified. These 6 sectors are the following:

1. Low voltage equipment;
2. Machinery;
3. Personal protective equipment;
4. Measuring instruments;
5. Non-automatic weighing instruments;
6. Cosmetics.

This Conformity assessment sector analysis represents the second stage of identification of the sectors which will form the final ACAA scope. At this stage, the 6 identified priority sectors were assessed regarding their compliance with the EU requirements: adequate infrastructure in the fields of standardization, accreditation, conformity assessment and metrology; adoption of the relevant part of the acquis.

Disclaimer: The author accepts sole responsibility for this report, drawn up on behalf of the European Commission. This report does not necessarily reflect the views of the European Commission.

Picture source: www.pixabay.com

¹ For more details, see Chapter 3 from the Commission Staff Working Paper „Agreements on Conformity Assessment and Acceptance of Industrial Products (ACAAs)”, Brussels, 25.08.2004, SEC(2004)1071

² These 11 sectors have been identified by the Ministry of Economy and Infrastructure

Summary

Within this Conformity assessment sector analysis, the 6 identified priority sectors have been assessed regarding the compliance with the EU requirements (second stage). The assessed sectors are the following:

1. Low voltage equipment;
2. Machinery;
3. Personal protective equipment;
4. Measuring instruments;
5. Non-automatic weighing instruments;
6. Cosmetics.

Each sector has been assessed in terms of the following criteria:

- Transposition of the EU vertical legislation;
- Implementation of the harmonized European standards;
- Organizational and technical preparedness of the institutional infrastructure (Notifying Authorities; Accreditation body; Conformity assessment bodies (CABs); Metrology; Standardization body; Market surveillance; Industry).

Also, has been assessed the transposition of the EU horizontal legislation. A series of gaps in conformity assessment sector have been identified and the relevant recommendations for improvement have been provided.

As the result of this comprehensive analysis of the Conformity assessment sector, the final ACAA scope has been identified (the most relevant sectors for negotiation and signing the ACAA). These sectors are: ***“Cosmetics products”*** and ***“Personal protective equipment”***.

“Cosmetics products” and “Personal protective equipment” sectors have a significant importance for Moldovan economy in terms of value of production manufactured, value of export, export growth potential. “Cosmetics products” sector is the traditional one for Moldova, the “Personal protective equipment” sector is quite new, but is closely linked with the textiles, clothing and footwear sectors, which are also traditional for Moldova.

Also, for these 2 sectors the highest level of compliance with the EU requirements has been identified and the effort to bring the national system (legislation, conformity assessment organizational and technical infrastructure) in line with the EU requirements is appropriate to the economic and strategic effect that the Republic of Moldova will obtain after signing the ACAA for these sectors.

1. Identification of the final scope for signing the ACAA. Approach and methodology

1.1. Approach

The Conformity assessment sector analysis regarding the identification of the final ACAA scope (sectors for signing the ACAA) has been performed starting from the following basic assumptions:

- Previously, the 6 sectors which are the most relevant for the Republic of Moldova have been identified during the first stage of identification of the final ACAA scope (see the “Industry analysis for identification of the potential scope for signing ACAA with European Union and Republic of Moldova”). These sectors have been identified both from the economic point of view (the perspective of increasing production and exports), as well as from the perspective of the simplicity of negotiation, signing and implementation of the ACAA. It is expected that based on the identified sectors, the process of negotiation, signing and implementation of the ACAA will be "piloted" (in particular, it will "test" for the first time the RM's compliance with the EU requirements mentioned in the “Introduction”). The fact of signing ACAA also has a major political role for the Republic of Moldova – this will prove that the reforms in the field of quality infrastructure have been carried out successfully.
- In the medium/long term perspective, it is expected that the ACAA scope will be extended and will cover all possible and relevant sectors for the Republic of Moldova. Therefore, the initial inclusion in the ACAA of a smaller number of sectors does not affect the other sectors, which will be included later.

According to the art. 174 of the Republic of Moldova – EU Association Agreement (RM-EU AA), the ACAA will finally include all the sectors mentioned in the Annex XVI to the Association Agreement. In order to assess the feasibility and select the sectors for launching the process of negotiation and signing of the ACAA, the Ministry of Economy and Infrastructure has pre-selected 11 sectors, for which the Industry analysis has been carried out and the most relevant 6 above-mentioned sectors have been identified. These 6 sectors have been assessed within this Conformity assessment sector analysis.

1.2. Methodology

The Industry and the conformity assessment sector analysis and the identification of the products to be included in the final ACAA scope have been carried out in 2 stages:

1) at the **first stage**, in November 2019 the 11 pre-selected sectors have been analyzed from the economic point of view (the statistical data on the production, export and import of the products from these sectors have been analyzed) and the 6 priority sectors representing the greatest interest for the Moldovan economy have been identified.

The results of the first stage are presented in the Report “Industry analysis for identification of the potential scope for signing ACAA with European Union and Republic of Moldova”³.

2) at the **second stage**, the Conformity assessment sector analysis has been performed. This analysis has been performed for the 6 priority sectors, which have been identified at the first stage:

1. Low voltage equipment;
2. Machinery;
3. Personal protective equipment;
4. Measuring instruments;
5. Non-automatic weighing instruments;
6. Cosmetics.

³ The Report can be obtained from the Ministry of Economy and Infrastructure, Department Quality Infrastructure

The 6 identified priority sectors were assessed regarding their compliance with the EU requirements: adequate infrastructure in the fields of standardization, accreditation, conformity assessment and metrology; adoption of the relevant part of the acquis.

Each sector has been assessed in terms of the following general criteria:

- Transposition of the EU vertical legislation;
- Implementation of the harmonized European standards;
- Organizational and technical preparedness of the institutional infrastructure (Notifying Authorities; Accreditation body; Conformity assessment bodies (CABs); Metrology; Standardization body; Market surveillance; Industry).

For analysis of the conformity assessment sector different tools have been applied: desk review, site visits to the local manufacturers, manufacturers questioning.

Due to the COVID-19 pandemic and the introduction of the exceptional state by the [Parliament Decision no. 55 of 17.02.2020 "Regarding the declaration of the state of emergency"](#), the questioning of the manufacturers was not possible to perform within this Analysis⁴. The conclusions and recommendations in this Analysis will be based on the results of the desk review, results obtained within other projects, as well as on the author's experience. The beneficiary of this Analysis (Ministry of Economy and Infrastructure) can perform by itself the questioning of the manufacturers and make the necessary conclusions, after the pandemic.

Finally, for initiation of the negotiations on signing the ACAA will be identified 2-3 sectors that successfully passed the 2 stages mentioned above: they represents priority sectors for national economy and, at the same time, the Republic of Moldova (RM) fulfill the EU requirements, or the effort to bring the national system (legislation, conformity assessment organizational and technical infrastructure) in line with the EU requirements is appropriate to the economic and strategic effect that the RM will obtain after signing the ACAA for these sectors.

⁴ Until the declaration of a state of emergency, it was possible to question only one company in the "Cosmetics products" sector.

2. Transposition of the EU legislation

2.1. Generalities

The process of harmonization of the legislation of the Republic of Moldova with the legislation of the EU (transposition of European legislation) was initially regulated by Government Decision no. 1345/2006 “On the harmonization of the legislation of the Republic of Moldova with the community legislation”, which was subsequently replaced by the [Government Decision no. 1171 of 28.11.2018 “For the approval of the Regulation on the harmonization of the legislation of the Republic of Moldova with the legislation of the European Union”](#).

In accordance with art. 12 (4) of this Regulation, in the process of harmonization of the legislation of the Republic of Moldova with the legislation of the EU, the draft normative act aimed at harmonizing the legislation must contain the harmonization clause, which indicates the degree of transposition of the EU legislation. Also, the corresponding draft normative act is mandatory subject to the expertise of compatibility with the legislation of the EU, carried out by the Center for Harmonization of Legislation, subdivision of the State Chancellery.

For the purpose of this Analysis, the degree of transposition of the European legislation is considered the one indicated in the harmonization clause of the Technical Regulation of the Republic of Moldova, without performing the additional analysis of the normative act. For example, the indication in the harmonization clause of the phrase "transposes the Directive/Regulation" means that the transposition is full, but the phrase "partially transposes" means, accordingly, the partial transposition of the European normative act or the full transposition of the relevant for the Republic of Moldova provisions of the EU legislation.

At the same time, if the normative act of the Republic of Moldova transposes the previous/replaced version of the European legislative act, it is considered that the normative act of the Republic of Moldova formally does not transpose the current version of the European legislative act.

This Analysis aims to determine whether the European Directive/Regulation is fully or partially transposed into national law. The analysis does not aim to perform gap analysis to identify provisions that are not transposed or are incorrectly transposed.

Chapter 2.1.2. presents the situation regarding the transposition of European horizontal legislation into national legislation and the degree of transposition.

Chapter 2.1.3. presents the situation regarding the transposition of European vertical legislation into national legislation and the degree of transposition.

It should be noted that at present all national procedures (pre-market authorizations etc.) in conflict with European ones are eliminated.

2.2. Transposition of the EU horizontal legislation

Table 1 – Transposition of the EU horizontal legislation

EU legislation	RM legislation which transposes EU legislation	Degree of transposition	Notes
Regulation (EC) No 765/2008 of the European Parliament and of the Council of 9 July 2008 setting out the requirements for accreditation and market surveillance relating to the marketing of products and	Law no. 235 of 01.12.2011 “On accreditation and conformity assessment activities”	Compatible	In the Law is mentioned that it is compatible with the Regulation

repealing Regulation (EEC) No 339/93			
Decision No 768/2008/EC of the European Parliament and of the Council of 9 July 2008 on a common framework for the marketing of products, and repealing Council Decision 93/465/EEC	Law no. 235 of 01.12.2011 "On accreditation and conformity assessment activities"	Compatible	In the Law is mentioned that it is compatible with the Decision
Regulation (EU) No 1025/2012 of the European Parliament and of the Council of 25 October 2012 on European standardisation, amending Council Directives 89/686/EEC and 93/15/EEC and Directives 94/9/EC, 94/25/EC, 95/16/EC, 97/23/EC, 98/34/EC, 2004/22/EC, 2007/23/EC, 2009/23/EC and 2009/105/EC of the European Parliament and of the Council and repealing Council Decision 87/95/EEC and Decision No 1673/2006/EC of the European Parliament and of the Council	Law no. 20 of 04.03.2016 "On national standardization"	Full transposition	—
Directive 2001/95/EC of the European Parliament and of the Council of 3 December 2001 on general product safety	Law no. 422 of 22.12.2006 "On general product safety"	Compatible	The Law does not provide information about the degree of transposition. Thus, it is considered that the law is compatible with Directive

2.3. Transposition of the EU vertical legislation

2.3.1. Low voltage equipment

Table 2 – Moldovan legislation which transposes EU legislation in the field of “Low voltage equipment”

EU legislation	RM legislation which transposes EU legislation	Degree of transposition	Notes
Directive 2014/35/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits	Government Decision no. 745 of 26.10.2015 for the approval of the technical regulation "Providing on the market of the electrical equipment intended for use within certain voltage limits"	Full transposition	—

2.3.2. Machinery

Table 3 – Moldovan legislation which transposes EU legislation in the field of “Machinery”

EU legislation	RM legislation which transposes EU legislation	Degree of transposition	Notes
Directive 2006/42/EC of the European Parliament and of the Council of 17 May 2006 on machinery, and amending Directive 95/16/EC (recast)	Government Decision no. 130 of 21.02.2014 regarding the approval of the technical regulation “Industrial machinery”	Full transposition	—

2.3.3. Personal protective equipment

Table 4 – Moldovan legislation which transposes EU legislation in the field of “Personal protective equipment”

EU legislation	RM legislation which transposes EU legislation	Degree of transposition	Notes
Council Directive 89/686/EEC of 21 December 1989 on the approximation of the laws of the Member States relating to personal protective equipment	Government Decision no. 1289 of 02.12.2016 for the approval of the Technical Regulation regarding the personal protective equipment	Full transposition	<p>Government Decision no. 1289 of 02.12.2016 transposes Council Directive 89/686/EEC of 21 December 1989 on the approximation of the laws of the Member States relating to personal protective equipment, which has been replaced by the Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC</p> <p>The Directive 89/686 is mentioned in the Annex XVI to the RM-EU AA, as the EU legislative act that should be mandatory transposed. After the corresponding adjustment of the Annex XVI the Regulation (EU)</p>

			2016/425 will be transposed in the national legislation
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2.3.4. Measuring instruments

Table 5 – Moldovan legislation which transposes EU legislation in the field of “Measuring instruments”

EU legislation	RM legislation which transposes EU legislation	Degree of transposition	Notes
Directive 2014/32/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of measuring instruments (recast)	Government Decision no. 408 of 16.06.2015 for the approval of the Technical Regulation regarding the making available on the market of the measuring instruments	Full transposition	Technical Regulation transposes all the provisions of the Directive 2014/32 which are relevant for the RM, taking into account its statute (not EU member)

2.3.5. Non-automatic weighing instruments

Table 6 – Moldovan legislation which transposes EU legislation in the field of “Non-automatic weighing instruments”

EU legislation	RM legislation which transposes EU legislation	Degree of transposition	Notes
Directive 2014/31/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of non-automatic weighing instruments	Government Decision no. 267 of 08.04.2014 for the approval of the Technical Regulation regarding non-automatic weighing instruments	Full transposition	Technical Regulation transposes all the provisions of the Directive 2014/31 which are relevant for the RM, taking into account its statute (not EU member)

2.3.6. Cosmetics

Table 7 – Moldovan legislation which transposes EU legislation in the field of “Cosmetics”

EU legislation	RM legislation which transposes EU legislation	Degree of transposition	Notes
Regulation (EC) No 1223/2009 of the European Parliament and of the Council of 30 November 2009 on cosmetic products	Government Decision no. 1207 of 02.11.2016 for the approval of the Sanitary Regulation on cosmetic products	Partial transposition	According to the Regulation it <u>transposes partially</u> the Regulation (EC) No 1223/2009. Within the DCFTA Project, a Gap Analysis of the Government Decision no. 1207/2016 has been performed and the necessary adjustments have been developed.
First Commission Directive 80/1335/EEC of 22 December 1980 on the approximation of the laws of the Member States relating to methods of analysis necessary for checking the composition of cosmetic products	Annex 10 to the sanitary Regulation on cosmetic products, approved by the Government Decision no. 1207 of 02.11.2016	Full transposition	—
Second Commission Directive 82/434/EEC of 14 May 1982 on the approximation of the Laws of the Member States relating to methods	Annex 11 to the sanitary Regulation on cosmetic products, approved by the Government Decision no. 1207 of 02.11.2016	Full transposition	—

of analysis necessary for checking the composition of cosmetic products			
Third Commission Directive 83/514/EEC of 27 September 1983 on the approximation of the laws of the Member States relating to methods of analysis necessary for checking the composition of cosmetic products	Annex 12 to the sanitary Regulation on cosmetic products, approved by the Government Decision no. 1207 of 02.11.2016	Full transposition	—
Fourth Commission Directive 85/490/EEC of 11 October 1985 on the approximation of the laws of the Member States relating to methods of analysis necessary for checking the composition of cosmetic products	Annex 13 to the sanitary Regulation on cosmetic products, approved by the Government Decision no. 1207 of 02.11.2016	Full transposition	—
Fifth Commission Directive 93/73/EEC of 9 September 1993 on the methods of analysis necessary for checking composition of cosmetic products	Annex 14 to the sanitary Regulation on cosmetic products, approved by the Government Decision no. 1207 of 02.11.2016	Full transposition	—
Sixth Commission Directive 95/32/EC of 7 July 1995 relating to methods of analysis necessary for checking the composition of cosmetic products	Annex 15 to the sanitary Regulation on cosmetic products, approved by the Government Decision no. 1207 of 02.11.2016	Full transposition	—
Seventh Commission Directive 96/45/EC of 2 July 1996 relating to methods of analysis necessary for checking the composition of cosmetic products	Annex 16 to the sanitary Regulation on cosmetic products, approved by the Government Decision no. 1207 of 02.11.2016	Full transposition	—

2.3.7. Conclusions and recommendations

Conclusions:

- 1) All EU horizontal legislation is transposed into national legislation. The degree of transposition is quite high.
- 2) Just in 1 of 6 sectors analyzed (“Cosmetics”), European legislation is partially transposed. In the other sectors, European legislation is fully transposed.
- 3) The process of harmonization of national legislation with EU acquis is well regulated in terms of methodology and timing⁵.
- 4) National legal rules (such as pre-market authorization schemes etc.) in conflict with European ones do not exist.

Recommendations:

- 1) Regulators must ensure that European legislation in the pre-selected sectors for the negotiation and signing of the ACAA (see Chapter 5.2.) is transposed fully and in a reasonable term.
- 2) Regulators must ensure that the current versions of European legislation are transposed into national law (especially in the “Personal protective equipment” sector), after the corresponding adjustment of the Annex XVI to the RM-EU AA.

⁵ See [Government Decision no. 1472 of 30.12.2016 “On the approval of the National Action Plan for the implementation of the Association Agreement between the Republic of Moldova and the European Union in the period 2017–2019”](#) and [Government Decision no. 636 of 11.12.2019 “On the approval of the Government action plan for the period 2020-2023”](#)

3. Implementation of the harmonized European standards

3.1. Generalities

A harmonized European standard (hEN) is a European standard developed by a recognized European Standards Organization (European Committee for Standardization – CEN; European Committee for Electrotechnical Standardization – CENELEC; European Telecommunications Standards Institute – ETSI) following a request from the European Commission to one of these organizations. The references of harmonized standards are published in the Official Journal of the European Union (OJEU).

Within the framework of the “New Approach” harmonized European standards are used to provide presumption of conformity to “Essential requirements” of the Directives/Regulations. The “Essential requirements” are mandatory. However, products that comply with harmonized European standards cited in the OJEU under a New Approach Directive/Regulation benefit from a presumption of conformity with the Essential requirements of that New Approach Directive/Regulation. Manufacturers, other economic operators, or conformity assessment bodies can use harmonized European standards to demonstrate that products, services, or processes comply with relevant EU legislation.

The adoption of harmonized European standards as Moldovan standards and approval by the regulatory authorities of the lists of these standards is a mandatory condition for the effective implementation of European legislation transposed into national law.

At the moment, 100% of the European harmonized standards are adopted as Moldovan standards (see Chapter 4.5. for more details).

Harmonized European standards are approved only in 3 official languages: English, German and French. In order to facilitate the application of these standards, it is recommended to translate them into Romanian or Russian language (languages spoken on the territory of the Republic of Moldova). Translation of the harmonized European standards in national language is not mandatory. The Institute for Standardization of Moldova continuously applies various tools and procedures to increase the number of harmonized European standards available in Romanian or Russian (see Chapter 4.5.). At present, the situation regarding the availability of harmonized European standards in Romanian is as follows:

Table 8 – Availability of harmonized European standards in Romanian language

Sector	Total number of existing harmonized European standards*	Rate of harmonized European standards adopted as Moldovan standards and available in Romanian language (RO), %***
Low voltage equipment (LVD)	776	81%
Machinery (MD)	1 112	54%
Personal protective equipment (PPE)	173	74%
Measuring instruments (MID)	19	42%
Non-automatic weighing instruments (NAWI)	1 + OIML**	0%
Cosmetics	1	0%

* The total number of harmonized European standards is taken from the Summary List published on the European Commission's website. In this table, the basic harmonized standard and all existing amendments/corrigendum to it are considered as a single harmonized European standard. This number may be different from the number of standards published in the Republic of Moldova due to not taking the last list of harmonized European standards published in the OJEU

** In the sector of non-automatic weighing instruments, the normative documents of the International Organization of Legal Metrology (OIML), the references to which are published in OJEU, also apply.

*** According to the data presented by ISM. The remaining part of standards is available only in original language (English, French and German). Translation of the harmonized European standards in Romanian language is not mandatory

General information on the withdrawal of conflicting national standards (GOST standards) with harmonized European standards is presented in the Chapter 4.5.

Chapters 3.2.-3.7 present the situation regarding the publication of the lists of Moldovan standards that adopt harmonized European standards.

3.2. Low voltage equipment

Table 9 – Publication of the lists of Moldovan standards that adopt harmonized European standards in the field of "Low voltage equipment"

List of harmonized European standards published in the OJEU	List of Moldovan standards	Degree of transposition	Notes
Commission communication in the framework of the implementation of Directive 2014/35/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits (recast)	Order of the Minister of economy and infrastructure no. 555 of 28.11.2018 regarding the updating of the List of harmonized standards under the Technical Regulation "Making available on the market of electrical equipment intended for use within certain voltage limits"	Full transposition	—
Commission Implementing Decision (EU) 2019/1956 of 26 November 2019 on the harmonised standards for electrical equipment designed for use within certain voltage limits and drafted in support of Directive 2014/35/EU of the European Parliament and of the Council C/2019/8192	—	Not transposed	Commission Implementing Decision was approved later than the latest List of Moldovan standards adopting European harmonized standards

3.3. Machinery

Table 10 – Publication of the lists of Moldovan standards that adopt harmonized European standards in the field of "Machinery"

List of harmonized European standards published in the OJEU	List of Moldovan standards	Degree of transposition	Notes
Commission communication in the framework of the implementation of the Directive 2006/42/EC of the European Parliament and of the Council of 17 May 2006 on machinery, and amending Directive 95/16/EC (recast)	Order of the Minister of economy no. 4 of 20.01.2015 regarding the approval of the List of Moldovan standards adopting European standards harmonized with the Technical Regulation "Industrial machinery" Order of the Minister of economy and infrastructure no. 475 of 08.10.2018 regarding the amendment of Order no. 4 of January 20, 2015	Full transposition	—
Commission Implementing Decision (EU) 2019/436 of 18 March 2019 on the harmonised standards for machinery drafted in support of Directive 2006/42/EC of the European Parliament and of the Council C/2019/1932	—	Not transposed	Commission Implementing Decision was approved later than the latest List of Moldovan standards adopting European harmonized standards
Commission Implementing Decision (EU) 2019/1766 of 23 October 2019 amending Implementing Decision (EU) 2019/436 as regards harmonised	—	Not transposed	Commission Implementing Decision was approved later than the latest List of Moldovan standards

standard EN ISO 19085-3:2017 for numerically controlled boring and routing machines			adopting European harmonized standards
Commission Implementing Decision (EU) 2019/1863 of 6 November 2019 amending and correcting Implementing Decision (EU) 2019/436 as regards the withdrawal of references of harmonised standards for machinery from the Official Journal of the European Union	—	Not transposed	Commission Implementing Decision was approved later than the latest List of Moldovan standards adopting European harmonized standards
Commission Implementing Decision (EU) 2020/480 of 1 April 2020 amending Implementing Decision (EU) 2019/436 on harmonised standards for machinery drafted in support of Directive 2006/42/EC	—	Not transposed	Commission Implementing Decision was approved later than the latest List of Moldovan standards adopting European harmonized standards

3.4. Personal protective equipment

Table 11 – Publication of the lists of Moldovan standards that adopt harmonized European standards in the field of "Personal protective equipment"

List of harmonized European standards published in the OJEU	List of Moldovan standards	Degree of transposition	Notes
Commission communication in the framework of the implementation of Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC	Order of the Minister of internal affairs no. 208 of 03.08.2011 regarding the approval of the List of standards related to the Technical Regulation "Security requirements regarding the personal protection equipment"	Partially transposed	Commission communication was approved later than the latest List of Moldovan standards adopting European harmonized standards. Order of the Minister of internal affairs no. 208/2011 approves the list of harmonized European standards published by the European commission under the Directive 89/686/EEC and some of the harmonized European standards still apply
Corrigendum to Commission communication in the framework of the implementation of Regulation (EU) 2016/425 of the European Parliament and of the Council on personal protective equipment and repealing Council Directive 89/686/EEC	—	Not transposed	—

3.5. Measuring instruments

Table 12 – Publication of the lists of Moldovan standards that adopt harmonized European standards in the field of "Measuring instruments"

List of harmonized European standards published in the OJEU	List of Moldovan standards	Degree of transposition	Notes
Commission communication in the framework of the implementation of the Directive 2004/22/EC of the	Order of the Minister of economy no. 129 of 28.06.2016 regarding the approval of the List of	Full transposition	—

European Parliament and of the Council on measuring instruments	Moldovan standards adopting harmonized European standards for the technical regulation regarding the measuring instruments		
List of the references to normative documents published by the Organisation Internationale de la Métrologie Légale (OIML) and cited in the Official Journal of the European Union	Order of the Minister of economy and infrastructure no. 509 of 23.10.2018 regarding the modification of the Order of the Ministry of Economy no. 129 of June 28, 2016	Full transposition	—

3.6. Non-automatic weighing instruments

Table 13 – Publication of the lists of Moldovan standards that adopt harmonized European standards in the field of "Non-automatic weighing instruments"

List of harmonized European standards published in the OJEU	List of Moldovan standards	Degree of transposition	Notes
Commission communication in the framework of the implementation of Directive 2014/31/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of non-automatic weighing instruments (recast)	Order of the Minister of economy no. 08 of 17.01.2017 regarding the approval of the harmonized standard for the Technical Regulation regarding non-automatic weighing appliances Order of the Minister of economy and infrastructure no. 405 of 10.08.2018 on the modification of the List of Moldovan standards adopting harmonized European standards for non-automatic weighing appliances	Full transposition	—

3.7. Cosmetics

Table 14 – Publication of the lists of Moldovan standards that adopt harmonized European standards in the field of "Cosmetics"

List of harmonized European standards published in the OJEU	List of Moldovan standards	Degree of transposition	Notes
Commission communication in the framework of the implementation of Regulation (EC) No 1223/2009 of the European Parliament and of the Council of 30 November 2009 on cosmetic products	—	Full transposition	<p>The Commission communication contains one single harmonised standard: EN ISO 22716:2007 Cosmetics — Good Manufacturing Practices (GMP) — Guidelines on Good Manufacturing Practices (ISO 22716:2007).</p> <p>This standard is adopted as Moldovan standard SM EN ISO 22716:2015.</p> <p>The Sanitary Regulation on cosmetic products, approved by the Government Decision no. 1207 of 02.11.2016, contains general/indirect reference on harmonised European standards and there is no</p>

			specific normative act with the reference on the standard SM EN ISO 22716:2015. In order to avoid confusions, the direct reference to this standard should be explicitly inserted in the Sanitary Regulation or published as a distinct normative act (order of the regulatory authority),
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3.8. Conclusions and recommendations

Conclusions:

- 1) 100% of harmonized European standards are adopted as Moldovan standards. A part of the harmonized European standards are available in Romanian language, and another part only in original language (English, French and German).
- 2) Several lists of harmonized European standards published in the OJEU are not transposed in local legislation by the regulatory authorities of the Republic of Moldova.
- 3) From the lists of harmonized European standards published in the Republic of Moldova it is not possible to identify which list of standards published in the OJEU is transposed – in the national normative act approving the list there is no reference to the European normative act.

Recommendations:

- 1) It is necessary to ensure that the latest lists of harmonized European standards published in the OJEU (with all existing amendments and corrigendum) are transposed in local legislation by Moldovan regulatory authorities.
- 2) In the national normative act approving the list of harmonized European standards it is necessary to introduce the harmonization clause – the reference to the decisions of the European Commission (number and date of issuance) approving the lists of harmonized European standards. This is necessary in order to ensure the traceability of the process of transposing the lists of harmonized European standards into national law.

4. Organizational and technical preparedness of the institutional infrastructure

4.1. Notifying Authorities

Notification⁶ is the act of the notifying authority informing the European Commission and the other Member States of the EU that a conformity assessment body has been designated to carry out conformity assessment according to a EU harmonisation act (Directive, Regulation), and fulfils the requirements relating to notified bodies set out in that EU harmonisation act. Member States take the final responsibility for the competence of their notified bodies with respect to the other Member States and the EU institutions.

A notifying authority⁷ is the governmental or public body that is tasked with designating and notifying conformity assessment bodies under EU harmonisation legislation. Most often it is the national administration responsible for the implementation and management of the EU harmonisation act under which the body is notified. Each Member State must designate a notifying authority to be responsible for the assessment, notification and monitoring of conformity assessment bodies. The notifying authority assumes full responsibility for the competence of the bodies it notifies.

Each Member State must establish its notifying authorities in such a way that there is no conflict of interest with conformity assessment bodies. They must be organised and operated so as to safeguard the objectivity and impartiality of their activities. Each decision relating to notification of a conformity assessment body must be taken by competent persons different from those who carried out the assessment.

Member States take the final responsibility for the competence of their notified bodies with respect to the other Member States and the EU institutions. They must therefore verify the competence of the bodies seeking notification, based on the criteria laid down in the applicable EU harmonisation legislation in conjunction with essential requirements and the conformity assessment procedure(s) in question. In general, the competence criteria set out in the EU harmonisation acts cover:

- availability of personnel and equipment,
- independence and impartiality in relation to those directly or indirectly concerned with the product (such as the designer, the manufacturer, the manufacturer's authorised representative, the supplier, the assembler, the installer, the user),
- technical competence of personnel that is relevant to the products and conformity assessment procedure in question,
- maintenance of professional secrecy and integrity, and
- subscription to civil liability insurance, unless that liability is covered by the state under national law.

The following Table presents the situation regarding the sectoral competence of the notifying authorities of the Republic of Moldova:

Table 15 – Sectoral competence of the notifying authorities of the Republic of Moldova

Sector	Technical regulation requires the intervention of a notified body (certification body)?	Regulatory authority	Notifying authority
Low voltage equipment	NO	Ministry of Economy and Infrastructure	N/A
Machinery	YES	Ministry of Economy and Infrastructure	Ministry of Economy and Infrastructure
Personal protective equipment	YES	Ministry of Internal Affairs	Ministry of Internal Affairs

⁶ Guide Commission Notice No 2016/C 272/01 of 26.07.2016 The 'Blue Guide' on the implementation of EU products rules 2016, art. 5.3.2. (pag. 82)

⁷ Idem

Measuring instruments	YES	Ministry of Economy and Infrastructure	Ministry of Economy and Infrastructure
Non-automatic weighing instruments	YES	Ministry of Economy and Infrastructure	Ministry of Economy and Infrastructure
Cosmetics	NO	Ministry of Health, Labor and Social Protection	N/A
The sectoral competence of the notifying authorities (regulatory authorities) is expressly set out in the corresponding Technical Regulation. Also, the general distribution of the regulated areas between the regulatory authorities is provided in the Annex to the Law no. 7 of 26.02.2016 "On market surveillance in relation to marketing of non-food products"			

The framework (basic/common requirements, description of the process and procedures) for notification of CABs is provided in the [Decision No 768/2008/EC of the European Parliament and of the Council of 9 July 2008 on a common framework for the marketing of products, and repealing Council Decision 93/465/EEC](#). The detailed/specific requirements are provided (if required) in the relevant EU harmonisation act (Directive, Regulation).

Art. R15 of the Annex I "Reference provisions for community harmonisation legislation for products", approved by the Decision No 768/2008/EC, establishes the following basic/common requirements relating to notifying authorities:

- 1) A notifying authority shall be established in such a way that no conflict of interest with conformity assessment bodies occurs.
- 2) A notifying authority shall be organised and operated so as to safeguard the objectivity and impartiality of its activities.
- 3) A notifying authority shall be organised in such a way that each decision relating to notification of a conformity assessment body is taken by competent persons different from those who carried out the assessment.
- 4) A notifying authority shall not offer or provide any activities that conformity assessment bodies perform or consultancy services on a commercial or competitive basis.
- 5) A notifying authority shall safeguard the confidentiality of the information it obtains.
- 6) A notifying authority shall have a sufficient number of competent personnel at its disposal for the proper performance of its tasks.

In the Republic of Moldova, the process and procedures for the recognition of CAB, including the requirements for the notifying authorities, are established in Chapter IV1 "Recognition⁸ for notification" of the [Law no. 235 of 01.12.2011 "Regarding the accreditation and conformity assessment activities"](#). This law is compatible (harmonized) with Decision No. 768/2008/EC.

At the same time, the process and procedures for the recognition of the CAB (being a stage prior to the notification stage), are also established in the [Rules for accreditation, Annex 3 "Recognition process"](#), approved by MOLDAC.

In order to assess the compliance of the notifying authorities with the criteria mentioned above, Table 16 sets out the ways to demonstrate that these criteria are met.

Table 16 – Ways to demonstrate that the notifying authorities meet the criteria set out in European legislation

Requirement	Evidence of fulfilment of the requirement
1) A notifying authority shall be established in such a way that no conflict of interest with conformity assessment bodies occurs	In order to ensure that there are no conflicts of interest with conformity assessment bodies, notifying authorities should not hold shares or other types of financial or administrative interests in a conformity assessment body.

⁸ The correct term is "designation", but the term "recognition is used in this Analysis, because it is provided in the Law no. 235/2011 (Romanian term "recunoastere")

	<p>The notifying authorities of the Republic of Moldova are the ministries, which are established and operate on the basis of Law no. 136 of 07.07.2017 "On the Government", Law no. 98 of 04.05.2012 "Regarding the specialized central public administration" and their functional regulations, approved by the Government. These normative acts exhaustively establish the functions of the ministries and do not admit the interference of the ministries in the activity of the private economic agents, except for the cases directly provided by law.</p> <p>Only 2 of all the conformity assessment bodies examined in this Analysis belong to the state (the state is their founder):</p> <p>1. IS "Center for Applied Metrology and Certification" represents the state enterprise, the attributions of founder of which are exercised by the Public Property Agency subordinated to the State Chancellery. Even though the given conformity assessment body belongs to the State, it is functionally and financially independent from the notifying authorities, which reduces the risk of conflicts of interest.</p> <p>2. The National Metrology Institute is the public institution subordinated to the Ministry of Economy and Infrastructure (the notifying authority in several fields). Even though the Law no. 235 of 01.12.2011 "Regarding accreditation and conformity assessment activities" exhaustively establishes the attributions of the notifying authorities, in the case of the conformity assessment body within the National Metrology Institute it will be necessary to further demonstrate how the risk of conflicts of interest is managed between the Ministry of Economy and Infrastructure (the notifying authority) and the conformity assessment body.</p>
<p>2) A notifying authority shall be organised and operated so as to safeguard the objectivity and impartiality of its activities</p>	<p>Article 14² lit. c) of the Law no. 235/2011 expressly establishes the obligation of notifying authorities to ensure objectivity and impartiality in making decisions regarding the recognition of conformity assessment bodies.</p> <p>The examination of applications for recognition by conformity assessment bodies addressed to the Ministry of Economy and Infrastructure (notifying authority) is carried out by a Commission, which is organized and operates in accordance with the Order of the Minister of Economy no. 6 of 27.01.2015 "On the approval of the Regulation on the organization and functioning of the Commission for examining the application for recognition of conformity assessment bodies". According to this order, the work of the Commission ensures impartiality, objectivity and competence regarding the decision of recognition. More, the Commission takes the decision to recommend to the Ministry's management the recognition of the conformity assessment body, the final decision being taken by the Ministry's management.</p> <p>A similar practice should be applied by other notifying authorities.</p>
<p>3) A notifying authority shall be organised in such a way that each decision relating to notification of a conformity assessment body is taken by competent persons different from those who carried out the assessment</p>	<p>Law no. 235/2011 establishes that only accredited conformity assessment bodies can be recognized and notified. Therefore, the assessment of the technical capabilities of the conformity assessment bodies is provided by MOLDAC, and the final decision on the recognition and notification by the staff of the notifying authorities is taken.</p> <p>Also, according to the Order of the Minister of Economy no. 6/2015, the Commission for examining the application for recognition takes the decision to recommend to the management of the Ministry the recognition of the conformity assessment body, the final decision being taken by the management of the Ministry.</p>
<p>4) A notifying authority shall not offer or provide any activities that conformity assessment bodies perform or consultancy services on a commercial or competitive basis</p>	<p>The notifying authorities of the Republic of Moldova are the ministries, which are established and operate on the basis of the Law no. 136/2017, Law no. 98/2012 and their functional regulations, approved by the Government. These normative acts exhaustively establish the functions of the ministries and do not allow the provision by the ministries of any services not specified by law.</p>
<p>5) A notifying authority shall safeguard the confidentiality of the information it obtains</p>	<p>The obligation of the notifying authorities regarding the assurance of confidentiality is established in the Law no. 235/2011 and the Order of the Minister of Economy no. 6/2015.</p>
<p>6) A notifying authority shall have a sufficient number of competent personnel at its disposal for the proper performance of its tasks</p>	<p>Each notifying authority should have in its structure a subdivision with responsibilities for the recognition and notification of conformity assessment bodies.</p>

	<p>In the case of the Ministry of Economy and Infrastructure, this subdivision is the Quality Infrastructure and Industrial Security Directorate. Also, the Order of the Minister of Economy no. 6/2015 establishes that the Commission for the examination of the application for recognition consists of 4 members.</p> <p>The number of recognitions made in recent years can also serve as an indirect indicator:</p> <ol style="list-style-type: none"> 1. Ministry of Economy and Infrastructure - 3 recognitions 2. Ministry of Internal Affairs - 0 recognitions
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Table 17 presents the result of the assessment of the notifying authorities in the light of European requirements.

Table 17 – Assessment of notifying authorities in the light of European requirements

	Ministry of Economy and Infrastructure	Ministry of Internal Affairs	Ministry of Health, Labor and Social Protection⁴
1) A notifying authority shall be established in such a way that no conflict of interest with conformity assessment bodies occurs	YES	YES	YES
2) A notifying authority shall be organised and operated so as to safeguard the objectivity and impartiality of its activities	YES	YES	YES
3) A notifying authority shall be organised in such a way that each decision relating to notification of a conformity assessment body is taken by competent persons different from those who carried out the assessment	YES	? ¹	YES
4) A notifying authority shall not offer or provide any activities that conformity assessment bodies perform or consultancy services on a commercial or competitive basis	YES	YES	YES
5) A notifying authority shall safeguard the confidentiality of the information it obtains	YES	? ²	YES
6) A notifying authority shall have a sufficient number of competent personnel at its disposal for the proper performance of its tasks	YES	? ³	? ³
<p>NOTES:</p> <p>1 As the Ministry of Internal Affairs has not carried out any recognition in recent years, it is not possible to conclude whether the corresponding requirement is met by the Ministry.</p> <p>2 Idem</p> <p>3 It is recommended that the notifying authorities set up the Commissions for the examination of the application for recognition, which shall operate on the basis of a regulation similar to that of the Commission within the Ministry of Economy and Infrastructure. This will ensure impartiality in decision making, demonstrate the existence of the necessary number of competent staff for the recognition decision.</p> <p>4 The Ministry of Health, Labor and Social Protection is included in this Analysis, because the Personal protective equipment sector should be transferred to this Ministry or to the Ministry of Economy and Infrastructure from the Ministry of Internal Affairs.</p>			

Conclusions:

- 1) The national legal framework governing the role and tasks of notifying authorities, as well as the notification process, is harmonized with European legislation. Requirements for notifying authorities are clear and well regulated by law.
- 2) The distribution of regulatory areas between authorities is clear and justified, except for the area of "Personal protective equipment", which is currently assigned to the Ministry of Internal Affairs.
- 3) Notifying authorities, in general, meet European requirements. Several notification authorities do not have internal procedures regarding the notification process or these procedures are not publicly available.

Recommendations:

- 1) The "Personal protective equipment" sector should be assigned to the other notifying authority – Ministry of Health, Labor and Social Protection or to the Ministry of Economy and Infrastructure, because this sector is not relevant for the Ministry of Internal Affairs.
- 2) Notifying authorities should develop and publish clear internal procedures regarding the notification process, especially in order to avoid the conflicts of interests and to assure that the notifying authority meet the legal requirements (impartiality, competence of personnel etc.).

4.2. Accreditation body

The accreditation activity in the Republic of Moldova is regulated by [Law no. 235 of 01.12.2011 "On accreditation and conformity assessment activities"](#), which is harmonized with the provisions of [Regulation \(EC\) No 765/2008 of the European Parliament and of the Council of 9 July 2008 setting out the requirements for accreditation and market surveillance relating to the marketing of products and repealing Regulation \(EEC\) No 339/93](#).

In accordance with art. 7 (2) of Law no. 235/2011, the National Accreditation Center of the Republic of Moldova (MOLDAC) is established as a single national accreditation body and aims to implement the state policy in the field of accreditation and conformity assessment.

MOLDAC carries out its activity in accordance with the provisions of the Regulation, approved by [Government Decision no. 77 of 25.01.2013 "On the reorganization of the State Enterprise "Accreditation Center in the field of Product Conformity Assessment"](#)". Also, in its activity MOLDAC is guided by EA, IAF, ILAC documents, the corresponding European/international standards.

MOLDAC respects in its activity the basic principles of accreditation:

- the use of unique assessment procedures, harmonized with European and international rules, for the accreditation of conformity assessment bodies;
- competence and impartiality;
- transparency, public availability and credibility;
- representation of public interests;
- free access, without discrimination, of all applicants to the accreditation process;
- independence from the possible predominance of any specific interests;
- ensuring confidentiality and maintaining professional and commercial secrecy;
- impartial examination of appeals and complaints;
- voluntary nature of accreditation.

According to the data in the Activity Report for 2017, MOLDAC staff consists of: 1) internal staff - 25 people (of which 9 chief evaluators and 2 evaluators); 2) external staff - 185 people (of which 5 chief evaluators, 85 technical evaluators, 95 technical experts).



On 05.10.2017, MOLDAC became a signatory to the Bilateral Recognition Agreement with the European Cooperation for Accreditation (EA BLA⁹), for the following accreditation schemes:

- Tests - according to the standard SM SR EN ISO/CEI 17025;
- Calibrations - according to the standard SM SR EN ISO/CEI 17025;
- Medical tests - according to the standard SM SR EN ISO 15189;
- Inspections - according to the standard SM SR EN ISO/CEI 17020;
- Product certification - according to the standard SM SR EN ISO/CEI 17065;
- Management Systems Certification - according to the standard SM SR EN ISO/CEI 17021-1.

MOLDAC has been assessed and demonstrated its competence for all accreditation schemes required for the recognition of EA BLA, including the implementation and further maintenance of the management system in accordance with the requirements of the ISO/IEC 17011 standard, related EA and ILAC/IAF documents.

⁹ The EA Bilateral Agreement (EA BLA) is a signed agreement between the EA Associate Member whereby the signatories recognize and accept the equivalence of the accreditation systems operated by the signing members, and also the reliability of the conformity assessment results provided by Conformity Assessment Bodies (CABs) accredited by the signing members. It makes the objective 'Accredited once, accepted everywhere' effective.

As a result, the Certificates issued by the CAB accredited by MOLDAC will also be recognized, namely: test/inspection reports, medical analysis bulletins, certificates of conformity, etc.

In 2019, as a result of the Peer Assessment performed by EA experts, at the meeting of EA Multilateral Agreement Council (EA MAC) was taken the decision to maintain for MOLDAC the status of signatory of EA BLA until 2023.



On 11.10.2017, MOLDAC became a signatory to the ILAC Mutual Recognition Agreement (ILAC MRA¹⁰) for the following accreditation schemes:

- Tests - according to the standard ISO/IEC 17025;
- Calibrations - according to the standard ISO/IEC 17025;
- Medical tests - according to the standard ISO 15189;
- Inspections - according to the standard ISO/IEC 17020.

As a result of the signing by MOLDAC of the ILAC Mutual Recognition Agreement (ILAC MRA), the test/inspection reports, calibration certificates and medical analysis bulletins issued by laboratories and inspection bodies accredited by MOLDAC will be recognized.



On 31.01.2019, MOLDAC became a signatory to the Memorandum of Understanding of the International Accreditation Forum (IAF MoU), as well as a signatory to the IAF MLA¹¹ Multilateral Recognition Agreement for the following schemes:

- Product Certification - according to the standard ISO/IEC 17065;
- Management Systems Certification - according to the standard ISO/IEC 17021-1.

Thus, as a result of the signing of the IAF MLA Agreement, the accreditation certificates issued by MOLDAC are equivalent and confer the same level of trust as those issued by the national accreditation bodies of the other signatory countries, including all EU Member States.

Currently, the primary objective of MOLDAC is to maintain the status of signatory of the Bilateral Recognition Agreement with the European Cooperation for Accreditation (EA BLA) and that of signatory of the Mutual Recognition Agreement with the International Cooperation for the Accreditation of Laboratories (ILAC MRA) and the Multilateral Agreement Recognition with IAF (IAF MLA).

MOLDAC actively participates in the work of European and international bodies in the field of accreditation, ensuring that the competencies of its staff are maintained at a high level. Thus, in 2017, MOLDAC participated in 14 activities organized by EA and 1 activity organized by ILAC/IAF. Within the EA, MOLDAC participates in the following Committees/Councils: Multilateral Agreement Council, Horizontal Harmonization Committee, Laboratories Committee, Certification Committee, Inspections Committee, Communication and Publication Committee.

At present, MOLDAC has accredited:

- Testing laboratories – 77;
- Calibration laboratories – 3;
- Medical laboratories – 2;

¹⁰ The ILAC MRA Agreement acts as an internationally recognized "seal of approval" to demonstrate compliance with agreed standards and requirements. Consequently, the risk is minimized, as decisions will be based on reliable test results. The duplication is also kept to a minimum, as the test and calibration data included in the product approval applications can be evaluated without retesting.

¹¹ The purpose of the IAF Multilateral Recognition Arrangement (IAF MLA) is to ensure mutual recognition of accredited certification between signatories to the MLA, and subsequently acceptance of accredited certification in many markets based on one accreditation. Accreditations granted by IAF MLA signatories are recognized worldwide based on their equivalent accreditation programs, therefore reducing costs and adding value to business and consumers.

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- Metrological verification laboratories – 7¹²;
 - Product certification bodies – 13;
 - Organic product certification bodies – 3;
 - Quality management systems certification bodies – 2;
 - Food safety management systems certification bodies – 3;
 - Inspection bodies – 8.

Conclusions:

- 1) The accreditation activity in the Republic of Moldova corresponds to European requirements and practices.
- 2) The recognition of the accreditation activity in Moldova by EA, IAF and ILAC creates the necessary premises for signing the ACAA.

Recommendations:

- 1) MOLDAC should assure the maintenance of its current status as signatory of EA BLA, ILAC MRA, IAF MLA.

¹² In fact, the Metrological verification laboratories represents inspection bodies and are accredited in accordance with the standard SM SR EN ISO/CEI 17020

4.3. Conformity assessment bodies (CABs)

In the Republic of Moldova, in the sectors covered by this Analysis, there are 8 testing laboratories and 4 accredited certification bodies (Tables 18 and 19). Detailed lists of conformity assessment bodies are presented in the Annex 1 to this Analysis.

Table 18 – Accredited testing laboratories

CAB's name	Sector / (type and no. of applied standards)*					
	Low voltage equipment	Machinery	Personal protective equipment	Measuring instruments	Non-automatic weighing instruments	Cosmetics
„Pielart-AIRIN” SRL	—	—	hEN – 1 GOST – 2	—	—	GOST – 8
National Agency for Public Health	—	GOST – 1 Other – 17	GOST – 1 Other – 6	—	—	EN – 6 GOST – 1 Other – 21
„ADD-Production” SRL	—	—	—	hEN – 1 EN – 1 Other – 12	—	—
National Metrology Institute**	—	—	—	hEN – 3	hEN – 1	—
„Certificare” SRL	hEN – 19 IEC – 1 GOST – 2	hEN – 4 GOST – 1	—	—	—	—
IS ”Center for Applied Metrology and Certification”	hEN – 12 EN – 2 IEC – 2 Other – 1	hEN – 4	—	—	—	EN – 6 GOST – 1 Other – 4
National Service of Radio Frequency Management	hEN – 3	—	—	—	—	—
”ASCHIM CI” SRL	—	—	—	—	—	GOST – 23
SA ”Viorica-Cosmetic”	—	—	—	—	—	EN – 6 ISO – 3 GOST – 21 Other – 10
<p>* EN – European standard hEN – harmonized European standard GOST – interstate standard (withdrawn), including GOST R standards (Russian Federation standards replacing GOST standards) Other – other type of normative documents (Technical Regulation, internal procedures, instructions, normatives etc.)</p> <p>** Testing of products is performed by the National Metrology Institute within its metrological laboratories, but accreditation is offered for the INM’s certification body (see the Table 19)</p>						

Table 19 – Accredited certification bodies

CAB's name	Sector/ (type and no. of applied standards)*					
	Low voltage equipment	Machinery	Personal protective equipment	Measuring instruments	Non-automatic weighing instruments	Cosmetics
IS ”Center for Applied Metrology and Certification”	hEN – 49 EN – 20 IEC – 4 GOST – 5	hEN – 19 EN – 7	hEN – 12 EN – 1 GOST – 2	—	—	—
SC „Inspectie-Certificare-Calitate” SRL	hEN – 40 EN – 1	hEN – 8 EN – 3	hEN – 2 GOST – 2 Other – 1	—	—	—
National Metrology Institute	—	—	—	hEN – 2 EN – 1	hEN – 1	—
SRL ”Technical Center for Industrial Security and Certification”	hEN – 130 EN – 29 IEC – 4 GOST – 13	hEN – 20 EN – 8	—	—	—	—
<p>* EN – European standard – non-harmonized, or harmonized and published under other Directive/Regulation</p>						

hEN – harmonized European standard
 GOST – interstate standard (withdrawn), including GOST R standards (Russian Federation standards replacing GOST standards)
 Other – other type of normative documents (Technical Regulation, internal procedures, instructions, normatives etc.)

Table 20 shows the certification schemes/modules applied by the certification bodies in the 6 sectors analyzed.

Table 20 – Certification schemes/modules applied by the certification bodies

CAB's name	Sector/ Certification module (Scheme)*					
	Low voltage equipment	Machinery	Personal protective equipment	Measuring instruments	Non-automatic weighing instruments	Cosmetics
IS "Center for Applied Metrology and Certification"	2, 1b 1b, 2 2, 3, 1b 2, 1b 1b, 2, 3	1b, 2 2, 1b	CE type examination 2, 1b, 3; 2, 1b; 2, 1b, 1a 2, 1b, 3, 1a	—	—	—
SC „Inspectie-Certificare-Calitate” SRL	1b, 2, 3 2, 1b 2, 3, 1b	2, 1b 2, 3, 1b	1b, 2, 3	—	—	—
National Metrology Institute	—	—	—	Module B, F	Module B, F	—
SRL "Technical Center for Industrial Security and Certification"	1b, 2 1b, 2, 3	1b, 2	—	—	—	—

All conformity assessment bodies indicated in the Tables above are accredited according to European standards:

- Testing laboratories – SM EN ISO/IEC 17025;
- Product certification bodies – SM SR EN ISO/IEC 17065.

In accordance with these European standards, in the process of accreditation of the conformity assessment bodies it shall be assessed the compliance of the bodies with the following requirements:

1) In the case of test laboratories:

- General requirements (impartiality; confidentiality);
- Structural requirements;
- Resource requirements (general; personnel; facilities and environmental conditions; equipment; metrological traceability; externally provided products and services);
- Process requirements;
- Management system requirements.

2) In the case of product certification bodies:

- General requirements (legal and contractual matters; management of impartiality; liability and financing; non-discriminatory conditions; confidentiality; publicly available information);
- Structural requirements (organizational structure and top management; mechanism for safeguarding impartiality);
- Resource requirements (certification body personnel; resources for evaluation);
- Process requirements;
- Management system requirements.

The fact of accreditation of these conformity assessment bodies demonstrates that the CABs meets all the requirements set out in the corresponding European standards and the standards/norms indicated in the field of accreditation (including the provision with the necessary equipment).

In recent years, a considerable number of training have been organized with the support of European technical assistance projects¹³. These training aimed at familiarizing the specialists from the country, including within the CAB, regarding the general aspects related to the RM-EU Association Agreement, the provisions and advantages of the DCFTA, the European legislation and standards applicable to specific products. Many information materials have also been developed in these and other projects, aimed at raising awareness of European legislation in specific areas. Many of these informational materials can be accessed on the website www.dcfta.md (section "electronic library").

According to the data on the MOLDAC website, 6 organizers of the Inter-Lab Comparison (ILC) are registered at national level in 4 sectors.

According to the data from the Activity Report of CMAC (the most developed CAB in the Republic of Moldova) for 2018, 85 interlaboratory comparisons were performed during that year, both nationally and internationally in various fields. Following interlaboratory comparisons, results compatible with those of the reference laboratories were obtained.

Conclusions:

- 1) In every field there is at least one accredited laboratory.
- 2) In all sectors the number of harmonized European standards indicated in the scope of accreditation is quite small, compared to the number of existing standards in the lists of harmonized standards.
- 3) In 3 areas ("Low voltage equipment", "Machinery" and "Personal protective equipment") the certification schemes are still applied, while the corresponding technical regulations provide for conformity assessment modules.
- 4) In the "Personal protective equipment" sector, the certification body within S.E. "Center for Applied Metrology and Certification", in the scope of accreditation, has indicated the same product and the same standard both in the regulated and in the voluntary areas. This duplication is not clear and should be explained or removed.
- 5) In some areas, GOST standards and other normative documents still apply, in addition to or in parallel with the European harmonized standards.
- 6) In the "Cosmetics" field the accredited laboratory does not apply European test methods (approved by European Commission, see Chapter 2.3.6.) and apply GOST standards.

Recommendations:

- 1) To clarify situation and to substitute certification schemes with relevant conformity assessment modules.
- 2) To promote/stimulate application of harmonized European standards instead of GOST standards and other national normative documents (sanitary regulations, instructions, manuals etc.).
- 3) To stimulate technical development of testing laboratories in pre-selected sectors (see Chapter 5.2.).

¹³ a) Twinning „Strengthen the standardization and metrology sector in line with best practices in EU Member States"

b) Twinning Light „EU support for the National Institute of Standardization of the Republic of Moldova in order to comply with the requirements of full member of CEN and CENELEC"

c) EU funded Project "Support to Quality Infrastructure Framework within a DCFTA context in the Republic of Moldova" and other projects (for example: TAIEX, organized by ISM)

4.4. Metrology

The metrology activity in the Republic of Moldova is regulated by [Law no. 19 of 04.03.2016 "Metrology"](#). This law transposes the provisions of the document issued by the International Organization of Legal Metrology OIML D1:2012 "Considerations for a Law on Metrology" and Directive 2009/34 / EC of the European Parliament and of the Council of 23 April 2009 on common provisions for measuring instruments and methods of metrological control¹⁴, being partially compatible with them.

In accordance with art. 4 of Law no. 19/2016, the [National Institute of Metrology \(INM\)](#) is the main element of the infrastructure of the national metrology system.

INM is a public institution subordinated to the central metrology authority (Ministry of Economy and Infrastructure), which carries out its activity according to the provisions of Law no. 19/2016 and the Regulation approved by [Government Decision no. 976 of 16.08.2016 "On the approval of the Regulation on the organization and functioning of the National Institute of Metrology"](#).

INM performs the following main functions:

1) general metrology functions:

- ensures the metrological traceability of the measurement results, performed in the Republic of Moldova, at the International System of Units (SI) by elaborating, researching, developing, maintaining and preserving national standards, compares national standards at regional and international level, as well as preserving and disseminating units legal measures from national standards to lower hierarchical standards to working standards;
- concludes and implements agreements for the mutual recognition of national standards and calibration certificates issued by national metrology institutes, in accordance with the requirements of the International Committee on Measures and Weights (CIMP MRA);
- represents the national reference for determining the technical competence in the field of metrology, including standards;
- participates, according to its competencies, in international and regional forums and organizations in the field of metrology, also exercises other functions of international collaboration in the field of metrology, delegated by the central metrology authority;
- organizes interlaboratory comparisons at national level, respecting the requirements of specific international standards.

2) legal metrology functions:

- exercises legal metrological control through model approvals, metrological verifications of measuring instruments in special situations, if only the National Institute of Metrology is technically equipped to perform them, through metrological expertise and expertise of draft normative documents in the field of legal metrology;
- submits proposals to the central metrology authority regarding the requirements for regulating the measuring instruments;
- realizes the agreements concluded with other countries regarding the recognition of the test results for the purpose of model approval, of the results of metrological verifications;
- keeps the State Register of measuring instruments;
- receives notifications in the manner provided by this law and manages the Register of natural and legal persons who repair, operate and install measuring instruments, as well as legal persons who pre-package products, produce and/or import bottles used as measuring containers, also manages the appropriate database;
- elaborates draft normative documents in the field of legal metrology, harmonized with international and regional practice;

¹⁴ The degree of correspondence of Law no. 19/2016 with European and international normative acts is estimated by the author of the law and established in art. 25 of the law

- provides methodological support to the elaboration of legal measurement procedures by the responsible authorities in the field, as well as by interested legal persons;
- provides the necessary technical support for metrological surveillance;
- forms and manages the national fund of normative documents in the field of legal metrology, also establishes the use of this fund.



The International Bureau of Measures and Weights (BIPM) is the international organization established by the Meter Convention, in which Member States collaborate in the fields of measurement and standards.

BIPM administers the formal system for demonstrating the equivalence of SI achievements at the highest level through an International Arrangement established in 1999 by the International Committee on Measures and Weights (CIPM) and called the Arrangement for Mutual Recognition of National Reference Standards and Calibration Certificates and measurements issued by the National Metrology Institutes (CIPM MRA).

The signing of this arrangement facilitates the demonstration of measurement capabilities, contributes to the reduction of technical barriers to trade generated by the measurement results, provides metrological support to the development of the national economy by:

- Mutual recognition of national standards and calibration certificates issued by INM (CIPM MRA);
- Publication of the results of key comparisons in which INM participates (KCBD);
- Publication of INM's measurement capabilities (CMC tables) on the BIPM website.

The Republic of Moldova joined the General Conference on Measures and Weights (GFCM) of the International Metrology Organization "Meter Convention" as an associate member in 2005.

The INM has been participating in the CIPM MRA since 14 November 2007.



The International Legal Metrology Organization is an intergovernmental organization that:

- Develops regulations, standards and normative documents for use by legal metrology and industry authorities,
- Provides mutual recognition systems that help remove technical barriers to trade and reduce costs in the global market.

The International Legal Metrology Organization operates with the OIML Mutual Acceptance Agreement (OIML MAA), which establishes mutual trust in the evaluation of the means of measurement by its signatories and the mutual acceptance of their evaluation results.

The Republic of Moldova has been a corresponding member of the OIML since 1995.



EURAMET is the Regional Metrology Organization in Europe.

EURAMET coordinates cooperation between the National Metrology Institutes (NMI) in Europe in areas such as metrology research, traceability of measurements to the International System of Units SI, international recognition of national standards and Measurement and Calibration Capabilities (CMC).

The Republic of Moldova became an associate member of EURAMET in 2017.

In May 2019, as a result of the initial presentation of the Management System implemented by INM within TC-Q EURAMET, obtaining the trust in functioning of the QMS according to EN ISO/IEC 17025:2017 and integrating INM in the European metrology system, at the EURAMET general assembly was unanimously voted the acceptance of INM Moldova as a full member of EURAMET.

INM participates in the following Technical Committees within the EURAMET:

- flow
- ionising radiation
- length
- mass and related quantities
- photometry and radiometry
- quality
- thermometry



WELMEC is the European cooperation in the field of legal metrology. Its members are national authorities responsible for legal metrology in the countries of the European Union and the European Free Trade Association (EFTA).

The Republic of Moldova became an associate member of WELMEC in 2017.



COOMET is the cooperation organization of the state metrological institutions of the Central and Eastern European states, and which was founded in June 1991.

COOMET's core business is cooperation on the following dimensions: physical size standards, legal metrology, accreditation and quality management systems, information and training.

The Republic of Moldova has been a full member of the regional metrology organization COOMET since 1997.

In order to ensure the metrological traceability of measurements, INM is guided by existing international practices in regional metrology organizations, namely: COOMET and EURAMET, providing dissemination activities of units of measurement, through calibration operations, under a Management System implemented in accordance with EN ISO/IEC 17025.

In accordance with the INM [Declaration on the traceability of measurements FL-05/02](#), the metrological traceability of the measurements is ensured in accordance with the criteria set out in paragraph 2, art. 1) and 3a) of the ILAC-P10: 01/2013 Policy on traceability.

INM has a Management System corresponding to the provisions of ILAC policies and regulations in the technical quality forum within COOMET and EURAMET.

INM holds National Standards (ETN), approved by MEI decisions, on the recommendation of the National Metrology Council. ETNs are sources of metrological traceability for the units of measurement that they materialize and reproduce. ETNs are either primary achievements of the unit - a situation in which they are periodically calibrated in relation to primary standards held by BIPM or other national metrology institutions signatories of the Agreement for the Mutual Recognition of National Standards and Certificates of Calibration and Measurement of the International Committee for Measures and Weights, CIPM MRA.

All measurements performed in INM laboratories are traceable to the units of the International System of SI Units through an uninterrupted and documented chain of calibrations, each contributing to the measurement uncertainty.

The modalities accepted by the Management System of INM, for ensuring metrological traceability, by taking over the units of measurement are described in PG-05 INM Metrological traceability, edition 01 of 04.06.2019, in accordance with the provisions of ILAC-P10:01/2013 policy:

- from other national metrology institutes or institutes designated for the services covered by the CIPM MRA. These services are indicated by the inclusion of the CIPM MRA logo on the calibration certificates.
- from national metrology institutes whose service is adequate for the intended purpose and is supported by evidence of competence (Annex B of the KCDB¹⁵) for at least one related CMC, but is not covered in Annex C of the BIPM KCDB or CIPM MRA because in CIPM MRA the specific category of Measurement Capabilities is not available.

Metrological traceability and measurement capabilities by domains are presented in Annex 1 to the INM Declaration on ensuring the traceability of measurements FL-05/02 (for a total of 14 metrological sub-domains).

Also, according to data from [KCDB](#), INM published 43 measurement capabilities (CMCs):

- Length (L) - 1;
- Thermometry (T) - 40;
- Ionizing Radiation (RI) - 2.

In recent years, INM staff have received a considerable amount of training¹⁶, including in European technical assistance projects. As a result, the level of professional competence of INM staff can be estimated as very high. At the moment, the INM staff consists of 75 specialists.

Conclusions:

- 1) Activities of INM are internationally recognized and this assure the ground base for negotiation and signing the ACAA.
- 2) Personnel of INM is well trained and of a high competence.
- 3) INM assure traceability of measurements in Moldova

Recommendations:

- 1) INM should continue to assure traceability of measurements in the pre-selected sectors (see Chapter 5.2.) in order to assure high quality and European recognition of tests results.

¹⁵ The KCDB – the BIPM key comparison database – supports the CIPM MRA. The KCDB contains information on the internationally recognized Calibration and Measurement Capabilities (CMCs) for services available from the participating institutes, and the key and supplementary comparisons supporting these CMCs.

¹⁶ Detailed information on the training of INM staff is set out in the INM Activity Reports (can be consulted on the INM website - www.inm.md, section "About INM, Transparency, Activity Reports")

4.5. Standardization body

The standardization activity in the Republic of Moldova is regulated by [Law no. 20 of 04.03.2016 “On national standardization”](#). This law is fully harmonized and transposes the relevant provisions for the Republic of Moldova of [Regulation \(EU\) No 1025/2012 of the European Parliament and of the Council of 25 October 2012 on European standardization](#).

According to art. 5 (2) of Law no. 20/2016, the Institute of Standardization of Moldova (ISM) is recognized as a national standardization body. The organization and functioning of ISM is regulated by [Government Decision no. 969 of 10.08.2016 “On the Regulation for the organization and functioning of the Standardization Institute of Moldova”](#). As a national standardization body, ISM is invested with the following main functions:

- establishment of the rules of national standardization;
- elaboration, approval, modification and cancellation of Moldovan standards;
- adoption of European and international standards as Moldovan standards;
- establishment, registration and coordination of the activity of the technical standardization committees;
- participation in the activity of European and international standardization and representation of the Republic of Moldova as a member in European and international standardization organizations, fulfilling its obligations as a member of the corresponding organizations.

ISM is a member and represents the Republic of Moldova in 5 European and international standardization organizations (Figure 1).

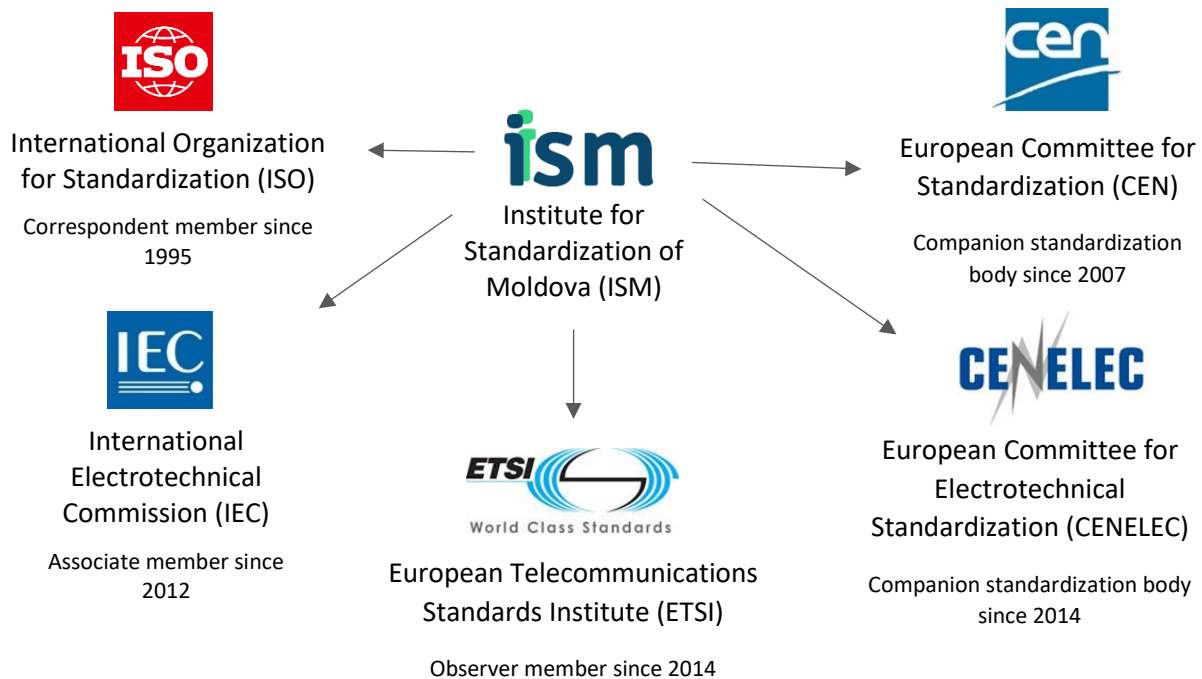


Figure 1 – ISM participation in European and international standardization

Based on its status (not being a full member), ISM has the right to participate in European and international technical committees with restricted rights. Thus, ISM participates in the following technical committees:

Table 21 – ISM participation in European and international technical standardization committees

Title of the European/international technical standardization committee	Title of the national mirror technical standardization committee	ISM status in the European / international technical standardization committee
European Committee for Standardization (CEN)		
CEN/TC 204 - Sterilization of medical devices CEN/TC 205 - Non-active medical devices	CT 33 Medical devices	Observing member (without voting rights)
CEN/TC 89 Thermal performance of buildings and building components CEN/TC 169 Light and lighting CEN/TC 228 - Heating systems and water based cooling systems in buildings	CT 49 Energy efficiency of buildings	Observing member (without voting rights)
CEN/TC 275 - Food analysis - Horizontal methods	CT 50 Vegetable raw material processing products	Observing member (without voting rights)
CEN/TC 33 Doors, windows, shutters, building hardware and curtain walling; CEN/TC 67 Ceramic tiles; CEN/TC 241 Gypsum and gypsum based products.	CT 51 Construction materials and articles	Observing member (without voting rights)
CEN/TC 250 Structural Eurocodes	CT 54 Eurocodes	Observing member (without voting rights)
CEN/TC 10 „Lifts, escalators and moving walks"	CT 59 Elevators and escalators	Observing member (without voting rights)
CEN/TC 329 Tourism services	CT 74 Tourism and related services	Observing member (without voting rights)
European Committee for Electrotechnical Standardization (CENELEC)		
—	—	—
European Telecommunications Standards Institute (ETSI)		
—	—	—
International Organization for Standardization (ISO)		
ISO/IEC JTC 1/SC 40 IT Service Management and IT Governance	CT 48 Information technology and electronic communications	Participating member (with voting rights)
ISO/TC 163/SC 2 Thermal performance and energy use in the built environment. Calculation methods	CT 49 Energy efficiency of buildings	Participating member (with voting rights)
ISO/TC 272 Forensic sciences	CT 69 Forensics	Participating member (with voting rights)
ISO/TC 301 Energy management and energy savings	CT 49 Energy efficiency of buildings	Participating member (with voting rights)
45 various international standardization technical committees	Various national technical standardization committees	Observing member (without voting rights)
International Electrotechnical Commission (IEC)		
—	—	—
The information is obtained from the official websites of the European and international standardization bodies: CEN – www.cen.eu CENELEC – www.cenelec.eu ETSI – www.etsi.org ISO – www.iso.org IEC – www.iec.ch and from the ISM website - www.standard.md , section "Standardization / Technical committees for standardization"		

In recent years (2016-2020) ISM has received substantial support from development partners (especially from the European Union) in the form of technical assistance projects, in order to strengthen its institutional capacity and align the standardization activity in the Republic of Moldova with European principles, rules and practices.

Thus, as a result of 3 implemented European¹⁷ projects, ISM aligned its internal processes and procedures with the requirements established by CEN-CENELEC for its members¹⁸ and documented these processes and procedures. At the same time, ISM implemented and certified, in 2017, the Quality Management System, according to the standard SM SR EN ISO 9001:2015, and, in 2018, it implemented and certified the Anti-Bribery Management System, according to the standard SM ISO 37001:2016.

Also, in recent years ISM staff have received a considerable amount of training¹⁹, including in the above-mentioned technical assistance projects. As a result, the level of professional competence of ISM staff can be estimated as very high. At the moment, the ISM staff consists of 29 specialists.

In 2019, after the training of ISM staff by a foreign expert on self-assessment of standardization activity according to CEN-CENELEC Guide 22 "Guide on the organizational structure and processes for the assessment of the membership criteria of CEN and CENELEC", ISM activity was self-assessed, being obtained the degree of correspondence 96.22%. The main non-compliance (criterion not met) found refers to the lack of the "European Agreement"²⁰ - the condition that is not within the competence of the ISM.

According to the data from the Activity Report for 2016, ISM planned and ensured in 2016 the adoption as Moldovan standards of the entire set (100%) of harmonized European standards. The rate of 100% adoption of harmonized European standards is still maintained by ISM. In total, according to ISM's data on 03.12.2019 in the Republic of Moldova are adopted as Moldovan standards 25 894 European standards, which is 100% of the total number of existing European standards. According to the ISM's Business Plan for 2020, this 100% adoption rate of European standards will be maintained.

Also, according to the data from the ISM Activity Reports published on its website (www.standard.md), in 2016-2018 ISM abolished 5536 GOST standards conflicting with European standards, as well as 7022 GOST outdated standards (which no longer correspond to technological progress and are not actual).

The accessibility of European standards adopted as Moldovan standards is an important concern for ISM. Despite the fact that translation of the European standards into national language is not mandatory, ISM has developed various mechanisms for publishing European standards in a language accessible to users in Moldova (Romanian or Russian). These mechanisms are as follows:

1. Taking over the European standards translated into Romanian from the Romanian Standardization Association (ASRO), based on the Cooperation Agreement between ISM and ASRO.
2. Translation of European standards into Romanian on their own, including by using the specialized software TRADOS.
3. Translation of European standards into Romanian/Russian by outsourcing services to specialized translation companies, including the use of European standards translated into Russian by CIS countries (Russian Federation, Republic of Belarus, etc.), or by using previous versions in Romanian of European standards.

¹⁷ a) Twinning „Strengthen the standardization and metrology sector in line with best practices in EU Member States”

b) Twinning Light „EU support for the National Institute of Standardization of the Republic of Moldova in order to comply with the requirements of full member of CEN and CENELEC”

c) EU funded Project “Support to Quality Infrastructure Framework within a DCFTA context in the Republic of Moldova”

¹⁸ In 2012 CEN and CENELEC agreed to establish a set of criteria for membership to be fulfilled by all national Members at all times. These criteria, formerly included in CEN-CENELEC Guide 20 “Guide on membership criteria of CEN and CENELEC”, were revised in 2017 and included under the [CEN-CENELEC Internal Regulations Part 1D “CEN and CENELEC Membership Requirements”](#). These membership criteria are complemented – and should be read in conjunction with – [CEN-CENELEC Guide 22 “Guide on the organizational structure and processes for the assessment of the membership criteria of CEN and CENELEC”](#), which describes the management of the organizational aspects of the assessment exercises, of their reporting and follow-up.

¹⁹ Detailed information on ISM staff training is set out in the ISM Activity Reports for the years 2016-2018 (can be consulted on the ISM website - www.standard.md, section “About ISM, Public Information”)

²⁰ According to the additional condition no. 8.1. “Capability of the country to become a member of EU or EFTA”, established in CEN-CENELEC Internal Regulations Part 1D “CEN and CENELEC Membership Requirements”, there must be a “Europe Agreement” (or equivalent) between EU/EFTA and the organization's candidate country, specifying a transitional period for accession to EU/EFTA. Normally, an application for full membership can be considered only if target dates for accession to the EU/EFTA have been established. At present, the Republic of Moldova has not signed such a “European Agreement” with the European Union and, accordingly, the ISM cannot meet this requirement for objective reasons.

Translation of European standards in Romanian language is regulated by the Chapter 11 of the [CEN-CENELEC Guide 10 "Policy on dissemination, sales and copyright of CENCENELEC Publications"](#).

Also, if the translation of European standards into Romanian is missing, ISM can make available to users different linguistic versions of European standards: in English, French or German, which slightly increases the language accessibility of these standards.

Conclusions:

- 1) The standardization activity in the Republic of Moldova corresponds to European requirements and practices.
- 2) The adoption of European standards is rhythmic. Currently, 100% of existing European standards are taken over, including 100% harmonized European standards, which creates the necessary premises for signing the ACAA.
- 3) The rate of harmonized European standards adopted as Moldovan standards available in Romanian (RO) is quite high (from 40% to 80%), compared to other European countries.

Recommendations:

- 1) ISM should enhance the rate of translations into Romanian language of European standards according to the CEN/CENELEC rules, in order to assure their high accessibility for Moldovan users.

4.6. Market surveillance

Market surveillance ensures that non-food products on the market do not endanger consumers and workers. It also ensures the protection of other public interests such as the environment, security and fairness in trade. It includes actions such as product withdrawals, recalls and the application of sanctions to stop the circulation of non-compliant products and/or bring them into compliance.

Market surveillance is crucial for the smooth functioning of the market. It helps to protect:

- consumers and workers against unsafe products and general non-compliance;
- businesses from unfair competition by those who ignore the rules.

In the Republic of Moldova, the market surveillance activity is regulated by the following main legislative acts:

- [Law no. 7 of 26.02.2016 "On market surveillance in relation to marketing of non-food products"](#)
- [Law no. 105 of 13.03.2003 "On consumer protection"](#);
- [Law no. 422 of 22.12.2006 "On general product safety"](#);
- [Law no. 131 of 08.06.2012 "Regarding state control over entrepreneurial activity"](#);
- Law no. 235 of 01.12.2011 "Regarding the accreditation and conformity assessment activities".

These legislative acts are harmonized with the Regulation (EC) no. 765/2008 of the European Parliament and of the Council of 9 July 2008 setting out the requirements for accreditation and market surveillance relating to the marketing of products and repealing Regulation (EEC) no. 339/93 and other relevant European legislation.

The distribution of areas of competence between different market surveillance authorities is established by the Annex to the Law no. 7 of 26.02.2016 "On market surveillance in relation to marketing of non-food products". Also, every Technical Regulation establishes in a distinct way the surveillance authority and its functions in the sector. For 6 sectors analyzed within this document the market surveillance authorities are:

Table 22 – Market surveillance authorities

Sector	Market surveillance authority
Low voltage products	Agency for Consumer Protection and Market Surveillance
Machinery	Agency for Technical Surveillance
Personal protective equipment	Civil Protection and Exceptional Situations Service* of the Ministry of Internal Affairs; State Public Health Surveillance Service
Measuring instruments	Agency for Consumer Protection and Market Surveillance
Non-automatic weighing instruments	Agency for Consumer Protection and Market Surveillance
Cosmetics products	Agency for Consumer Protection and Market Surveillance; State Public Health Surveillance Service
* The "Personal protective equipment" sector should be assigned to the other surveillance authority (for example, to the Agency for Consumer Protection and Market Surveillance)	

Agency for Consumer Protection and Market Surveillance ([ACPMS](#)) is the most important market surveillance authority (the biggest number of market sectors is covered by this Agency). The ACPMS functions and responsibilities are established by the [Government Decision no. 1089 of 18.12.2017 "On the organization and functioning of the Agency for Consumer Protection and Market Surveillance"](#).

ACPMS staff consists of 67 specialists. ACPMS staff have received several training in recent years, including within European projects (see Footnote 13, p. 25). The technical qualification level²¹ of the staff can be considered as sufficiently high.

In its activity ACPMS is also guided by the following normative acts that establish the methodological framework of the market surveillance activity:

²¹ Detailed information about training of the ACPMS staff can be found on the website www.consumator.gov.md

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- [Government Decision no. 782 of 02.08.2018 “On the approval of the Methodology of state control over entrepreneurial activity based on the risk analysis performed by the Agency for Consumer Protection and Market Surveillance”](#);
 - [Government Decision no. 1076 of 23.09.2016 “For the approval of the Regulation on cooperation procedures between market surveillance authorities and the Customs Service”](#).

It is possible to conclude that the legal and methodological framework is harmonized with European legislation and practices.

A special role in the efficiency of market surveillance is played by IT tools, including the integration of these tools into the European information system.

In the European Union the main information systems in the field of market surveillance are:

- [RAPEX](#) – Rapid Information Exchange System (The Rapid Alert System for Dangerous Non-food products). The RAPEX system enables quick exchange of information between EU/EEA member states, the UK and the European Commission about dangerous non-food products posing a risk to health and safety of consumers.
- [ICSMS](#) – Information and Communication System on Market Surveillance. The ICSMS is an IT platform to facilitate communication between market surveillance bodies in the EU and in EFTA countries. It quickly and efficiently shares information on non-compliant products, avoids the duplication of work, and speeds up the removal of unsafe products from the market.

In order to exchange information on dangerous products between market surveillance authorities, Law no. 422/2006 establishes the provisions about the system for the rapid exchange of information on dangerous products. This system works in accordance with the [Government Decision no. 1116 of 07.10.2016 “For the approval of the Regulation on the operation of the System for the rapid exchange of information on dangerous products”](#). The Government Decision no. 1116/2016 transposes into national legislation the Commission Decision no. 2010/15/EU of 16 December 2009 laying down guidelines for the management of the Community Rapid Information System RAPEX established under Article 12 and of the notification procedure established under Article 11 of Directive 2001/95/EC (the General Product Safety Directive).

In accordance with the Government Decision no. 1116/2016, ACPMS ensures the functioning of this system and is designated as the national contact point of this system, but the Ministry of Economy and Infrastructure is designated as the contact point responsible for the examination and validation of notifications.

At the moment, Republic of Moldova does not have access to the RAPEX system. Also, Republic of Moldova is not registered in the ICSMS system.

By the [Government Decision no. 637 of 06.07.2018 “On the approval of the Technical Concept of the National Automated Information and Communication System for Market Surveillance”](#) is approved the concept of the national (state) information resource, which includes systematized data in the field of market surveillance, including data on companies subject to market surveillance and on surveillance authorities of non-food products, notifications, notifications and reactions to prohibitions on placing on the market, withdrawal from the market and recall from consumers of non-food products which:

- do not meet the essential requirements;
- presents a serious risk;
- do not meet the essential requirements and, at the same time, present a serious risk.

The aims of this system are:

- providing a high-performance IT solution, used as a support for automating the activity in order to implement the provisions of the legal framework regarding market surveillance;
- supporting, in an automated manner, corrective measures for market surveillance;
- organizing the efficient interaction and exchange of information between the market surveillance authorities and the customs body through the use of information systems;

-
- the collection and operative processing of information on the traceability of non-food products, the temporary suspension, the prohibition of making products available on the market, the withdrawal of products from the market and the recall of products from consumers;
 - statistical and analytical records on the activities carried out and the measures applied by the market surveillance authorities.

From the information available on the ACPMS website, it appears that this system is not yet developed and put into operation.

Effective cross-border cooperation between market surveillance authorities in different EU countries is essential to ensure efficient, comprehensive, and consistent market surveillance. Another useful tool developed by EU is [Administrative Co-operation Groups \(AdCos\)](#) – a platform through which the European Commission facilitates discussions within AdCos composed of market surveillance experts. The purpose is to share information and cooperate on practical matters related to the implementation of EU laws. At the moment, the Republic of Moldova does not have access to this platform.

Implementation by APCMS of a quality management system (QMS), according to the EN ISO 9001 standard, would enhance the quality and effectiveness of the market surveillance activities performed by the ACPMS. Until now, the Agency has not implemented the QMS, but a number of specific procedures²² has been developed by the Agency, as a part of the internal management system:

- General procedure for market surveillance;
- General procedure for conducting consultative visits;
- Legal metrological control procedure for non-automatic weighing equipment;
- Low voltage equipment control procedure;
- The procedure for carrying out the control of industrial products and services related to the field;
- Toys control procedure;
- other administrative procedures.

Conclusions:

- 1) Moldova legislation in the field of market surveillance is harmonized with European legislation and provides enough legal basis for establishing of a system of market surveillance, according to the EU rules.
- 2) The technical experience and competence of inspectors from ACPMS seems to be sufficient in accordance with the transposed EU directives in national legislation and spheres of their obligations.
- 3) The use of IT tools in the field of market surveillance seems to be quite low.
- 4) The website of the ACPMS does not contain any information about dangerous products and, that is why, it seems that the ACPMS is involved in consumer protection mainly and quite rare on checks of industrial non-food product (market surveillance).
- 5) Customs Service of Moldova is not integrated within market surveillance yet.
- 6) There are discrepancies between different normative acts (Law no. 7/2016, [Government Decision no. 31 of 23.01.2009 "On the approval of regulated areas, regulatory authorities and bodies with market surveillance functions"](#) and [MEI order no. 3 of 09.01.2019 "On general Program of market surveillance for 2019"](#)) in terms of distribution of areas of competence between different regulatory and market surveillance authorities

Recommendations:

- 1) It is necessary to eliminate discrepancies and to clarify the situation about distribution of areas of competence between different market surveillance authorities, including to transfer the “Personal protective

²² According to the [“Report on the controls performed using the Control Procedures based on the risk assessment analysis, in the I-II quarter 2017”](#), published by the ACPMS on its website.

equipment” sector to another market surveillance authority (for example, to the Agency for Consumer Protection and Market Surveillance). The Government Decision no. 31/2009 should be abolished.

2) It is highly recommended to enhance and accelerate use of IT tools in the field of market surveillance.

3) ACPMS should be continuously trained regarding application of RAPEX and ICSMS tools.

4) QMS implementation at ACPMS would enhance effectiveness of its activities.

5) Collaboration between market surveillance authorities (when 2 authorities are responsible for one sector, for example: “Cosmetics products” sector) should be improved.

4.7. Industry

In order to identify the most important local producers in the 6 sectors under analysis, the following sources of information were used:

- List of members of the Chamber of Commerce and Industry (CCI);
- List of clients of the Institute for Standardization of Moldova (ISM);
- List of clients/beneficiaries of the Organization for Small and Medium Enterprises Sector Development (ODIMM);
- List of participants of the thematic expositions at MoldExpo;
- List of exporters from the Customs Service database (ASYCUDA database);
- Companies mentioned in publications from the www.dcfta.md web-page;
- Companies mentioned on the web-page www.madein.md;
- Companies from electronic databases of Moldovan companies (eg. www.yellowpages.md).

The most relevant source of information is the ASYCUDA database, as it contains the lists of exporters and data about each export operation (product code, value, country of destination, etc.).

Based on the information sources mentioned above, the producers with the highest export potential were identified (see Annex 2). The breakdown by sector of the number of identified producers is shown in Figure 2.

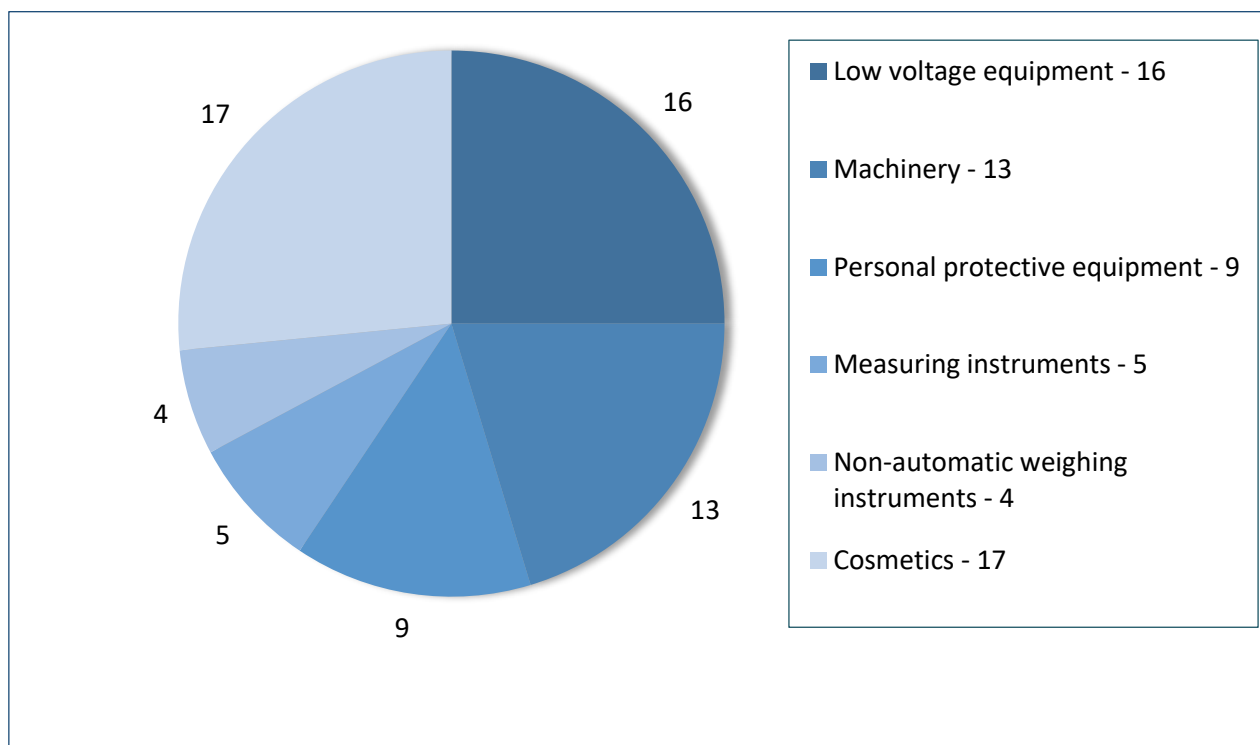


Figure 2 – Distribution by sector of the number of producers with the highest export potential identified

In recent years, a considerable number of training have been organized with the support of European technical assistance projects²³. These training aimed to familiarize specialists in the country, including local producers, on the general issues related to the RM-EU Association Agreement, the provisions and benefits

²³ a) Twinning „Strengthen the standardization and metrology sector in line with best practices in EU Member States”

b) Twinning Light „EU support for the National Institute of Standardization of the Republic of Moldova in order to comply with the requirements of full member of CEN and CENELEC”

c) EU funded Project ”Support to Quality Infrastructure Framework within a DCFTA context in the Republic of Moldova” and other projects (e.g.: TAIEX, organized by ISM)

of the DCFTA, European legislation and standards applicable to specific products. Many information materials have also been developed in these and other projects, aimed at raising awareness of European legislation and standards in specific areas. Many of these informational materials can be accessed on the website www.dcfta.md (section "electronic library").

In the process of development of this Analysis, the pre-selected producers should be questioned in order to assess their organizational and technical preparedness in the context of signing the ACAA. The evaluation of the producers should be focused on 5 main aspects:

- 1) Application of European legislation transposed into national law
- 2) Implementation of European standards' requirements in the manufacturing process
- 3) Compliance of manufactured products with European legislation and standards
- 4) Effectiveness of the awareness campaigns
- 5) Export potential in the EU

The models²⁴ of the questionnaires are presented in the Annex 3 and Annex 4.

Due to the COVID-19 pandemic and the introduction of the exceptional state by the [Parliament Decision no. 55 of 17.02.2020 "Regarding the declaration of the state of emergency"](#), the questioning of the enterprises was not possible to perform within this Analysis. The conclusions and recommendations in this chapter will be based on the results obtained within other projects²⁵, as well as on the author's experience. The beneficiary of this Analysis (Ministry of Economy and Infrastructure) can perform by itself the questioning of the enterprises and make the necessary conclusions, after the pandemic.

Until the declaration of a state of emergency, it was possible to question only one company in the "Cosmetics products" sector. The completed questionnaire is presented in the Annex 5.

Conclusions:

- 1) In recent years, many seminars and training have been organized in order to familiarize producers in general with the provisions of the Moldova-EU Association Agreement and the conditions for the establishment of the Deep and Comprehensive Free Trade Area (DCFTA). However, many producers are not fully aware of the benefits of this integration process.
- 2) The seminars and training that took place focused more on general issues (provisions of European legislation, conformity assessment procedures, etc.) and to a lower extent focused on technical issues (technical requirements for products, classifications, testing methods etc.) related to the application of harmonized European standards for specific products. For these reasons, manufacturers feel the lack of technical information that would facilitate the implementation of harmonized European standards in the production process.
- 3) Among the main challenges regarding the implementation of harmonized European standards, which are announced by producers are the following: the need for major investments in modern production technologies; the need to retrain specialists; the increase of the cost of local products due to the more demanding requirements of European standards compared to the requirements of other standards (GOST etc.). However, there are local producers, including companies with foreign capital, who have invested in upgrading the production process and produce products according to modern quality standards.
- 4) In each sector subject to analysis there is a considerable export of products on the European market, and in the "Cosmetics" sector the main producer in the Republic of Moldova – S.A. "Viorica-Cosmetic" –

²⁴ Two different types of questionnaires have been developed: one for "Cosmetics products" sector and one for other sectors, due to specifics of these sectors

²⁵ In 2016 ISM benefited from the Project "Informing the public and stakeholders about European standards adopted under "DCFTA", funded by the US Agency for International Development (USAID) and implemented by FHI36. Within this Project has been developed the Study "Implementation in the Republic of Moldova of European standards for construction products: challenges and perspectives". The results of this Study are partially valid (with some generalizations) for the sectors under analysis in this paper.

exports cosmetics exclusively to the European market. The existence of exports of products on the European market indicates that these products comply with the requirements of European standards.

- 5) Most manufacturers believe that the state should promote the implementation of European standards and, in general, the business shows low interest and involvement in implementation of European standards.

Recommendations:

- 1) In order to facilitate implementation of European standards in the production process in the selected sectors it is recommended to organize a series of training focused on technical issues (technical requirements for products, classifications, testing methods etc.) related to the application of harmonized European standards for specific products.
- 2) Different state programs on development of local business implemented by the Organization for the Development of the Small and Medium-sized Enterprise Sector (ODIMM) should contain, as a mandatory condition, the requirement of implementation of European standards by the beneficiaries of the state support. Also, other types of instruments should be applied in order to facilitate implementation of European standards.

5. Conclusions and recommendations

5.1. Gaps in conformity assessment and recommendations for improvement

During performing of this Analysis, a series of gaps in conformity assessment infrastructure have been identified. The most essential of them are presented below:

- 1) In 1 of 6 sectors analyzed ("Cosmetics"), European legislation is partially transposed. In the other sectors, European legislation is fully transposed.
- 2) Not all the lists of harmonized European standards published in the OJEU are transposed by the Moldovan regulatory authorities.
- 3) From the lists of harmonized European standards transposed in the Republic of Moldova it is not possible to identify which list of standards published by the European Commission in the OJEU is transposed – in the national normative act (order of the ministry) approving the list there is no reference to the European normative act.
- 4) In 3 sectors ("Low voltage equipment", "Machinery" and "Personal protective equipment") the certification schemes are still applied, while the corresponding technical regulations provide for conformity assessment modules.
- 5) In some sectors (especially in the "Cosmetics products" sector), GOST standards and other normative documents still apply. Also in the "Cosmetics products" sector the accredited laboratory does not apply European test methods (approved by European Commission, see Chapter 2.3.6.) and apply GOST standards.
- 6) The use of IT tools in the field of market surveillance seems to be quite low.
- 7) There are discrepancies between different normative acts (Law no. 7/2016, Government Decision no. 31/2009 and [MEI order no. 3 of 09.01.2019 "On general Program of market surveillance for 2019"](#)) in terms of distribution of areas of competence between different market surveillance authorities.

Main recommendation for improvement of the conformity assessment infrastructure are the following:

- 1) Regulatory authorities must ensure that European legislation in the pre-selected sectors for the negotiation and signing of the ACAA is transposed fully and in a reasonable term. Also, regulatory authorities must ensure that the most current versions of European legislation are transposed into national law (especially in the "Personal protective equipment" sector).
- 2) It is necessary to ensure that the latest lists of harmonized European standards published in OJEU (with all existing amendments and corrigendum) are transposed by Moldovan regulatory authorities. In the national normative act (order of the ministry) approving the list of harmonized European standards it is necessary to introduce the harmonization clause – the reference to the decisions of the European Commission (number and date of issuance) approving the lists of harmonized European standards. This is necessary in order to ensure the traceability of the process of transposing the lists of harmonized European standards into national law.
- 3) The "Personal protective equipment" sector should be assigned to the other regulatory/notifying authority – Ministry of Health, Labor and Social Protection, because this sector is not relevant for the Ministry of Internal Affairs. Also, this sector should be assigned to other market surveillance authority.
- 4) Notifying authorities should develop clear internal procedures regarding the notification process, especially in order to avoid the conflicts of interests and to assure that the notifying authority meet and how they meet the legal requirements (impartiality, competence of personnel etc.).
- 5) During the accreditation process it is necessary to clarify situation and to substitute in the accreditation scopes of the CAB's certification schemes with relevant conformity assessment modules.
- 6) To enhance and accelerate use of IT tools in the field of market surveillance. Also, ACPMS should be continuously trained regarding application of RAPEX and ICSMS tools.
- 7) To promote/stimulate application of harmonized European standards instead of GOST standards and other national normative documents (sanitary regulations, instructions, manuals etc.). Different state programs on development of local business implemented by the Organization for the Development of the Small and Medium-sized Enterprise Sector (ODIMM) should contain, as a mandatory condition, the

requirement of implementation of European standards by the beneficiaries of the state support. Also, other types of instruments should be applied in order to facilitate implementation of European standards.

- 8) To stimulate technical development of testing laboratories in the pre-selected sectors (see Chapter 5.2.).
- 9) In order to facilitate implementation of European standards in the production process in the selected sectors it is recommended to organize a series of training focused on technical issues (technical requirements for products, classifications, testing methods etc.) related to the application of harmonized European standards for specific products.

5.2. Final ACAA scope

The final ACAA scope has been established using a set of indicators:

Table 23 – Indicators for selection of the final ACAA scope

Indicator	Sector						Notes
	Low voltage equipment	Machinery	Personal protective equipment	Measuring instruments	Non-automatic weighing instruments	Cosmetics products	
Transposition of the EU vertical legislation							
Degree of transposition of the EU legislation	Full transposition	Full transposition	Formally not transposed	Partial transposition	Partial transposition	Partial transposition	For detailed information see the Chapters 2.3.1-2.3.6.
Implementation of the harmonized European standards							
Degree of adoption of harmonized EN standards as SM standards	100%	100%	100%	100%	100%	100%	—
Degree of transposition of the lists of harmonized EN standards	Nearly full transposition	Nearly full transposition	Not transposed	Full transposition	Full transposition	Nearly full transposition	For detailed information see the Chapters 3.2.-3.7.
Degree of withdrawal of conflicting GOST standards	High	High	High	High	High	High	—
Preparedness of Notifying Authorities							
Technical regulation requires the intervention of a notified body (certification body)?	NO	YES	YES	YES	YES	NO	—
Notifying authority	N/A	Ministry of Economy and Infrastructure	Ministry of Internal Affairs	Ministry of Economy and Infrastructure	Ministry of Economy and Infrastructure	N/A	The "Personal protective equipment" sector should be assigned to the other notifying authority (Ministry of Health, Labor and Social Protection, or Ministry of Economy and Infrastructure), because this sector is not relevant for the Ministry of Internal Affairs (For detailed information see the Chapter 4.1.)
Degree of preparedness of the notifying authority	—	High	Very low	High	High	—	Qualification "very low" refers to the actual notifying authority (Ministry of Internal Affairs) (For detailed information see the Chapter 4.1.)
Preparedness of Conformity assessment bodies (CABs)							
Testing laboratories							

Degree of applying of harmonized European standards	Low	Very low	Extremely low	Low	High	Medium	—
Degree of applying of GOST standards and other normative documents	Low	Very low	Very low	Low	—	High	—
Possibility to use testing facilities from other sectors	Low	Low	High	Low	Low	High	For example: <ul style="list-style-type: none"> • for testing of the personal protective equipment can be used testing equipment from textiles and construction sector etc.; • for testing of the cosmetics products can be used equipment from food products sector
Certification bodies							
Degree of applying of harmonized European standards	Medium	Extremely low	Very low	Very low	High	N/A	—
Degree of applying of GOST standards and other normative documents	Low	—	Very low	—	—	—	—
Application of conformity assessment modules	NO	NO	YES	YES	YES	N/A	—
Preparedness of Market surveillance authorities							
Market surveillance authority	Agency for Consumer Protection and Market Surveillance	Agency for Technical Surveillance	Civil Protection and Exceptional Situations Service of the Ministry of Internal Affairs; State Public Health Surveillance Service	Agency for Consumer Protection and Market Surveillance	Agency for Consumer Protection and Market Surveillance	Agency for Consumer Protection and Market Surveillance; State Public Health Surveillance Service	The Annex to the Law no. 7/2016 establishes that for the “Personal protective equipment” the market surveillance authority is the Ministry of Information Technologies and Telecommunications. This situation should be clarified
Degree of preparedness of the market surveillance authorities	Medium	Low	Very low	Medium	Medium	Medium	—
Preparedness of Industry							
Number of the producers with the highest export potential	16	13	9	5	4	17	—
Degree of applying of the harmonized European standards	N/A	N/A	N/A	N/A	N/A	N/A	Due to the COVID-19 pandemic and the introduction of the exceptional state, the questioning of the enterprises was not possible to perform within this Analysis. Thus, the degree of applying of the harmonized European

							standards could be assessed by the Ministry of Economy and Infrastructure, using the attached Questionnaire
Is the sector traditional for Moldovan economy, or is linked with other traditional sector?	NO	NO	YES	NO	NO	YES	“Cosmetics products” sector is the traditional one for Moldova, the “Personal protective equipment” sector is quite new, but is closely linked with the textiles, clothing and footwear sectors, which are also traditional for Moldova.
Export growth potential on UE market	High	Medium	Medium	High	Very low	High	—

The institutional infrastructure (accreditation, standardization, metrology) is developed equally for each sector and is high prepared for signing and implementation of the ACAA. It is suggested to implement the recommendations provided for accreditation, standardization and metrology areas in the corresponding chapters of this Analysis.

The identified sectors for negotiating and signing the ACAA are the following:

Table 24 – Identified sectors for negotiating and signing the ACAA

Identified sector	Argumentation
Cosmetics	<ul style="list-style-type: none"> • traditional sector for the RM; • high export potential; • quite high degree of preparedness of the conformity assessment infrastructure; • can be used testing facilities from other sectors (e.g.: food products sector); • significant number of local manufacturers – actual and potential exporters; • the effort for aligning the national system (legislation and infrastructure) to the European requirements is moderate.
Personal protective equipment	<ul style="list-style-type: none"> • quasi-traditional sector for the RM; • substantial export potential; • quite high degree of preparedness of the conformity assessment infrastructure; • can be used testing facilities from other sectors (e.g.: textiles, construction products sector); • significant number of local producers – actual and potential exporters; • the effort for aligning the national system (legislation and infrastructure) to the European requirements is moderate.

LIST
of Conformity Assessment Bodies (CAB) in the field of
low voltage equipment

1. National Service of Radio Frequency Management, testing laboratory
(Annex, Certificate of Accreditation # LI-045 of 21.03.2016)

1.1. Tests performed in permanent premises

#	Scope of accreditation		
	Type of test/analysis	Product name	Normative document/standard *
4. Test methods of security parameters			
4.1.	Examinations and verifications: Field of application; definitions; general test conditions; components; network adaptation; marking and instructions; protection against electric shocks and dangers of energy transfer; provisions for grounding; protection against overcurrent and grounding defects in primary circuits; security locking systems; electrical insulation; wiring, connection and power supply; connection to a power network; terminals for external conductors; separation of power from the network; interconnection of equipment; stability; conception and construction; protection against dangerous moving parts; openings at the top and at the sides	Audio, video and electronic equipment for information and communications technology, as well as equipment for solving commercial problems and office equipment with a nominal voltage of up to 600 V. Components and assemblies of these equipment.	<i>SM EN 62368-1:2015/AC:2015/A11:2017/AC:2017</i> , art. 4.1-4.3; 4.6.1; 5.1; 5.2; 5.2.1; 5.2.1; 5.3; 5.3.1; 5.3.2.1; 5.3.2.2; 5.4.1; 5.4.1.1; 5.4.1.2; 5.4.1.5; 5.4.1.5.1; 5.4.1.8.
		Transformers and autotransformers for home appliances and battery chargers, voltage stabilizers, general purpose low power transformers	<i>SM SR EN 60335-1:2014</i> , chap. 6; 7; 20; 22 (art. 22.1, 22.2, 22.4 - 22.10, 22,12 - 22.45); 23 – 27, art. 28.2 – 28.4; <i>SM SR EN 60335-2-29:2006</i> chap. 7; 22; 25
4.2.	Insulation distances by air, insulation distances on superimposed and distances through insulation	Audio, video and electronic equipment for information and communication technology, as well as equipment for solving commercial problems and office equipment with a nominal voltage of up to 600 V. Components and assemblies of these equipment.	<i>SM EN 62368-1:2015/AC:2015/A11:2017/AC:2017</i> , art. 5.4.2
		Transformers and autotransformers for home appliances and battery chargers, voltage stabilizers, low-power transformers of general purpose	<i>SM SR EN 60335-1:2014</i> , chap.29
4.3.	Resistance of earth conductors	Audio, video and electronic equipment for information and communication technology, as well as equipment for solving commercial problems and office equipment with a nominal voltage of up to 600 V. Components and assemblies of these equipment.	<i>SM EN 62368-1:2015/AC:2015/A11:2017/AC:2017</i> , art. 5.6
		Transformers and autotransformers for home appliances and battery chargers, voltage stabilizers, low-power transformers of general purpose	<i>SM SR EN 60335-1:2014</i> , art. 27.5
4.4.	Contact current Leakage current	Audio, video and electronic equipment for information and communication technology, as well as equipment for solving commercial problems and office equipment with a nominal voltage of up to 600 V Components and assemblies of these equipment	<i>SM EN 62368-1:2015/AC:2015/A11:2017/AC:2017</i> , art. 5.7
		Transformers and autotransformers for home appliances and battery chargers, voltage	<i>SM SR EN 60335-1:2014</i> , art. 13.2

		stabilizers, low-power transformers of general purpose	
4.5.	Insulation resistance and dielectric rigidity	Audio, video and electronic equipment for information and communication technology, as well as equipment for solving commercial problems and office equipment with a nominal voltage of up to 600 V Components and assemblies of these equipment	SM EN 62368-1:2015/AC:2015/A11:2017/AC:2017 , art. 5.4.9
		Transformers and autotransformers for home appliances and battery chargers, voltage stabilizers, low-power transformers of general purpose	SM SR EN 60335-1:2014 , art. 13.3
* With bold italic characters are marked harmonized EN standards, published in the Official Journal of European Union under the relevant EU legislative act (Regulation/Directive)			

2. "Certificare" SRL, testing laboratory
(Annex, Certificate of Accreditation # LI-076 of 17.06.2016)

2.1. Tests performed in permanent premises

#	Scope of accreditation				
	Type of test/analysis	Product name	Normative document/standard *		
Visual methods					
1	1 Classification 2 Marking and instructions	1 Household and electrical appliances for similar purposes	<i>SM SR EN 60335-1:2014/A11:2016/A12:2018/A13:2018</i> chap. 6, 7		
		2 Audio/video equipment and information and communication technology	<i>SM EN 62368-1: 2015/AC:2015/A11:2017/AC:2017</i> art. 4.1.15; 4.2; F.3; F.4		
		4 Automatic control devices for household appliances	<i>SM SR EN 60730-1:2010</i> , chap.6, 7		
		6 Stationary electrical equipment and systems	<i>SM SR EN 60204-1:2010/A1:2011/AC:2014</i> , chap.16;18		
		7 Luminaries	<i>SM EN 60598-1:2016/AC1:2016/AC2:2016/AC:2017/A1:2018</i> , chap. 2, 3		
		8 Apparatus for lamps	<i>SM EN 61347-1: 2016</i> chap. 6, 7		
		9 Lamps with integrated ballast for general lighting	<i>SM EN 60968:2016</i> chap.5		
		10 Fluorescent lamps with two sockets	<i>SM SR EN 61195:2010/A1:2016/A2:2016</i> art. 2.2		
		11 LED modules for general lighting	<i>SM SR EN 62031:2012/A1:2016/A2:2016</i> chap.6,7		
		12 Self-ballasted LED lamps for general lighting	<i>SM SR EN 62560:2014/A1:2016/AC:2017</i> chap.5		
		14 Industrial plugs and sockets	<i>SM SR EN 60309-1:2010/A1:2010/A2:2014/A1:2007/AC:2017</i> chap. 6, 7		
		15 Switches for fixed electrical installations for household and similar use	<i>SM SR EN 60669-1:2010/A1:2010/A2:2011</i> chap. 7, 8		
		16 Automatic switches for domestic and similar installations	<i>SM SR EN 60898-1:2010/A1:2010 /A11:2010/A13:2015/AC:2016/A12:2017</i> chap. 4, 5, 6		
		17 Low voltage devices	<i>SM SR EN 60947-1:2010/A1:2012/A2:2016</i> chap. 3, 4, 5		
		18 Low voltage assembly (stands and desks)	<i>SM SR EN 61439-1:2013</i> chap. 3, 4, 5		
		19 Boxes and enclosures for electrical appliances	<i>SM SR EN 60670-1: 2010/AC:2015/A1:2016</i> chap. 7, 8		
		20 Electrical arc welding equipment	<i>SM SR EN 60974-1:2015</i> chap. 17		
		21 Power converters used in photovoltaic systems	<i>SM SR EN 62109-1: 2012</i> chap. 5		
		22 Production equipment	GOST 12.2.003-91 art. 2.11		
		23 Wires and cables	SM CEI 60227-1: 2014 chap 3.4		
		24 Power cables	GOST 16442-80 art. 6.4		
		2	1 Protection against electric shocks 2 Stability and mechanical hazards 3 Construction 4 Start	1 Household and electrical appliances for similar purposes	<i>SM SR EN 60335-1: 2014/A11:2016/ A12:2018/A13:2018</i> chap. 8, 20, 22
				2 Automatic control devices for household appliances	<i>SM SR EN 60730-1:2010</i> chap.8, 11
				3 Audio/video equipment and information and communication technology	<i>SM EN 62368-1: 2015/AC:2015/A11:2017/AC:2017</i> art. 4.1.3÷4.1.11; 4.7; 5.3; 5.4; 8.2÷8.11; L; V.
6 Stationary electrical equipment and systems	<i>SM SR EN 60204-1:2010/A1:2011/AC:2014</i> cap. 6, 11, 14.4				
7 Luminaries	<i>SM EN 60598-1: 2016/AC1:2016/AC2:2016/AC:2017/A1:2018</i> chap. 4, 8				
8 Apparatus for lamps	<i>SM EN 61347-1: 2016</i> chap. 10, 15				
9 Production equipment	GOST 12.2.003-91 art. 2.1÷2.1.10, 2.3, 2.4				
10 Lamps with integrated ballast for general lighting	<i>SM EN 60968:2016</i> chap.7				
11 Fluorescent lamps with two sockets	<i>SM SR EN 61195:2010/A1:2016/A2:2016</i> art. 2.6				
12 LED modules for general lighting	<i>SM SR EN 62031:2012/A1:2016/A2:2016</i> chap. 10, 15				
13 Self-ballasted LED lamps for general lighting	<i>SM SR EN 62560:2014/A1:2016//AC2017</i> chap.7				
15 Industrial plugs and sockets	<i>SM SR EN 60309-1:2010/A1:2010/A2:2014/A1:2007/AC:2017</i> chap. 9, 14 - 17				
16 Switches for fixed electrical installations for household and similar use	<i>SM SR EN 60669-1:2010/A1:2010/A2:2011</i> chap.10, 13				
17 Automatic switches for domestic and similar installations	<i>SM SR EN 60898-1:2010/A1:2010 /A11:2010/A13:2015/AC:2016/A12:2017</i> art. 8.1.2; 8.2.				
18 Low voltage devices	<i>SM SR EN 60947-1:2010/A1:2012/A2:2016</i> art. 7.1.11				
19 Electrical arc welding equipment	<i>SM SR EN 60974-1:2015</i> art. 14.5, chap. 6; 15				
20 Low voltage assembly (stands and desks)	<i>SM SR EN 61439-1:2013</i> art. 7.4				
21 Boxes and enclosures for electrical appliances	<i>SM SR EN 60670-1: 2010/AC:2015/A1:2016</i> chap.10, 12				

		22 Power converters used in photovoltaic systems	SM SR EN 62109-1: 2012 chap. 7; art. 8.3
		23 Wires and cables	SM CEI 60227-1:2014 art. 5.1.2, 5.2.1, 5.2.2
		24 Power cables	GOST 16442-80 art. 2.2
3	1 Internal conductors 2 Component element 3 Mains connection and external flexible cords 4 Terminals 5 Provisions regarding the protection ground connection 6 Screws and connections	1 Household and electrical appliances for similar purposes	SM SR EN 60335-1: 2014/A11:2016/ A12:2018/A13:2018 chap. 23; 24; 25; 26; 27; 28
		2 Automatic control devices for household appliances	SM SR EN 60730-1:2010 chap.10; 19
		3 Audio/video equipment and information and communication technology	SM EN 62368-1: 2015/AC:2015/A11:2017/AC:2017 art. 4.1.2; 4.6; 5.6; G.7
		6 Stationary electrical equipment and systems	SM SR EN 60204-1:2010/A1:2011/AC:2014 art. 5.1; 5.2; 8.2; 12.1; 13.1.1; 13.2.2
		7 Luminaries	SM EN 60598-1: 2016/AC1:2016/AC2:2016/AC:2017/A1:2018 art. 5.2; 5.3; chap. 7; 14; 15;
		8 Apparatus for lamps	SM EN 61347-1: 2016 chap. 8; 9; 17
		9 LED modules for general lighting	SM SR EN 62031:2012/A1:2016/A2:2016 chap.8; chap.17
		11 Industrial plugs and sockets	SM SR EN 60309-1:2010/A1:2010/A2:2014/A1:2007/AC:2017 chap. 10; 11; 23; 25
		12 Switches for fixed electrical installations for household and similar use	SM SR EN 60669-1:2010/A1:2010/A2:2011 chap. 11; 12; 22
		13 Automatic switches for domestic and similar installations	SM SR EN 60898-1:2010/A1:2010/A11:2010/A13:2015/AC:2016/A12:2017 art. 8.1.4; 8.1.5
		14 Low voltage devices	SM SR EN 60947-1:2010/A1:2012/A2:2016 art. 7.1.3; 7.1.6; 7.1.8; 7.1.10
		15 Power converters used in photovoltaic systems	SM SR EN 62109-1: 2012 chap. 14; art. 13.2; 13.3; 13.4
		16 Boxes and enclosures for electrical appliances	SM SR EN 60670-1: 2010/AC:2015/A1:2016 chap. 11
		18 Electrical arc welding equipment	SM SR EN 60974-1:2015 chap. 10
19 Production equipment	GOST 12.2.003-91 art. 2.1.11		
Electrophysical methods			
4	1 Power and current consumed	1 Household and electrical appliances for similar purposes	SM SR EN 60335-1: 2014/A11:2016/ A12:2018/A13:2018 chap. 10
		2 Audio/video equipment and information and communication technology	SM EN 62368-1: 2015 /AC:2015/A11:2017/AC:2017 art.B.2.3; B.2.5
5	1 The leakage current	1 Household and electrical appliances for similar purposes	SM SR EN 60335-1: 2014/A11:2016/ A12:2018/A13:2018 art. 13.2; 16.2
		2 Automatic control devices for household appliances	SM SR EN 60730-1:2010 art. 13.3
		3 Audio/video equipment and information and communication technology	SM EN 62368-1: 2015/AC:2015/A11:2017/AC:2017 art. 5.2.2.2; 5.7
		6 Luminaries	SM EN 60598-1:2016/AC1:2016/AC2:2016/AC:2017/A1:2018 art. 10.3
6	1 Insulation resistance	1 Audio/video equipment and information and communication technology	SM EN 62368-1: 2015/AC:2015/A11:2017/AC:2017 art. 5.4.5
		2 Automatic control devices for household appliances	SM SR EN 60730-1:2010 art.13.1
		4 Stationary electrical equipment and systems	SM SR EN 60204-1:2010/A1:2011/AC:2014 art. 18.3
		5 Luminaries	SM EN 60598-1: 2016/AC1:2016/AC2:2016/AC:2017/A1:2018 art. 10.2
		6 Apparatus for lamps	SM EN 61347-1: 2016 chap. 11
		7 Lamps with integrated ballast for general lighting	SM EN 60968:2016 chap.8.2
		8 Fluorescent lamps with two sockets	SM SR EN 61195:2010/A1:2016/A2:2016 art. 2.4
		9 LED modules for general lighting	SM SR EN 62031:2012/A1:2016/A2:2016 chap. 11
		10 Self-ballasted LED lamps for general lighting	SM SR EN 62560:2014 /A1:2016/AC:2017 art. 8.2
		12 Industrial plugs and sockets	SM SR EN 60309-1:2010/A1:2010/A2:2014/A1:2007/AC:2017 art. 19.2
		13 Switches for fixed electrical installations for household and similar use	SM SR EN 60669-1:2010/A1:2010/A2:2011 art. 16.1
		14 Automatic switches for domestic and similar installations	SM SR EN 60898-1:2010/A1:2010 /A11:2010/A13:2015/AC:2016/A12:2017 art. 8.2.1
		15 Low voltage assembly (stands and desks)	SM SR EN 61439-1:2013 art. 8.3.4
		16 Boxes and enclosures for electrical appliances	SM SR EN 60670-1: 2010/AC:2015/A1:2016 art. 14.2
17 Production equipment	GOST 12.2.003-91 art. 2.1.11		
18 Power cables	GOST 16442-80 art. 2.3.2		
7	1 Dielectric rigidity	1 Household and electrical appliances for similar purposes	SM SR EN 60335-1: 2014/A11:2016/ A12:2018/A13:2018 art. 13.3, 16.3

		2 Automatic control devices for household appliances	<i>SM SR EN 60730-1:2010</i> art.13.2		
		3 Audio/video equipment and information and communication technology	<i>SM EN 62368-1: 2015/AC:2015/A11:2017/AC:2017</i> art. 5.4.9		
		6 Stationary electrical equipment and systems	<i>SM SR EN 60204-1:2010/A1:2011/AC:2014</i> art. 12.3, 18.4		
		7 Luminaries	<i>SM EN 60598-1: 2016/AC1:2016/AC2:2016/AC:2017/A1:2018</i> art. 10.2		
		8 Apparatus for lamps	<i>SM EN 61347-1: 2016</i> chap. 12		
		9 Lamps with integrated ballast for general lighting	<i>SM EN 60968:2016</i> chap. 8.3		
		10 Fluorescent lamps with two sockets	<i>SM SR EN 61195:2010/A1:2016/A2:2016</i> art. 2.5		
		11 LED modules for general lighting	<i>SM SR EN 62031:2012/A1:2016/A2:2016</i> chap. 12		
		12 Self-ballasted LED lamps for general lighting	<i>SM SR EN 62560:2014/A1:2016/AC:2017</i> art. 8.3		
		14 Industrial plugs and sockets	<i>SM SR EN 60309-1:2010/A1:2010/A2:2014/A1:2007/AC:2017</i> art. 19.3		
		15 Switches for fixed electrical installations for household and similar use	<i>SM SR EN 60669-1:2010/A1:2010/A2:2011</i> art. 16.2		
		16 Automatic switches for domestic and similar installations	<i>SM SR EN 60898-1:2010/A1:2010 /A11:2010/A13:2015/AC:2016/A12:2017</i> art. 8.2.1		
		17 Low voltage devices	<i>SM SR EN 60947-1:2010/A1:2012/A2:2016</i> art. 7.2.3		
		18 Low voltage assembly (stands and desks)	<i>SM SR EN 61439-1:2013</i> art. 8.2.2		
		19 Boxes and enclosures for electrical appliances	<i>SM SR EN 60670-1: 2010/AC:2015/A1:2016</i> art. 14.3		
		20 Power converters used in photovoltaic systems	<i>SM SR EN 62109-1: 2012</i> art. 7.5		
		21 Production equipment	GOST 12.2.003-91 art. 2.1.11		
		22 Wires and cables	SM CEI 60227-1:2014 pct.5.6.1		
		23 Power cables	GOST 16442-80 art. 2.3.5		
		8	1 Determination of the resistance of the protective earth connection circuit and the electrical resistance	1 Household and electrical appliances for similar purposes	<i>SM SR EN 60335-1: 2014/A11:2016/ A12:2018/A13:2018</i> art. 27.5
				2 Audio/video equipment and information and communication technology	<i>SM EN 62368-1:2015/AC:2015/A11:2017/AC:2017</i> art. 5.6.6
				5 Stationary electrical equipment and systems	<i>SM SR EN 60204-1:2010/A1:2011/AC:2014</i> art. 18.2
				6 Luminaries	<i>SM EN 60598-1: 2016/AC1:2016/AC2:2016/AC:2017/A1:2018</i> art. 7.2.3
7 Apparatus for lamps	<i>SM EN 61347-1: 2016</i> chap. 9				
9 Industrial plugs and sockets	<i>SM SR EN 60309-1:2010/A1:2010/A2:2014/A1:2007/AC:2017</i> art. 10.2				
10 Switches for fixed electrical installations for household and similar use	<i>SM SR EN 60669-1:2010/A1:2010/A2:2011</i> art. 11.4				
11 Power converters used in photovoltaic systems	<i>SM SR EN 62109-1: 2012</i> art. 7.3.3				
12 Production equipment	GOST 12.2.003-91 art. 2.1.11				
13 Wires and cables	SM CEI 60227-1:2014 pct.5.6.1				
14 Power cables	GOST 16442-80 art. 2.3.1				
Instrumental measures					
9	1 Linear and angular measurements			1 Household and electrical appliances for similar purposes	<i>SM SR EN 60335-1: 2014/A11:2016/ A12:2018/A13:2018</i> art. 25.8; 29
				2 Audio/video equipment and information and communication technology	<i>SM EN 62368-1: 2015/AC:2015/A11:2017/AC:2017</i> art. 5.4.2; 5.4.3; Annex O
		3 Automatic control devices for household appliances	<i>SM SR EN 60730-1:2010</i> chap.20		
		6 Stationary electrical equipment and systems	<i>SM SR EN 60204-1:2010/A1:2011/AC:2014</i> art. 5.3.4, 8.2.8, 12.2		
		7 Luminaries	<i>SM EN 60598-1: 2016/AC1:2016/AC2:2016/AC:2017/A1:2018</i> chap11		
		8 Apparatus for lamps	<i>SM EN 61347-1: 2016</i> chap. 16		
		9 LED modules for general lighting	<i>SM SR EN 62031:2012/A1:2016/A2:2016</i> chap. 11, 16		
		10 Self-ballasted LED lamps for general lighting	<i>SM SR EN 62560:2014/A1:2016/AC:2017</i> chap. 16		
		11 Switches for fixed electrical installations for household and similar use	<i>SM SR EN 60669-1:2010/A1:2010/A2:2011</i> chap. 23		
		12 Industrial plugs and sockets	<i>SM SR EN 60309-1:2010/A1:2010/A2:2014/A1:2007/AC:2017</i> chap. 26		
		14 Automatic switches for domestic and similar installations	<i>SM SR EN 60898-1:2010/A1:2010/A11:2010/A13:2015/AC:2016/A12:2017</i> art.8.1.3		
		15 Boxes and enclosures for electrical appliances	<i>SM SR EN 60670-1: 2010/AC:2015/A1:2016</i> chap. 9, 17		
		16 Power converters used in photovoltaic systems	<i>SM SR EN 62109-1: 2012</i> art. 7.3.7.4; 7.3.7.5		
		17 Low voltage devices	<i>SM SR EN 60947-1:2010/A1:2012/A2:2016</i> art. 7.1.4		
18 Electrical arc welding equipment	<i>SM SR EN 60974-1:2015</i> art. 10.8				

		19 Production equipment	GOST 12.2.003-91 art. 2.2
		20 Wires and cables	SM CEI 60227-1:2014 art.3.1.1
		21 Power cables	GOST 16442-80 art. 1.2 - 1.4
Mechanical methods			
10	1 Mechanical resistance	1 Household and electrical appliances for similar purposes	<i>SM SR EN 60335-1: 2014/A11:2016/A12:2018/A13:2018</i> cpap. 21
		2 Automatic control devices for household appliances	<i>SM SR EN 60730-1:2010</i> chap.18
		3 Audio/video equipment and information and communication technology	<i>SM EN 62368-1: 2015/AC:2015/A11:2017/AC:2017</i> Annex T
		6 Luminaries	<i>SM EN 60598-1: 2016/AC1:2016/AC2:2016/AC:2017/A1:2018</i> art. 4.13
		7 Lamps with integrated ballast for general lighting	<i>SM EN 60968:2014</i> chap.9
		8 Fluorescent lamps with two sockets	<i>SM SR EN 61195:2010/A1:2016/A2:2016</i> art. 2.3
		9 Self-ballasted LED lamps for general lighting	<i>SM SR EN 62560:2014</i> art. 9.1
		10 Power converters used in photovoltaic systems	<i>SM SR EN 62109-1: 2012</i> art. 13.7
12	1 Protection against penetration of solid bodies and moisture (IP code)	1 Enclosures for electrical equipment	<i>SM SR EN 60529:2010/A1:2010/A2:2016/AC:2016</i>
* With <i>bold italic</i> characters are marked harmonized EN standards, published in the Official Journal of European Union under the relevant EU legislative act (Regulation/Directive)			

2.2. Tests performed at the CAB client

#	Scope of accreditation		
	Type of test/analysis	Product name	Normative document/standard *
Visual methods			
1	1 Classification 2 Marking and instructions	1 Household electrical appliances and for similar purposes	<i>SM SR EN 60335-1: 2014/A11:2016/A12:2018/A13:2018</i> chap. 6, 7
		2 Audio/video equipment and information and communication technology	<i>SM EN 62368-1: 2015/AC:2015/A11:2017/AC:2017</i> art.4.1.15; 4.2; F.3; F.4
		4 Stationary electrical equipment and systems	<i>SM SR EN 60204-1:2010/A1:2011/AC:2014</i> chap. 16, 18
		5 Production equipment	GOST 12.2.003-91 art. 2.11
		6 Power converters used in photovoltaic systems	<i>SM SR EN 62109-1:2012</i> chap. 5
2	1 Protection against electric shocks 2 Stability and mechanical hazards 3 Construction 4 Start	1 Household electrical appliances and for similar purposes	<i>SM SR EN 60335-1: 2014 /A11:2016/A12:2018/A13:2018</i> chap. 8, 20, 22
		2 Audio/video equipment and information and communication technology	<i>SM EN 62368-1:2015 /AC:2015/A11:2017/AC:2017</i> art. 4.1.3÷4.1.11; 4.7; 5.3; 5.4; 8.2÷8.11; L; V.
		4 Stationary electrical equipment and systems	<i>SM SR EN 60204-1:2010</i> chap. 6, 11, 14.4
		5 Power converters used in photovoltaic systems	<i>SM SR EN 62109-1: 2012</i> chap. 7; art. 8.3
3	1 Internal conductors 2 Component element 3 Mains connection and external flexible cords 4 Terminals 5 Provisions regarding the protection ground connection 6 Screws and connections	1 Household electrical appliances and for similar purposes	<i>SM SR EN 60335-1: 2014/A11:2016/A12:2018/A13:2018</i> chap. 23; 24; 25; 26; 27; 28
		2 Audio/video equipment and information and communication technology	<i>SM EN 62368-1: 2015</i> art. 4.1.2; 4.6; 5.6; G.7
		4 Stationary electrical equipment and systems	<i>SM SR EN 60204-1:2010/A1:2011/AC:2014</i> art. 5.1; 5.2; 8.2; 12.1; 13.1.1; 13.2.2
		5 Power converters used in photovoltaic systems	<i>SM SR EN 62109-1: 2012</i> chap. 14; art. 13.2; 13.4
Electrophysical methods			
4	1 Measurement of power and current	1 Household electrical appliances and for similar purposes	<i>SM SR EN 60335-1: 2014/A11:2016/A12:2018/A13:2018</i> chap. 10
		2 Audio/video equipment and information and communication technology	<i>SM EN 62368-1: 2015/AC:2015/A11:2017/AC:2017</i> art. B.2.3; B.2.5
5	1 Leakage current (contact current)	1 Household electrical appliances and for similar purposes	<i>SM SR EN 60335-1: 2014/A11:2016/A12:2018/A13:2018</i> art. 13.2; 16.2
		2 Audio/video equipment and information and communication technology	<i>SM EN 62368-1: 2015/AC:2015/A11:2017/AC:2017</i> art. 5.2.2.2; 5.7
6	1 Insulation resistance	1 Audio/video equipment and information and communication technology	<i>SM EN 62368-1: 2015/AC:2015/A11:2017/AC:2017</i> art. 5.4.5
		3 Stationary electrical equipment and systems	<i>SM SR EN 60204-1:2010/A1:2011/AC:2014</i> art. 18.3
7	1 Determination of the resistance of the protective earth connection circuit and the electrical resistance	1 Household electrical appliances and for similar purposes	<i>SM SR EN 60335-1: 2014/A11:2016/A12:2018/A13:2018</i> art. 27.5
		2 Audio/video equipment and information and communication technology	<i>SM EN 62368-1:2015/AC:2015/A11:2017/AC:2017</i> art. 5.6.6
		4 Stationary electrical equipment and systems	<i>SM SR EN 60204-1:2010/A1:2011/AC:2014</i> art. 18.2
		5 Power converters used in photovoltaic systems	<i>SM SR EN 62109-1: 2012</i> art. 7.3.3
Instrumental measurements			

8	1 Linear and angular measurements	1 Household electrical appliances and for similar purposes	<i>SM SR EN 60335-1: 2014/A11:2016/A12:2018/A13:2018</i> art. 25.8; 25.15, chap.29
		2 Audio/video equipment and information and communication technology	<i>SM EN 62368-1: 2015/AC:2015/A11:2017/AC:2017</i> art. 5.4.2; 5.4.3; Annex O
		4 Stationary electrical equipment and systems	<i>SM SR EN 60204-1:2010/A1:2011/AC:2014</i> art. 5.3.4, 8.2.8, 12.2
		5 Production equipment	GOST 12.2.003-91 art. 2.2
		6 Power converters used in photovoltaic systems	<i>SM SR EN 62109-1: 2012</i> art. 7.3
Mechanical methods			
9	1 Mechanical resistance	1 Household electrical appliances and for similar purposes	<i>SM SR EN 60335-1: 2014/A11:2016/A12:2018/A13:2018</i> chap. 21
		2 Audio/video equipment and information and communication technology	<i>SM EN 62368-1: 2015/AC:2015/A11:2017/AC:2017</i> Annex T
		4 Power converters used in photovoltaic systems	<i>SM SR EN 62109-1: 2012</i> art. 13.7
* With <i>bold italic</i> characters are marked harmonized EN standards, published in the Official Journal of European Union under the relevant EU legislative act (Regulation/Directive)			

**3. IS "Center for Applied Metrology and Certification", testing laboratory
(Annex, Certificate of Accreditation # LI-093 din 23.11.2016)**

3.1. Tests performed in permanent premises

#	Scope of accreditation		
	Type of test/analysis	Product name	Normative document/standard *
Visual methods			
1	1 Classification 2 Marking	1 Household electrical appliances and for similar purposes	<i>SM SR EN 60335-1:2014</i> , chap. 6, 7 (SM EN 60335-1:2012/A11:2016/A12:2018 /A13:2018)
		3 Audio/video equipment and information and communication technology	<i>SM EN 62368-1:2015/AC:2015/A11:2017/AC:2017</i> , art. 4.1.15
		4 Luminaries	<i>SM EN 60598-1:2016/AC1:2016/AC2:2016/AC:2017/A1:2018</i> , chap. 2, 3
		8 Switches for fixed electrical installations for household and similar purposes	<i>SM SR EN 60669-1:2010</i> , chap. 7, 8
		9 Small electrical appliances. Automatic overcurrent protection switches for domestic and similar installations	<i>SM SR EN 60898-1:2010/A1:201 /A11:2010/A13:2015</i> , chap. 4, 5, 6 (SM EN 60898-1:2003/AC:2016/A12:2017)
		10 Uninterruptible Power Supplies (UPS)	<i>SM SR EN 62040-1:2012/A1:2016/AC:2016</i> , art. 4.7
		11 Lamps with integrated ballast for general lighting	<i>SM EN 60968:2016</i> , chap. 4,5
		12 LED modules	<i>SM SR EN 62031:2012</i> , chap. 6, 7 (SM EN 62031:2008/A1:2016/A2:2016)
2	1 Construction 2 Protection against accessibility to active parts 3 Stability and mechanical hazards	1 Household electrical appliances and for similar purposes	<i>SM SR EN 60335-1:2014</i> , chap. 8; 20; 22 (excluding art. 22.3; 22.6) (SM EN 60335-1:2012/A11:2016/A12:2018 /A13:2018)
		3 Audio/video equipment and information and communication technology	<i>SM EN 62368-1:2015/AC:2015/A11:2017/AC:2017</i> , art. 4.8.3
		4 Luminaries	<i>SM EN 60598-1:2016/AC1:2016/AC2:2016/AC:2017/A1:2018</i> , chap. 4; 8
		8 Switches for fixed electrical installations for household and similar purposes	<i>SM SR EN 60669-1:2010</i> , chap. 13; 10; 20
		9 Small electrical appliances. Automatic overcurrent protection switches for domestic and similar installations	<i>SM SR EN 60898-1:2010/A1:201 /A11:2010/A13:2015</i> , art. 8.1; 8.2 (SM EN 60898-1:2003/AC:2016/A12:2017)
		10 Uninterruptible Power Supplies (UPS)	<i>SM SR EN 62040-1:2012/A1:2016/AC:2016</i> , art. 5.1; 7.2-7.4
		11 Lamps with integrated ballast for general lighting	<i>SM EN 60968:2016</i> , chap. 7
		12 LED modules	<i>SM SR EN 62031:2012</i> , chap. 10; 15 (SM EN 62031:2008/A1:2016/A2:2016)
3	1 Wiring, connections and power supply 2 Elements and components 3 Terminals for conductors 4 Screws and connections	1 Household electrical appliances and for similar purposes	<i>SM SR EN 60335-1:2014</i> , chap. 23; 24; 25 (excluding art. 25.15); 26; 28 (excluding art. 28.1, art. 28.2) (SM EN 60335-1:2012/A11:2016/A12:2018 /A13:2018)
		3 Luminaries	<i>SM EN 60598-1:2016/AC1:2016/AC2:2016/AC:2017/A1:2018</i> , chap. 5; 14; 15
		7 Switches for fixed electrical installations for household and similar purposes	<i>SM SR EN 60669-1:2010</i> , chap. 13; 10; 20
		8 Electrical equipment of machines	<i>SM SR EN 60204-1:2010/A1:2011/AC:2014</i> , chap. 22
		9 Uninterruptible Power Supplies (UPS)	<i>SM SR EN 62040-1:2012/A1:2016/AC:2016</i> , chap. 6
		10 LED modules	<i>SM SR EN 62031:2012</i> , chap. 8; 17 (SM EN 62031:2008/A1:2016/A2:2016)
Electrophysical methods			
4	Measurement of power and current	1 Household electrical appliances and for similar purposes	<i>SM SR EN 60335-1:2014</i> , chap. 10 (SM EN 60335-1:2012/A11:2016/A12:2018 /A13:2018)
		3 Audio/video equipment and information and communication technology	<i>SM EN 62368-1:2015/AC:2015/A11:2017/AC:2017</i> , art. 6.2.2, Annex B 2.5
		7 LED modules	<i>SM SR EN 62031:2012</i> , chap. 13.2 (SM EN 62031:2008/A1:2016/A2:2016)
		8 Electro-medical devices	SM SR EN 60601-1:2010, art. 4.11 (SM EN 60601-1:2006/A1:2016/A12:2016/AC:2016)
5	Measurement of leakage current (contact current)	1 Household electrical appliances and for similar purposes	<i>SM SR EN 60335-1:2014</i> , art. 13.1, 13.2 (SM EN 60335-1:2012/A11:2016/A12:2018 /A13:2018)

		2 Audio/video equipment and information and communication technology	SM EN 62368-1:2015/AC:2015/A11:2017/AC:2017 , art. 5.2.2
		3 Luminaries	SM EN 60598-1:2016/AC1:2016/AC2:2016/AC:2017/A1:2018 , art. 10.3
		6 Uninterruptible Power Supplies (UPS)	SM SR EN 62040-1:2012/A1:2016/AC:2016 , art. 8.1
		7 Electro-medical devices	SM SR EN 60601-1:2010, art. 8.7.3 (SM EN 60601-1:2006/A1:2016/A12:2016/AC:2016) SM SR EN 61010-1:2013 , art. 6.3 SM EN 62353:2016, art. 5.3.4
6	Measurement of insulation resistance (Measurement of electrical resistance)	1 Audio/video equipment and information and communication technology	SM EN 62368-1:2015/AC:2015/A11:2017/AC:2017 , art. 5.4.5.3
		2 Luminaries	SM EN 60598-1:2016/AC1:2016/AC2:2016/AC:2017/A1:2018 , art. 10.2.1
		6 Switches for fixed electrical installations for household and similar purposes	SM SR EN 60669-1:2010 , art. 16.1
		7 Electrical equipment of machines	SM SR EN 60204-1:2010/A1:2011/AC:2014 , art. 18.3
		8 LED modules	SM SR EN 62031:2012 , chap. 11 (SM EN 62031:2008/A1:2016/A2:2016)
		9 Insulated conductors, flexible cords and low voltage electrical cables	SM SR 11388:2012, art. 3.2; SM SR EN 50395:2010/A1:2013 , chap. 5, chap. 8; SM CEI 60227-2-2014/A1:2014, art. 2.1; 2.4
7	Dielectric rigidity test (Voltage test)	1 Household electrical appliances and for similar purposes	SM SR EN 60335-1:2014 , art. 13.3 (SM EN 60335-1:2012/A11:2016/A12:2018 /A13:2018)
		3 Audio/video equipment and information and communication technology	SM EN 62368-1:2015/AC:2015/A11:2017/AC:2017 , art. 5.4.9
		4 Luminaries	SM EN 60598-1:2016/AC1:2016/AC2:2016/AC:2017/A1:2018 , art. 10.2.2
		8 Switches for fixed electrical installations for household and similar purposes	SM SR EN 60669-1:2010 , art. 16.2
		9 Electrical equipment of machines	SM SR EN 60204-1:2010/A1:2011/AC:2014 , art. 18.4
		10 Lamps with integrated ballast for general lighting	SM EN 60968:2016 , art. 8.3
		11 LED modules	SM SR EN 62031:2012 , chap.12 (SM EN 62031:2008/A1:2016/A2:2016)
		12 Insulated conductors, flexible cords and low voltage electrical cables	SM SR EN 50395:2010/A1:2013 , chap. 6, 7; SM CEI 60227-1-2014, art. 5.6 SM CEI 60227-2-2014/A1:2014, art. 2.2 SM SR 11388:2012, art. 3.5
8	Testing the protective earth connection circuit	1 Household electrical appliances and for similar purposes	SM SR EN 60335-1:2014 , art. 27.5 (SM EN 60335-1:2012/A11:2016/A12:2018 /A13:2018)
		2 Audio/video equipment and information and communication technology	SM EN 62368-1:2015/AC:2015/A11:2017/AC:2017 , art. 5.6.6
		3 Luminaries	SM EN 60598-1:2016/AC1:2016/AC2:2016/AC:2017/A1:2018 , chap. 7
		7 Uninterruptible Power Supplies (UPS)	SM SR EN 62040-1:2012/A1:2016/AC:2016 , art. 5.3
		8 LED modules	SM SR EN 62031:2012 , chap. 9 (SM EN 62031:2008/A1:2016/A2:2016)
		9 Electro-medical devices	SM SR EN 60601-1:2010, art. 8.6.4 (SM EN 60601-1:2006/A1:2016/A12:2016/AC:2016) SM SR EN 61010-1:2013 , art.6.5.2 SM EN 62353:2016, art. 5.3.2
Instrumental measures			
9	Determination of insulation distances in air, surface and insulation	1 Household electrical appliances and for similar purposes	SM SR EN 60335-1:2014 , chap. 29 (SM EN 60335-1:2012/A11:2016/A12:2018 /A13:2018)
		3 Audio/video equipment and information and communication technology	SM EN 62368-1:2015/AC:2015/A11:2017/AC:2017 , art. 5.4.2, 5.4.3
		4 Luminaries	SM EN 60598-1:2016/AC1:2016/AC2:2016/AC:2017/A1:2018 , chap. 11
		8 Switches for fixed electrical installations for household and similar purposes	SM SR EN 60669-1:2010 , chap. 11
		8 Uninterruptible Power Supplies (UPS)	SM SR EN 62040-1:2012/A1:2016/AC:2016 , art. 5.7
		9 LED modules	SM SR EN 62031:2012 , chap. 16 (SM EN 62031:2008/A1:2016/A2:2016)
* With bold italic characters are marked harmonized EN standards, published in the Official Journal of European Union under the relevant EU legislative act (Regulation/Directive)			

3.2. Tests performed at the CAB client

#	Scope of accreditation		
	Type of test/analysis	Product name	Normative document/standard *
Visual methods			
1	1 Classification 2 Marking	1 Household electrical appliances and for similar purposes	<i>SM SR EN 60335-1:2014</i> , chap. 6, 7 (SM EN 60335-1:2012/A11:2016/A12:2018 /A13:2018)
		2 Audio/video equipment and information and communication technology	<i>SM EN 62368-1:2015/AC:2015/A11:2017/AC:2017</i> , art. 4.1.15
		3 Luminaries	<i>SM EN 60598-1:2016/AC1:2016/AC2:2016/AC:2017/A1:2018</i> , chap. 2, 3
		5 Uninterruptible Power Supplies (UPS)	<i>SM SR EN 62040-1:2012/A1:2016/AC:2016</i> , art. 4.7
		6 Electro-medical devices	SM SR EN 60601-1:2010, art. 6.2, 7.2 (SM EN 60601-1:2006/A1:2016/A12:2016/AC:2016) <i>SM SR EN 61010-1:2013</i> , chap. 5 SM EN 62353:2016, art. 5.2
2	1 Construction 2 Protection against accessibility to active parts 3 Stability and mechanical hazards	1 Household electrical appliances and for similar purposes	<i>SM SR EN 60335-1:2014</i> , chap. 8; 20; 22 (excluding art. 22.3; 22.6) (SM EN 60335-1:2012/A11:2016/A12:2018 /A13:2018)
		2 Audio/video equipment and information and communication technology	<i>SM EN 62368-1:2015/AC:2015/A11:2017/AC:2017</i> , art. 4.8.3
		3 Luminaries	<i>SM EN 60598-1:2016/AC1:2016/AC2:2016/AC:2017/A1:2018</i> , chap. 4; 8
		5 Electrical equipment of machines	<i>SM SR EN 60204-1:2010/A1:2011/AC:2014</i> , chap. 6
		6 Uninterruptible Power Supplies (UPS)	<i>SM SR EN 62040-1:2012/A1:2016/AC:2016</i> , art. 5.1; 7.2-7.4
3	1 Wiring, connections and power supply 2 Elements and components 3 Terminals for conductors 4 Screws and connections	1 Household electrical appliances and for similar purposes	<i>SM SR EN 60335-1:2014</i> , chap. 23; 24; 25 (excluding art. 25.15); 26; 28 (excluding art. 28.1, art. 28.2) (SM EN 60335-1:2012/A11:2016/A12:2018 /A13:2018)
		2 Luminaries	<i>SM EN 60598-1:2016/AC1:2016/AC2:2016/AC:2017/A1:2018</i> , chap. 5; 14; 15
		4 Electrical equipment of machines	<i>SM SR EN 60204-1:2010/A1:2011/AC:2014</i> , chap. 22
		5 Uninterruptible Power Supplies (UPS)	<i>SM SR EN 62040-1:2012/A1:2016/AC:2016</i> , chap. 6
Electrophysical methods			
4	Measurement of power and current	1 Household electrical appliances and for similar purposes	<i>SM SR EN 60335-1:2014</i> , chap. 10 (SM EN 60335-1:2012/A11:2016/A12:2018 /A13:2018)
		2 Audio/video equipment and information and communication technology	<i>SM EN 62368-1:2015/AC:2015/A11:2017/AC:2017</i> , art. 6.2.2, Annex B 2.5
		4 Electro-medical devices	SM SR EN 60601-1:2010, art. 4.11 (SM EN 60601-1:2006/A1:2016/A12:2016/AC:2016)
5	Measurement of leakage current (contact current)	1 Household electrical appliances and for similar purposes	<i>SM SR EN 60335-1:2014</i> , art. 13.1, 13.2 (SM EN 60335-1:2012/A11:2016/A12:2018 /A13:2018)
		2 Audio/video equipment and information and communication technology	<i>SM EN 62368-1:2015/AC:2015/A11:2017/AC:2017</i> , art. 5.2.2
		3 Luminaries	<i>SM EN 60598-1:2016/AC1:2016/AC2:2016/AC:2017/A1:2018</i> , art. 10.3
		5 Uninterruptible Power Supplies (UPS)	<i>SM SR EN 62040-1:2012/A1:2016/AC:2016</i> , art. 8.1
6	Insulation resistance measurement	6 Electro-medical devices	SM SR EN 60601-1:2010, art. 8.7.3 (SM EN 60601-1:2006/A1:2016/A12:2016/AC:2016) <i>SM SR EN 61010-1:2013</i> , art. 6.3 SM EN 62353:2016, pct. 5.3.4
		1 Audio/video equipment and information and communication technology	<i>SM EN 62368-1:2015/AC:2015/A11:2017/AC:2017</i> , art. 5.4.5.3
7	Test of dielectric rigidity	2 Luminaries	<i>SM EN 60598-1:2016/AC1:2016/AC2:2016/AC:2017/A1:2018</i> , art. 10.2.1
		1 Household electrical appliances and for similar purposes	<i>SM SR EN 60335-1:2014</i> , art. 13.3 (SM EN 60335-1:2012/A11:2016/A12:2018 /A13:2018)
		2 Audio/video equipment and information and communication technology	<i>SM EN 62368-1:2015/AC:2015/A11:2017/AC:2017</i> , art. 5.4.9
8	Testing the protective earth connection circuit	3 Luminaries	<i>SM EN 60598-1:2016/AC1:2016/AC2:2016/AC:2017/A1:2018</i> , art. 10.2.2
		1 Household electrical appliances and for similar purposes	<i>SM SR EN 60335-1:2014</i> , art. 27.5 (SM EN 60335-1:2012/A11:2016/A12:2018 /A13:2018)
		2 Audio/video equipment and information and communication technology	<i>SM EN 62368-1:2015/AC:2015/A11:2017/AC:2017</i> , art. 5.6.6

		3 Luminaries	<i>SM EN 60598-1:2016/AC1:2016/AC2:2016/AC:2017/A1:2018</i> , chap. 7
		5 Uninterruptible Power Supplies (UPS)	<i>SM SR EN 62040-1:2012/A1:2016/AC:2016</i> , art. 5.3
		6 Electro-medical devices	SM SR EN 60601-1:2010, art. 8.6.4 (SM EN 60601-1:2006/A1:2016/A12:2016/AC:2016) <i>SM SR EN 61010-1:2013</i> , art.6.5.2 SM EN 62353:2016, art. 5.3.2
Instrumental measures			
9	Determination of insulation distances in air, surface and insulation	1 Household electrical appliances and for similar purposes	<i>SM SR EN 60335-1:2014</i> , chap. 29 (SM EN 60335-1:2012/A11:2016/A12:2018 /A13:2018)
		2 Audio/video equipment and information and communication technology	<i>SM EN 62368-1:2015/AC:2015/A11:2017/AC:2017</i> , art. 5.4.2, 5.4.3
		3 Luminaries	<i>SM EN 60598-1:2016/AC1:2016/AC2:2016/AC:2017/A1:2018</i> , chap. 11
		5 Uninterruptible Power Supplies (UPS)	<i>SM SR EN 62040-1:2012/A1:2016/AC:2016</i> , art. 5.7
* With <i>bold italic</i> characters are marked harmonized EN standards, published in the Official Journal of European Union under the relevant EU legislative act (Regulation/Directive)			

**4. IS "Center for Applied Metrology and Certification", certification body
(Certificate of Accreditation # OCpr-001 of 10.09.2018)**

4.1. Conformity assessment of products performed according to the Annex 20 to the Certificate of Accreditation

Product code	Product name	Normative document/standard *	Certification scheme	Document describing scheme
9405	Luminaires and analogs	<i>SM EN 60598-1:2016</i> <i>SM SR EN 60598-2-1:2010</i> <i>SM SR EN 60598-2-2:2014</i> <i>SM SR EN 60598-2-3:2010</i> <i>SM SR EN 60598-2-4:2010</i> <i>SM EN 60598-2-4:2018</i> <i>SM EN 60598-2-20:2016</i>	2, 1b	PC - 1i Certification procedure for electronic products, electrotechnical devices and devices, luminaires
	LED module	<i>SM SR EN 62031:2012</i>		
* With bold italic characters are marked harmonized EN standards, published in the Official Journal of European Union under the relevant EU legislative act (Regulation/Directive)				

4.2. Conformity assessment of products performed according to the Annex 21 to the Certificate of Accreditation

Product code	Product name	Normative document/standard *	Certification scheme	Document describing scheme		
8415	Air conditioners	<i>SM SR EN 60335-1:2014</i> <i>SM SR EN 60335-2-40:2010</i>	1b, 2	PC - 1i Certification procedure for electronic products, electrotechnical devices and devices, luminaires		
8422	Dishwashers	<i>SM EN 60335-2-5:2016</i>				
8450	Washing machines	<i>SM SR EN 60335-2-7:2011</i> *SM SR EN 55014-1:2014 SM EN 55014-1:2017				
		<i>SM SR EN 60335-2-28:2010</i>				
8452	Sewing machines	<i>SM SR EN 60335-2-28:2010</i>				
8467	Power tools with motor	SM EN 60745-1:2014 <i>SM EN 60745-2-1:2014</i> SM EN 60745-2-3:2014 SM SR EN 60745-2-4:2014 SM EN 62841-2-4:2016 SM EN 60745-2-5:2014 SM EN 62841-2-5:2016 SM EN 60745-2-6:2014 SM EN 60745-2-13:2014 SM EN 60745-2-14:2014 SM EN 62841-2-14:2016 <i>SM EN 60745-2-17:2014</i> SM EN 61029-1:2014 <i>SM SR EN 60204-1:2010</i> <i>SM EN 62841-2-17:2018</i>				
		8479	Electrical equipment of electric cars and similar products	<i>SM SR EN 60204-1:2010</i>		
		8471, 8504	Personal computers and the means of information technologies (power supplies)	<i>SM EN 60950-1:2006/A2:2016</i> <i>SM EN 62368-1:2015</i> *SM EN 55022:2014	2, 3, 1b	PC - 1i Certification procedure for electronic products, electrotechnical devices and devices, luminaires
		8502	Electric generators with internal combustion engine	<i>SM SR EN 60204-1:2010</i> <i>SM SR EN 61439-1:2013</i>	2, 1b	PC - 1i Certification procedure for electronic products, electrotechnical devices and devices, luminaires
		8504	Power supplies for household and analogue electrical appliances	<i>SM SR EN 60335-2-29:2006</i>		
			Uninterruptible Power Supplies (UPS)	<i>SM SR EN 62040-1:2012</i>		
		8508	Vacuum cleaners and appliances for vacuum cleaning with water	<i>SM SR EN 60335-2-2:2011</i>		
		8509	Household electrical appliances and for similar purposes	<i>SM SR EN 60335-1:2014</i> SM SR EN 60335-2-14:2010		
		8510	Electric shavers, mowers and the like	<i>SM EN 60335-2-8:2016</i>		
		8516	Electrical appliances for skin and hair care and analogs	<i>SM SR EN 60335-2-23:2010</i>	2, 1b	PC - 1i Certification procedure for electronic products, electrotechnical devices and devices, luminaires
Electric and analogue irons	<i>SM EN 60335-2-3:2016</i>					
Cookers, hobs, ovens and similar appliances for household use	<i>SM EN 60335-2-6:2016</i>					
Grills, toasters and similar mobile food preparation appliances	<i>SM SR EN 60335-2-9:2010</i>					

	Greases, toasters and the like	<i>SM SR EN 60335-2-13:2011</i>		
	Liquid heaters	<i>SM EN 60335-2-15:2016</i>		
	Water heaters with storage	<i>SM SR EN 60335-2-21:2010</i>		
	Microwave ovens, including combined microwave ovens	<i>SM SR EN 60335-2-25:2015</i>		
	Room heaters	<i>SM SR EN 60335-2-30:2011</i>		
	Instantaneous water heaters	<i>SM EN 60335-2-35:2016</i>		
	Portable heating tools and similar appliances	<i>SM SR EN 60335-2-45:2010</i>		
	Sauna heaters	<i>SM SR EN 60335-2-53:2013</i>		
	High pressure cleaners and steam cleaners	SM EN 60335-2-79:2015		
	Humidifiers	<i>SM SR EN 60335-2-98:2010</i>		
8528	Household and analogue television sets	<i>SM EN 60065:2002/C2:2016</i> <i>SM EN 62368-1:2015</i> *SM EN 55013:2014 **SM EN 55022:2014		
8531	Electrical signaling and control equipment	<i>SM SR EN 60335-1:2014</i> SM SR EN 50194-1:2011 SM EN 54-1:2019		
8536	Equipment for switching, cutting, protecting, connecting, connecting or connecting electrical circuits, for a voltage not exceeding 1000 volts	<i>SM SR EN 60669-1:2010</i> <i>SM SR EN 61009-1:2014</i> <i>SM SR EN 61008-1:2010</i> <i>SM SR EN 60947-3:2011</i> <i>SM SR EN 60947-4-1:2014</i> <i>SM SR EN 60898-1:2010</i> SM SR CEI 60884-1:2012		
8537, 3925	Complete distribution devices: CRU, CRUE, CSO, ЩО, BZUM etc. (voltage class up to 10000V)	GOST 14693-90E (withdrawn) <i>SM SR EN 61439-1:2013</i>		
	Panels, desks, cabins and other supports for the distribution of electricity	<i>SM SR EN 61439-3:2014</i> <i>SM SR EN 60670-1:2010</i>		
8544	Electric cables and conductors	GOST 12.2.007.14-75 (withdrawn) GOST 16442-80 SM CEI 60502-2:2016 SM IEC 60502-1+A1:2019 GOST 7399-97 (withdrawn) SM CEI 60227-1:2014 GOST 6323-79 (withdrawn) <i>SM SR EN 50525-1:2013</i> <i>SM SR EN 60228:2010</i>	1b, 2, 3	PC - 1i Certification procedure for electronic products, electrotechnical devices and devices, luminaires
	Multiple metal cables used for telecommunications and signaling systems	<i>SM EN 50288-1:2015</i>		
* With <i>bold italic</i> characters are marked harmonized EN standards, published in the Official Journal of European Union under the relevant EU legislative act (Regulation/Directive)				

**5. SC „Inspectie-Certificare-Calitate” SRL, certification body
(Certificate of Accreditation # OCpr-003 of 29.11.2018)**

5.1. Conformity assessment of products performed according to the Annex 12 to the Certificate of Accreditation

Product code	Product name	Normative document/standard *	Certification scheme	Document describing scheme
9405	LED modules for general lighting	<i>SM SR EN 62031:2012</i>	1b, 2, 3	PC "ICC" -7-1 General procedure. "Certification of products" PC "ICC" -7-1.1 Certification procedure for homogeneous products. "Certification of electrical and electronic products" PC "ICC" -7-3 "Evaluation of the production process. Periodic evaluation of certified products"
	Luminaries	<i>SM SR EN 60598-1:2014</i> <i>SM SR EN 60598-1:2010</i> <i>SM EN 60598-1:2016</i>		
	General purpose stationary luminaires	<i>SM SR EN 60598-2-1:2010</i>		
	Recessed luminaries	<i>SM SR EN 60598-2-2:2014</i>		
	Public lighting luminaries	<i>SM SR EN 60598-2-3:2010</i>		
	General purpose portable luminaries	<i>SM SR EN 60598-2-4:2010</i>		
	Luminaries - projectors	<i>SM EN 60598-2-5:2016</i>		
Luminaires recessed in the ground	<i>SM SR EN 60598-2-13:2010</i>			
* With <i>bold italic</i> characters are marked harmonized EN standards, published in the Official Journal of European Union under the relevant EU legislative act (Regulation/Directive)				

5.2. Conformity assessment of products performed according to the Annex 13 to the Certificate of Accreditation

Product code	Product name	Normative document/standard *	Certification scheme	Document describing scheme
8413	Pumps for liquids, even with liquid lift measuring device	<i>SM SR EN 60335-1:2006</i> <i>SM SR EN 60335-2-41:2010</i>	2, 1b	PC "ICC" -7-1 General procedure. "Certification of products" PC "ICC" -7-1.1 Certification procedure for homogeneous products. "Certification of electrical and electronic products" PC "ICC" -7-3 "Evaluation of the production process. Periodic evaluation of certified products"
8414	Fans	<i>SM SR EN 60335-2-80:2010</i>	2, 3, 1b	
	Appliances for cleaning the air in the kitchen (hoods)	<i>SM SR EN 60335-1:2014</i> <i>SM EN 60335-2-31:2015</i>		
8422	Dishwashing machines; machines and apparatus for cleaning or drying bottles or other containers; machines and apparatus for filling, closing or labeling bottles, boxes, bags or other containers; capsule machines for bottles, jars, tubes; machines and apparatus for packing goods (including under heat shrinkable foil)	<i>SM EN 60335-2-5:2016</i> <i>SM SR EN 60335-2-45:2010</i>	2, 1b	
8450	Washing machines, including those with drying device, for use domestic and analog	<i>SM SR EN 60335-2-7:2011</i>	2, 3, 1b	
8504	Battery chargers	<i>SM SR EN 60335-2-29:2006</i>	2, 1b	
8508	Electric vacuum cleaners and water suction cleaning appliances	<i>SM SR EN 60335-2-2:2011</i>		
8510	Electric shaving and shaving machines	<i>SM EN 60335-2-8:2016</i>		
8516	Electric appliances for heating homes, floors or similar purposes	<i>SM SR EN 60335-2-30:2011</i>	2, 3, 1b	
	Toasters, grills, roasters, grills, toasters and similar portable cooking appliances	<i>SM SR EN 60335-2-9:2010</i>		
	Irons	<i>SM EN 60335-2-3:2016</i>		
	Cookers, grills, ovens, and similar stationary appliances	<i>SM EN 60335-2-6:2016</i> <i>SM SR EN 60335-2-36:2010</i> <i>SM SR EN 60335-2-37:2010</i> <i>SM SR EN 60335-2-38:2010</i>	2, 1b	
	Liquid heaters	<i>SM EN 60335-2-15:2016</i>		
	Electric water heaters with storage	<i>SM SR EN 60335-2-21:2010</i>		
	Microwave and combined ovens	<i>SM SR EN 60335-2-25:2015</i>		
8528	Electrothermal apparatus for hairdressing (hair dryers, hairdressing headsets, hair curlers) or for drying hands	<i>SM SR EN 60335-2-23:2010</i>	2, 1b	
	Television receivers, or even incorporating a radio reception apparatus or apparatus for recording or reproducing sound or images, video monitors and	<i>SM EN 62368-1:2015</i>		

	video projectors, satellite television receivers, plasma projectors			
8536	Apparatus for switching, cutting, protecting, connecting or connecting electrical circuits: - Switches;	<i>SM SR EN 60669-1:2010</i>	2, 1b	PC "ICC" -7-1 General procedure. "Certification of products" PC "ICC" -7-1.1 Certification procedure for homogeneous products. "Certification of electrical and electronic products" PC "ICC" -7-3 "Evaluation of the production process. Periodic evaluation of certified products"
	- Automatic switches	<i>SM SR EN 60898-1:2010</i>		
8504, 8536	Apparatus for lamps	<i>SM EN 61347-1:2016</i>		
8539	Incandescent electric lamps, halogen electric lamps;	<i>SR SR EN 60432-1:2010</i> <i>SM SR EN 60432-2:2010</i>		
	Fluorescent lamps with two sockets	SM SR EN 61195:2010		
8539	Lamps with integrated ballast for general lighting;	<i>SM EN 60968:2016</i>		
8543	Self-ballasted LED lamps for general lighting	<i>SM SR EN 62560:2014</i>		
* With <i>bold italic</i> characters are marked harmonized EN standards, published in the Official Journal of European Union under the relevant EU legislative act (Regulation/Directive)				

**6. SRL "Technical Center for Industrial Security and Certification", certification body
(Certificate of Accreditation # OCpr-015 of 18.02.2017)**

6.1. Conformity assessment of products performed according to the Annex 8 to the Certificate of Accreditation

Product code	Product name	Normative document/standard *	Certification scheme	Document describing scheme
9405	General and similar luminaries, electric garlands	<i>SM SR EN 60598-2-2:2014</i> <i>SM SR EN 60598-2-1:2010</i> <i>SM SR EN 60598-1:2016</i> <i>SM SR EN 62031:2012</i>	1b, 2	P CP-10-01 - Certification of the machines and electrotechnical products
	Luminaries for public lighting	<i>SM SR EN 60598-2-3:2010</i> <i>SM EN 60598-2-3:2003/AC:2016</i>		
	General purpose portable luminaries	<i>SM EN 60598-2-4:2018</i>		
	Nightlight lamps mounted on sockets	<i>SM EN 60598-2-12:2015</i>		
	Luminaires recessed in the ground	<i>SM SR EN 60598-2-13:2010</i>		
	Lighting fixtures for discharge lamps, tubular, cold cathode (neon tubes) and similar equipment	<i>SM SR EN 60598-2-14:2013</i>		
	Lighting fixtures for lighting theater, television, cinema and photo studios (indoor and outdoor)	<i>SM SR EN 60598-2-17+A2:2010</i>		
	Luminaries - projectors	<i>SM EN 60598-2-5:2016</i>		
	Image projectors and similar apparatus	<i>SM SR EN 60335-2-56:2010</i>		
	General purpose projectors	GOST 6047-90 E (withdrawn) <i>SM SR EN 60598-2-1: 2010</i>		
	Lighting with built-in transformer or converter for incandescent electric lamps	SM SR EN 60598-2-6+A1:2010		
	Luminaries used in gardens	<i>SM SR EN 60598-2-7:2010</i>		
	Hand luminaries	<i>SM EN 60598-2-8:2015</i>		
	Portable luminaries for children	<i>SM SR EN 60598-2-10:2010</i>		
	Luminaries for swimming pools and similar uses	SM SR EN 60598-2-18:2013		
	Luminaries with air circulation (safety rules)	<i>SM SR EN 60598-2-19:2010</i>		
	Light garlands	<i>SM SR EN 60598-2-20:2012</i> (withdrawn) <i>SM EN 60598-2-20:2016</i>		
Light tubes	<i>SM EN 60598-2-21:2016</i>			
Security luminaries	<i>SM EN 60598-2-22:2015</i>			
Very low voltage lighting systems for incandescent lamps. Very low voltage lighting systems for filament lamps	<i>SM SR EN 60598-2-23-2010</i> <i>SM EN 60598-2-23:1996/AC:2016</i>			
Lighting with surfaces with limited temperatures	<i>SM EN 60598-2-24:2015</i>			
* With bold italic characters are marked harmonized EN standards, published in the Official Journal of European Union under the relevant EU legislative act (Regulation/Directive)				

6.2. Conformity assessment of products performed according to the Annex 9 to the Certificate of Accreditation

Product code	Product name	Normative document/standard *	Certification scheme	Document describing scheme
8413	Electric pumps for liquids (circular, rotary)	<i>SM SR EN 60335-1:2014</i> <i>SM SR EN 60335-2-41(51):2010</i>	1b, 2	P CP-10-01 - Certification of the machines and electrotechnical products
8414	Electric air and vacuum pumps, compressors, fans and the like	SM SR EN 60335-1:2014 SM SR EN 60335-2-80:2010		
	Industrial electric fans Kitchen hoods	<i>SM SR EN 60204-1:2010</i> <i>SM SR EN 60335-2-31:2010</i> (withdrawn)		
8415	Air conditioners	<i>SM SR EN 60335-1:2014</i> <i>SM SR EN 60335-2-40:2010</i> <i>SM SR EN 60204-1:2010</i>		
8418	Refrigerators, electric freezers for home use	SM SR EN 60335-2-24:2011 SM SR EN 60335-2-89:2012		

	Commercial refrigeration equipment Compressors, including refrigerators	SM EN 60335-2-34:2014		
8422	Electric dishwashing machines: - analogues for household use, - for commercial use	SM EN 60335-2-5:2016		
8450	Electric washing machines: - including those with drying device, household and analog - semi-automatic - centrifugal juicers - electric wash basins for commercial use	SM SR EN 60335-2-7:2011 SM SR EN 60335-2-4:2011 SM SR EN 60335-2-11:2012 SM SR EN 60335-2-62:2010		
8467	Portable motor power tools. Power tools with transportable motor Drilling machines with percussion Grinding machines Lawn mowers Hammers, debtors Lawn and garden machines Sheet metal shears They kept a portable alternative Electric chain saw Stapling machines Manual electric hedge mowers and lawn mowers Clamping machines Portable motor power tools Screwdrivers and wrenches Manual grinding machines Angle saw	SM EN 60745-1:2014 SM EN 61029-1:2014 SM EN 60745-2-1:2014 SM EN 60745-2-3:2014 SM EN 62841-2-4:2016 SM EN 62841-2-5:2016 SM EN 60745-2-6:2014 SM EN 62841-2-14:2016 SM SR EN 60745-2-8:2010 SM EN 62841-2-11:2016 SM EN 60745-2-13:2014 SM EN 60745-2-16:2014 SM EN 60745-2-15:2014 SM EN 62841-2-2:2016 SM EN 62841-2-17:2018 SM EN 61029-2-9:2015 (withdrawn)		
8471	Electronic calculators, personal computers and the means of information technologies	SM SR EN 60950-1:2010 (withdrawn) SM EN 60065:2015 (withdrawn) SM EN 62368-1:2015		
8479	Electrical equipment of electrical machines and similar products	SM SR EN 60204-1:2010	1b, 2	P CP-10-01 - Certification of the machines and electrotechnical products
8501	Electric, rotary, asynchronous, motors	SM SR EN 60034-1:2011 SM SR EN 60034-14:2010 SM EN 61029-1:2014		
8504	Transformers and autotransformers for home appliances and battery chargers, voltage stabilizers	SM SR EN 60335-1:2014 SM SR EN 60335-2-29:2006 (CEI 335-2-29-2002)		
	Apparatus for general purpose lamps	SM EN 61347-1:2016		
	Inductive type starting and adjusting devices for discharge lamps, luminescent and fluorescent lamps (transistor ballasts; electronic ballasts)	SM SR EN 61347-2-8:2010		
	Photovoltaic converters for electricity supply	SM SR EN 62109-1:2012		
	Electromagnetic apparatus for discharge lamps (excluding fluorescent lamps)	SM SR EN 61347-2-9:2015 SM EN 61347-2- 12:2005/AC:2016		
	Battery-powered electronic equipment for security lighting (autonomous)	SM SR EN 61347-2-7:2014		
	Fluorescent lamps	SM EN 61347-2-3:2011		
	Lamps with batteries (Flashlights)	SM SR EN 61347-2-7:2014		
	Electronic equipment powered by DC or AC power for LED modules	SM EN 61347-2-13:2015		
	Incandescent lamps	SM SR EN 61347-2-2:2014		
	Apparatus for lamps	SM EN 61347-1:2016		
	Ballasts for fluorescent lamps	SM SR EN 61347-2-8:2010		
	Downstream electronic converters powered by direct current or alternating current for incandescent lamps	SM SR EN 61347-2-2:2014		
	Electronic inverters and converters for high-frequency supply of cold-discharge tubular lamps (neon tubes)	SM SR EN 61347-2-10:2010		
	Low voltage power supplies with decoupling	SM EN IEC 61204-7-2013		
	Starter with glow for fluorescent lamps	SM SR EN 60155:2010		
Photovoltaic converters for electricity supply	SM SR EN 62109-1:2012			
Audio / video equipment	SM EN 62368-1:2015		1b, 2	P CP-10-01 - Certification of the machines and electrotechnical products

8507	Batteries for accumulators	SM CEI 60095-1:2014 SM SR EN 61204-7:2013 SM SR EN 60254-1:2013 SM EN 60254-2:2014 SM SR EN 60896-11:2013		
	Stationary lead batteries	SM SR EN 61204-7:2013		
8508	Fans	SM SR EN 60335-2-80:2010		
	Vacuum cleaners and appliances for vacuum cleaning with water	SM SR EN 60335-2-2:2011		
	Vacuum cleaners operating in the presence of water or dry, including motor brushes, for commercial use	SM EN 60335-1:2014		
8515	Machines and apparatus for welding materials with electric arc or plasma jet	SM EN 60974-6:2016 SM SR EN 60974-1:2015		
	Cumulative water heaters	SM SR EN 60335-1:2014		
		Water heaters with storage	SM SR EN 60335-2-21:2010	1b, 2, 3
	Instantaneous water heaters	SM EN 60335-2-35:2016		
	Evaporators	SM SR EN 60335-2-101:2006		
	Milking machines	SM SR EN 60335-2-70:2006		
	Skin or hair care appliances	SM SR EN 60335-2-23:2010		
	Equipment for humidifying the air with heating, ventilating or air conditioning equipment	SM SR EN 60335-1:2014 SM SR EN 60335-2-88:2010		
	Water heater mattresses	SM SR EN 60335-2-66:2006		
	Blankets, pillows, clothing and similar flexible heating appliances	SM EN 60335-2-17:2015		
	Foot warmers and heating pads	SM SR EN 60335-2-81:2010		
	Flexible foil heating elements for room heating	SM SR EN 60335-2-96:2010		
	Electrical appliances for room heating: convection heaters, blower heaters, greenhouse heaters, liquid circulating radiators, heating panels, radiation heaters, tubular heaters	SM SR EN 60335-1:2014 SM SR EN 60335-2-30:2011		
	Multifunctional shower cabins	SM SR EN 60335-2-105:2010		
	Ironing machines	SM SR EN 60335-2-44:2006		
	Sauna heaters and infrared radiation booths	SM SR EN 60335-2-53:2013		
	Portable thermocouple	SM SR EN 60335-2-74:2006 SM SR EN 60335-2-73:2010		
	Cookers, hobs, ovens and the like for household appliances (toasters)	SM EN 60335-2-6:2016 SM SR EN 60335-2-9:2010		
8516	Electric heating hobs and similar appliances	SM SR EN 60335-2-12:2010		
	Electric fryers for commercial use Electric steak plates for commercial use	SM SR EN 60335-2-37:2010	1b, 2	P CP-10-01 - Certification of the machines and electrotechnical products
	Multifunctional electric cookers for commercial use	SM SR EN 60335-2-38:2010 SM SR EN 60335-2-39:2010		
	Forced convection electric ovens, electric steam cookers and commercial electric convection steam ovens	SM SR EN 60335-2-42:2010		
	Devices for destroying insects	SM SR EN 60335-2-59:2010		
	Electric heating cabinets for commercial use to keep food and dishes warm	SM SR EN 60335-2-49:2010		
	Electric kitchen machines for commercial use	SM SR EN 60335-2-64:2012		
	Oral hygiene apparatus	SM SR EN 60335-2-52:2010		
	Commercial baths-marie electric heaters for commercial use	SM SR EN 60335-2-50:2010		
	Outdoor electric grills	SM SR EN 60335-2-78:2010		
	Gas, oil and solid fuel appliances having electrical connections	SM EN 60335-2-102:2016		
	Room heaters, with storage	SM SR EN 60335-2-61:2010		
	Electric cookers, ovens, hobs and hobs for commercial use	SM SR EN 60335-2-36:2010		
	Electric pots for commercial use	SM SR EN 60335-2-47:2010		
	Humidifiers	SM SR EN 60335-2-98:2010		
	Heating mats and heating units installed under removable coverings covering the floor, for room heating	SM SR EN 60335-2-106:2010		
	Electrolyzers	SM SR EN 60335-2-108:2012		
	Electric irons	SM EN 60335-2-3:2016		

	Steamers for fabrics	SM SR EN 60335-2-85:2010		
	Electric fishing equipment	SM SR EN 60335-2-86:2010		
	Greases, toasters and the like	SM SR EN 60335-2-13:2011		
	Liquid heaters			
	Electric heaters for breeding and breeding animals	SM EN 60335-2-15:2016 SM SR EN 60335-2-71:2010		
	Microwave ovens, including combined microwave ovens	SM SR EN 60335-2-25:2015		
	Microwave ovens for commercial use	SM SR EN 60335-2-90:2010		
8528	Monitors and projectors, which do not incorporate a television receiver Television receivers, whether or not incorporating a radio-fusion receiving apparatus or a sound or image recording or reproducing apparatus Digital image projectors	SM SR EN 60950-1:2010 (withdrawn) SM EN 60065:2015 SM EN 62368-1:2015		
8531	Electrical signaling and control equipment	SM SR EN 60950-1:2010 (withdrawn) SM EN 62368-1:2015		
	Electrical signaling and control equipment	SM SR EN 60335-1:2014 SM SR EN 50194-1:2011		
	Automatic control devices for home use	SM EN 60730-1:2018		
8535	Switches (voltage class up to 1000V, currents up to 6300A)	SM SR EN 60898-1:2010 GOST 12.2.007.3-75 (withdrawn) SM SR EN 61240:2010 SM SR EN 50274:2010		
	Switches (voltage class up to 1000V)	SM SR EN 60947-5-1:2018 GOST 12.2.007.3-75 (withdrawn) SM SR EN 60947-6-1:2010 SM SR EN 61240:2010 SM SR EN 50274:2010		
	Switches (voltage class up to 1000V, currents up to 150000A)	SM SR EN 60947-3:2011		
8535	Switches, electric knots combined with fuses, automatic alternating current switches with frequency 50 or 60 H, rated voltage not exceeding 440 V and the like; contactors and starters	SM EN 60669-1:2018 SM SR EN 60898-1:2010 SM SR EN 60947-4-1:2014		
8537 3925	ЩО, BZUM (voltage class up to 1000V)	SM SR EN 61439-1:2013	1b, 2, 3	P CP-10-01 - Certification of the machines and electrotechnical products
	Panels, desks, cabins and other supports for the distribution of electricity	SM SR EN 61439-3:2014 SM SR EN 60670-1:2010		
8539 8541	General purpose lamps		1b, 2	P CP-10-01 - Certification of the machines and electrotechnical products
	Incandescent lamps	SM SR EN 60432-1:2010		
	Discharge lamps	SM EN 62035:2015		
	LED lamps	SM SR EN 62560:2014		
	Fluorescent lamps with integrated ballast	SM EN 60968:2016		
	Fluorescent lamps with two sockets	SM SR EN 61195-2010		
Fluorescent lamps with a single socket	SM SR EN 61199-2013			
8544	Electric cables and conductors	GOST 16442-80 GOST 12.2.007.14-75 (withdrawn) SM HD 603 S1:2015 SM HD 621 S1:2016 SM SR EN 50525-2-12:13 GOST 26445-85 (withdrawn) SM SR EN 60228:2010 GOST 1508-78 E (withdrawn)	1b, 2, 3	P CP-10-01 - Certification of the machines and electrotechnical products
		Multiple metal cables used for telecommunications and signaling systems		
8546 3925	Electrical insulators from different insulated materials	GOST 1232-93 (withdrawn) GOST 10693-81 (withdrawn) GOST 28856-90 (withdrawn) GOST 9984-85 (withdrawn) GOST 22229-83 E GOST 6490-93 (withdrawn) GOST 17675-87 (withdrawn) SM CEI/TS 60815-1:2014 SM CEI/TS 60815-2:2014	1b, 2	P CP-10-01 - Certification of the machines and electrotechnical products

		<i>SM SR EN 61386-1:2012</i> <i>SM SR EN 61386-21:2010</i> <i>SM SR EN 61386-22:2010</i> <i>SM SR EN 61386-23:2010</i> <i>SM SR EN 61386-24:2012</i>		
* With <i>bold italic</i> characters are marked harmonized EN standards, published in the Official Journal of European Union under the relevant EU legislative act (Regulation/Directive)				

LIST
of Conformity Assessment Bodies (CAB) in the field of
machinery

1. „Certificare” SRL, testing laboratory
(Annex, Certificate of Accreditation # LI-076 of 17.06.2016)

1.1. Tests performed in permanent premises

#	Scope of accreditation		
	Type of test/analysis	Product name	Normative document/standard *
Visual methods			
1	1 Classification 2 Marking and instructions	1 Household electrical appliances and for similar purposes	SM SR EN 60335-1:2014/A11:2016/A12:2018/A13:2018 chap. 6, 7
		3 Portable machine tools with built-in motor	SM EN 60745-1:2014/A11:2014 chap. 7, 8
		5 Transportable power tools with motor	SM EN 61029-1:2014/A11:2014 chap. 6, 7
		6 Stationary electrical equipment and systems	SM SR EN 60204-1:2010/A1:2011/AC:2014 chap.16;18
		22 Production equipment	GOST 12.2.003-91 a rt. 2.11
2	1 Protection against electric shocks 2 Stability and mechanical hazards 3 Construction 4 Start	1 Household electrical appliances and for similar purposes	SM SR EN 60335-1:2014/A11:2016/A12:2018/A13:2018 chap. 8, 20, 22
		4 Portable machine tools with built-in motor	SM EN 60745-1:2014/A11:2014 chap. 9, 10, 21, 26
		5 Transportable power tools with motor	SM EN 61029-1:2014/A11:2014 chap. 8, 9, 18, 20
		6 Stationary electrical equipment and systems	SM SR EN 60204-1:2010/A1:2011/AC:2014 chap. 6, 11, 14.4
		9 Production equipment	GOST 12.2.003-91 art. 2.1÷2.1.10, 2.3, 2.4
3	1 Internal conductors 2 Component element 3 Mains connection and external flexible cords 4 Terminals 5 Provisions regarding the protection ground connection 6 Screws and connections	1 Household electrical appliances and for similar purposes	SM SR EN 60335-1:2014/A11:2016/A12:2018/A13:2018 chap. 23; 24; 25; 26; 27; 28
		4 Portable machine tools with built-in motor	SM EN 60745-1:2014/A11:2014 chap. 22; 23; 24; 25; 26; 27
		5 Transportable power tools with motor	SM EN 61029-1:2014/A11:2014 chap. 21; 22; 23; 24; 25; 26
		6 Stationary electrical equipment and systems	SM SR EN 60204-1:2010/A1:2011/AC:2014 art. 5.1; 5.2; 8.2; 12.1; 13.1.1; 13.2.2
		19 Production equipment	GOST 12.2.003-91 art. 2.1.11
Electrophysical methods			
4	1 Power and current consumed	1 Household electrical appliances and for similar purposes	SM SR EN 60335-1:2014/A11:2016/A12:2018/A13:2018 chap. 10
		3 Portable machine tools with built-in motor	SM EN 60745-1:2014/A11:2014 chap. 11
		4 Transportable power tools with motor	SM EN 61029-1:2014/A11:2014 chap. 10
5	1 The leakage current	1 Household electrical appliances and for similar purposes	SM SR EN 60335-1:2014/A11:2016/A12:2018/A13:2018 art. 13.2; 16.2
		4 Portable machine tools with built-in motor	SM EN 60745-1:2014/A11:2014 chap. 13
		5 Transportable power tools with motor	SM EN 61029-1:2014/A11:2014 chap. 12
6	1 Insulation resistance	3 Portable machine tools with built-in motor	SM EN 61029-1:2014/A11:2014 chap. 15
		4 Stationary electrical equipment and systems	SM SR EN 60204-1:2010/A1:2011/AC:2014 art. 18.3
		17 Production equipment	GOST 12.2.003-91 art. 2.1.11
7	1 Dielectric rigidity	1 Household electrical appliances and for similar purposes	SM SR EN 60335-1:2014/A11:2016/A12:2018/A13:2018 art. 13.3, 16.3
		4 Portable machine tools with built-in motor	SM EN 60745-1:2014/A11:2014 chap. 15
		5 Transportable power tools with motor	SM EN 61029-1:2014/A11:2014 chap. 15
		6 Stationary electrical equipment and systems	SM SR EN 60204-1:2010/A1:2011/AC:2014 art. 12.3, 18.4
8	1 Determination of the resistance of the protective earth connection circuit and the electrical resistance	1 Household electrical appliances and for similar purposes	SM SR EN 60335-1:2014/A11:2016/A12:2018/A13:2018 art. 27.5
		3 Portable machine tools with built-in motor	SM EN 60745-1:2014/A11:2014 art. 26.5
		4 Transportable power tools with motor	SM EN 61029-1:2014/A11:2014 art. 25.5
		5 Stationary electrical equipment and systems	SM SR EN 60204-1:2010/A1:2011/AC:2014 art. 18.2
		12 Production equipment	GOST 12.2.003-91 art. 2.1.11
Instrumental measures			
9	1 Linear and angular measurements	1 Household electrical appliances and for similar purposes	SM SR EN 60335-1:2014/A11:2016/A12:2018/A13:2018 art. 25.8; 29
		4 Portable machine tools with built-in motor	SM EN 60745-1:2014/A11:2014 art. 24.5, 25.2, chap.28
		5 Transportable power tools with motor	SM EN 61029-1:2014/A11:2014 art. 23.4, 24.2, chap.27
		6 Stationary electrical equipment and systems	SM SR EN 60204-1:2010/A1:2011/AC:2014 art. 5.3.4, 8.2.8, 12.2

		19 Production equipment	GOST 12.2.003-91 art. 2.2
Mechanical methods			
10	1 Mechanical resistance	1 Household electrical appliances and for similar purposes	<i>SM SR EN 60335-1: 2014/A11:2016/A12:2018/A13:2018</i> chap. 21
		4 Portable machine tools with built-in motor	<i>SM EN 60745-1:2014/A11:2014</i> chap. 20
		5 Transportable power tools with motor	<i>SM EN 61029-1:2014/A11:2014</i> chap. 19
* With <i>bold italic</i> characters are marked harmonized EN standards, published in the Official Journal of European Union under the relevant EU legislative act (Regulation/Directive)			

1.2. Tests performed at the CAB client

#	Scope of accreditation		
	Type of test/analysis	Product name	Normative document/standard *
Visual methods			
1	1 Classification 2 Marking and instructions	1 Household electrical appliances and for similar purposes	<i>SM SR EN 60335-1:2014/A11:2016/A12:2018/A13:2018</i> chap. 6, 7
		3 Transportable power tools with motor	<i>SM EN 61029-1:2014/A11:2014</i> chap. 6, 7
		4 Stationary electrical equipment and systems	<i>SM SR EN 60204-1:2010/A1:2011/AC:2014</i> chap. 16, 18
		5 Production equipment	GOST 12.2.003-91 art. 2.11
2	1 Protection against electric shocks 2 Stability and mechanical hazards 3 Construction 4 Start	1 Household electrical appliances and for similar purposes	<i>SM SR EN 60335-1: 2014/A11:2016/A12:2018/A13:2018</i> chap. 8, 20, 22
		3 Transportable power tools with motor	<i>SM EN 61029-1:2014/A11:2014</i> chap. 8, 9, 10, 20
		4 Stationary electrical equipment and systems	<i>SM SR EN 60204-1:2010</i> chap. 6, 11, 14.4
3	1 Internal conductors 2 Component element 3 Mains connection and external flexible cords 4 Terminals 5 Provisions regarding the protection ground connection 6 Screws and connections	1 Household electrical appliances and for similar purposes	<i>SM SR EN 60335-1: 2014/A11:2016/A12:2018/A13:2018</i> chap. 23; 24; 25; 26; 27; 28
		3 Transportable power tools with motor	<i>SM EN 61029-1:2014</i> chap. 21; 22; 23; 24; 25; 26
		4 Stationary electrical equipment and systems	<i>SM SR EN 60204-1:2010/A1:2011/AC:2014</i> art. 5.1; 5.2; 8.2; 12.1; 13.1.1; 13.2.2
Electrophysical methods			
4	1 Power and current consumed	1 Household electrical appliances and for similar purposes	<i>SM SR EN 60335-1: 2014/A11:2016/A12:2018/A13:2018</i> chap. 10
		3 Transportable power tools with motor	<i>SM EN 61029-1:2014/A11:2014</i> chap. 10
5	1 The leakage current (contact current)	1 Household electrical appliances and for similar purposes	<i>SM SR EN 60335-1: 2014/A11:2016/A12:2018/A13:2018</i> art. 13.2; 16.2
		3 Transportable power tools with motor	<i>SM EN 61029-1:2014/A11:2014</i> chap. 12
6	1 Insulation resistance	2 Transportable power tools with motor	<i>SM EN 61029-1:2014/A11:2014</i> chap. 15
		3 Stationary electrical equipment and systems	<i>SM SR EN 60204-1:2010/A1:2011/AC:2014</i> art. 18.3
7	1 Determination of the resistance of the protective earth connection circuit and the electrical resistance	1 Household electrical appliances and for similar purposes	<i>SM SR EN 60335-1: 2014/A11:2016/A12:2018/A13:2018</i> art. 27.5
		3 Transportable power tools with motor	<i>SM EN 61029-1:2014/A11:2014</i> art. 25.5
		4 Stationary electrical equipment and systems	<i>SM SR EN 60204-1:2010/A1:2011/AC:2014</i> art. 18.2
Instrumental measures			
8	1 Linear and angular measurements	1 Household electrical appliances and for similar purposes	<i>SM SR EN 60335-1: 2014/A11:2016/A12:2018/A13:2018</i> art. 25.8; 25.15; 29
		3 Transportable power tools with motor	<i>SM EN 61029-1:2014/A11:2014</i> art. 23.4, 24.2, chap.27
		4 Stationary electrical equipment and systems	<i>SM SR EN 60204-1:2010/A1:2011/AC:2014</i> art. 5.3.4, 8.2.8, 12.2
		5 Production equipment	GOST 12.2.003-91 art. 2.2
Mechanical methods			
9	1 Mechanical resistance	1 Household electrical appliances and for similar purposes	<i>SM SR EN 60335-1: 2014/A11:2016/A12:2018/A13:2018</i> chap. 21
		3 Transportable power tools with motor	<i>SM EN 61029-1:2014 /A11:2014</i> chap. 19
* With <i>bold italic</i> characters are marked harmonized EN standards, published in the Official Journal of European Union under the relevant EU legislative act (Regulation/Directive)			

**2. IS "Center for Applied Metrology and Certification", testing laboratory
(Annex, Certificate of Accreditation # LI-093 of 23.11.2016)**

2.1. Tests performed in permanent premises

#	Scope of accreditation		
	Type of test/analysis	Product name	Normative document/standard *
Visual methods			
1	1 Classification 2 Marking	1 Household electrical appliances and for similar purposes	<i>SM SR EN 60335-1:2014</i> , chap. 6, 7 (SM EN 60335-1:2012/A11:2016/A12:2018 /A13:2018)
		5 Portable power tools with motor	<i>SM EN 60745-1:2014/A11:2014</i> , chap. 7, 8
		6 Transportable power tools with motor	<i>SM EN 61029-1:2014/A11:2014</i> , chap.6, 7
2	1 Construction 2 Protection against accessibility to active parts 3 Stability and mechanical hazards	1 Household electrical appliances and for similar purposes	<i>SM SR EN 60335-1:2014</i> , chap. 8; 20; 22 (excluding art. 22.3; 22.6) (SM EN 60335-1:2012/A11:2016/A12:2018 /A13:2018)
		5 Portable power tools with motor	<i>SM EN 60745-1:2014/A11:2014</i> , chap. 9, 20, 21
		6 Transportable power tools with motor	<i>SM EN 61029-1:2014/A11:2014</i> , chap. 8; 18; 20
3	1 Wiring, connections and power supply 2 Elements and components 3 Terminals for conductors 4 Screws and connections	1 Household electrical appliances and for similar purposes	<i>SM SR EN 60335-1:2014</i> , chap. 23; 24; 25 (excluding art. 25.15); 26; 28 (excluding art. 28.1, art. 28.2) (SM EN 60335-1:2012/A11:2016/A12:2018 /A13:2018)
		4 Portable power tools with motor	<i>SM EN 60745-1:2014/A11:2014</i> , chap. 22; 23; 24; 25; 27
		5 Transportable power tools with motor	<i>SM EN 61029-1:2014/A11:2014</i> , chap. 21; 22; 23; 24; 26
		8 Electrical equipment of machines	<i>SM SR EN 60204-1:2010/A1:2011/AC:2014</i> , chap. 22
Electrophysical methods			
4	1 Measurement of power and current	1 Household electrical appliances and for similar purposes	<i>SM SR EN 60335-1:2014</i> , chap. 10 (SM EN 60335-1:2012/A11:2016/A12:2018 /A13:2018)
		4 Portable power tools with motor	<i>SM EN 60745-1:2014/A11:2014</i> , chap. 11
		5 Transportable power tools with motor	<i>SM EN 61029-1:2014/A11:2014</i> , chap. 10
5	1 Measurement of leakage current (contact current)	1 Household electrical appliances and for similar purposes	<i>SM SR EN 60335-1:2014</i> , art. 13.1, 13.2 (SM EN 60335-1:2012/A11:2016/A12:2018 /A13:2018)
		4 Portable power tools with motor	<i>SM EN 60745-1:2014/A11:2014</i> , chap. 13
		5 Transportable power tools with motor	<i>SM EN 61029-1:2014/A11:2014</i> , chap. 12
6	Measurement of insulation resistance (Measurement of electrical resistance)	1 Household electrical appliances and for similar purposes	SM EN 62368-1:2015/AC:2015/A11:2017/AC:2017, art. 5.4.5.3
		3 Portable power tools with motor	<i>SM EN 60745-1:2014/A11:2014</i> , chap. 14
		4 Transportable power tools with motor	<i>SM EN 61029-1:2014/A11:2014</i> , chap. 15.2
		7 Electrical equipment of machines	<i>SM SR EN 60204-1:2010/A1:2011/AC:2014</i> , art. 18.3
7	1 Dielectric rigidity test (Voltage test)	1 Household electrical appliances and for similar purposes	<i>SM SR EN 60335-1:2014</i> , art. 13.3 (SM EN 60335-1:2012/A11:2016/A12:2018 /A13:2018)
		5 Portable power tools with motor	<i>SM EN 60745-1:2014/A11:2014</i> , chap. 15
		6 Transportable power tools with motor	<i>SM EN 61029-1:2014/A11:2014</i> , chap. 15.3
		9 Electrical equipment of machines	<i>SM SR EN 60204-1:2010/A1:2011/AC:2014</i> , art. 18.4
8	1 Testing the protective earth connection circuit	1 Household electrical appliances and for similar purposes	<i>SM SR EN 60335-1:2014</i> , art. 27.5 (SM EN 60335-1:2012/A11:2016/A12:2018 /A13:2018)
		4 Portable power tools with motor	<i>SM EN 60745-1:2014/A11:2014</i> , chap. 26
		5 Transportable power tools with motor	<i>SM EN 61029-1:2014/A11:2014</i> , chap. 25
Instrumental measures			
9	1 Determination of insulation distances in air, surface and insulation	1 Household electrical appliances and for similar purposes	<i>SM SR EN 60335-1:2014</i> , chap. 29 (SM EN 60335-1:2012/A11:2016/A12:2018 /A13:2018)
		5 Portable power tools with motor	<i>SM EN 60745-1:2014/A11:2014</i> , chap. 28
		6 Transportable power tools with motor	<i>SM EN 61029-1:2014/A11:2014</i> , chap. 27

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2.2. Tests performed at the CAB client

#	Scope of accreditation		
	Type of test/analysis	Product name	Normative document/standard *
Visual methods			
1	1 Classification 2 Marking	1 Household electrical appliances and for similar purposes	<i>SM SR EN 60335-1:2014</i> , chap. 6, 7 (SM EN 60335-1:2012/A11:2016/A12:2018 /A13:2018)
		4 Transportable power tools with motor	<i>SM EN 61029-1:2014/A11:2014</i> , chap. 6, 7
2	1 Construction 2 Protection against accessibility to active parts 3 Stability and mechanical hazards	1 Household electrical appliances and for similar purposes	<i>SM SR EN 60335-1:2014</i> , chap. 8; 20; 22 (excluding art. 22.3; 22.6) (SM EN 60335-1:2012/A11:2016/A12:2018 /A13:2018)
		4 Transportable power tools with motor	<i>SM EN 61029-1:2014/A11:2014</i> , chap. 8; 18; 20
		5 Electrical equipment of machines	<i>SM SR EN 60204-1:2010/A1:2011/AC:2014</i> , chap. 6

3	1 Wiring, connections and power supply	1 Household electrical appliances and for similar purposes	SM SR EN 60335-1:2014 , chap. 23; 24; 25 (excluding art. 25.15); 26; 28 (excluding art. 28.1, art. 28.2) (SM EN 60335-1:2012/A11:2016/A12:2018 /A13:2018)
	2 Elements and components		
	3 Terminals for conductors	3 Transportable power tools with motor	SM EN 61029-1:2014/A11:2014 , chap. 21; 22; 23; 24; 26
	4 Screws and connections	4 Electrical equipment of machines	SM SR EN 60204-1:2010/A1:2011/AC:2014 , chap. 22
Electrophysical methods			
4	1 Measurement of power and current	1 Household electrical appliances and for similar purposes	SM SR EN 60335-1:2014 , chap. 10 (SM EN 60335-1:2012/A11:2016/A12:2018 /A13:2018)
		3 Transportable power tools with motor	SM EN 61029-1:2014/A11:2014 , chap. 10
5	1 Measurement of leakage current (contact current)	1 Household electrical appliances and for similar purposes	SM SR EN 60335-1:2014 , art. 13.1, 13.2 (SM EN 60335-1:2012/A11:2016/A12:2018 /A13:2018)
		4 Transportable power tools with motor	SM EN 61029-1:2014/A11:2014 , chap. 12
6	Measurement of insulation resistance (Measurement of electrical resistance)	1 Household electrical appliances and for similar purposes	SM EN 62368-1:2015/AC:2015/A11:2017/AC:2017, art. 5.4.5.3
		3 Transportable power tools with motor	SM EN 61029-1:2014/A11:2014 , chap. 15.2
7	1 Dielectric rigidity test	1 Household electrical appliances and for similar purposes	SM SR EN 60335-1:2014 , art. 13.3 (SM EN 60335-1:2012/A11:2016/A12:2018 /A13:2018)
		4 Transportable power tools with motor	SM EN 61029-1:2014/A11:2014 , chap. 15.3
8	1 Testing the protective earth connection circuit	1 Household electrical appliances and for similar purposes	SM SR EN 60335-1:2014 , art. 27.5 (SM EN 60335-1:2012/A11:2016/A12:2018 /A13:2018)
		4 Transportable power tools with motor	SM EN 61029-1:2014/A11:2014 , chap. 25
Instrumental measures			
9	1 Determination of insulation distances in air, surface and insulation	1 Household electrical appliances and for similar purposes	SM SR EN 60335-1:2014 , chap. 29 (SM EN 60335-1:2012/A11:2016/A12:2018 /A13:2018)
		4 Transportable power tools with motor	SM EN 61029-1:2014/A11:2014 , chap. 27
* With bold italic characters are marked harmonized EN standards, published in the Official Journal of European Union under the relevant EU legislative act (Regulation/Directive)			

**3. National Agency for Public Health, testing laboratory
(Annex, Certificate of Accreditation # LI -044 of 17.02.2018)**

3.1. Tests performed in permanent premises

#	Scope of accreditation		
	Type of test/analysis	Product name	Normative document/standard
Methods by atomic absorption spectrometry			
1	Determination of toxic metals: Pb, Cd, Cu, Zn, Fe	Materials and objects intended to come into contact with foodstuffs made of plastics, paper, wood, glass, earthenware, ceramic, stainless steel, tefal, enamel, etc.	GOST 30178-96, POS 2.31-09, ed.1, rev.1/ 2017
Photocolorimetric methods			
4	Determination of arsenic	Materials and articles intended to come into contact with foodstuffs made of plastics, paper, wood, etc.	POS 2.44, ed.1, rev. 1/2017 (GOST 26930-86)
10	Determination of formic aldehyde	Materials and articles intended to come into contact with foodstuffs made of plastics, paper, wood, etc.	POS 2.49, ed.1, rev.1/2017 (RD 52.24.492-95)
		Electrical machinery and appliances, including used in the food sector	
11	Determination of methanol	Materials and articles intended to come into contact with foodstuffs made of plastics	POS 2.85, ed.1, rev.1/2017 (IM 880-71 p.69-71)
12	Determination of phenol	Materials and articles intended to come into contact with foodstuffs made of plastics	RD 52.04.186-89 (art.5.3.35) POS 2.40, ed.1, rev.2/2012 (air) POS 2.86, ed.1, rev.1/2017 (simulants) - IM 880-71 art.91)
Method gascromatography (FID) / HS SI TD-2010			
25	Determination of styrene, benzene methanol, vinyl acetate	Materials and articles intended to come into contact with foodstuffs made of plastics	POS 2.33 ed.1, rev.3/2018 (RM 1864-78 (only styrene, benzene)) POS-2.88 ed.1, rev.1/2017 (RM N 01.024-07 (HS))
26	Determination of phthalates (dibutylphthalate, dioctylphthalate, dimethylphthalate, dimethyl terephthalate, diethylphthalate, butylbenzylphthalate)	Materials and articles intended to come into contact with foodstuffs made of plastics	POS 2.35 , ed.1, rev.3/2017 (RM 01.025-2007)
Toxicological methods			
40	Determination of toxic properties on cell culture	Polymer articles	IM # 352 of 13.05.2016, POS 1.16, ed.1, rev.1/2016
Radiological methods			
63	Determination of radionuclides: Strontium-90 Cesium-137	Materials and objects made of plastics, paper, wood used in the food sector Articles made of glass, faience, ceramics, stainless steel, tefal, enamel, cast iron, steel, aluminum for use in the food sector	NFRP -2000 06.5.3.34-2001 POS 3.01 ed.2 rev.1/2017 POS 3.02 ed.2 rev.1/2017 POS 3.06 ed.2 rev.1/2017
64	Determining the specific effective activity of natural radionuclides	Paper materials and articles, wood used in the food sector Articles made of glass, faience, ceramics, stainless steel, tefal, enamel, cast iron, steel, aluminum for use in the food sector	NFRP -2000 06.5.3.34-2001 RNI 06.5.3.35 05.03.2001 POS 3.03 edition 1 revision 1/2017 POS 3.06 edition 2 revision 1/2017
65	Determination of the flow rate of the equivalent dose range, of the level of contamination	Metals and metals waste	NFRP -2000 06.5.3.34-2001 RNI 06.5.3.35 05.03.2001 POS 3.03 ediția1 revizia1/2017 POS 3.05 ediția2 revizia1/2017 POS 3.06 ediția2 revizia1/2017

**4. IS "Center for Applied Metrology and Certification", certification body
(Annex 21, Certificate of Accreditation # OCpr-001 of 10.09.2018)**

Product code	Product name	Normative document/standard *	Certification scheme	Document describing scheme
8422	Dishwashers	SM EN 60335-2-5:2016	1b, 2	PC – 1i Certification procedure for electronic products, electrotechnical devices and devices, luminaires
8450	Washing machines	SM SR EN 60335-2-7:2011 *SM SR EN 55014-1:2014 SM EN 55014-1:2017		
8467	Power tools with motor	SM EN 60745-1:2014 SM EN 60745-2-1:2014 SM EN 60745-2-3:2014 SM SR EN 60745-2-4:2014 SM EN 62841-2-4:2016 SM EN 60745-2-5:2014 SM EN 62841-2-5:2016 SM EN 60745-2-6:2014 SM EN 60745-2-13:2014 SM EN 60745-2-14:2014 SM EN 62841-2-14:2016 SM EN 60745-2-17:2014 SM EN 61029-1:2014 SM SR EN 60204-1:2010 SM EN 62841-2-17:2018		
8479	Electrical equipment of electric machines and similar products	SM SR EN 60204-1:2010		
8509	Household electrical appliances and for similar purposes	SM SR EN 60335-1:2014 SM SR EN 60335-2-14:2010	2, 1b	PC – 1i Certification procedure for electronic products, electrotechnical devices and devices, luminaires
8510	Electric shavers, mowers and the like	SM EN 60335-2-8:2016		
8516	Electrical appliances for skin and hair care and analogs High pressure cleaners and steam cleaners	SM SR EN 60335-2-23:2010 SM EN 60335-2-79:2015		
8531	Electrical signaling and control equipment	SM SR EN 60335-1:2014 SM SR EN 50194-1:2011 SM EN 54-1:2019	2, 1b	PC - 1i Certification procedure for electronic products, electrotechnical devices and devices, luminaires
* With bold italic characters are marked harmonized EN standards, published in the Official Journal of European Union under the relevant EU legislative act (Regulation/Directive)				

**5. SC „Inspectie-Certificare-Calitate” SRL, certification body
(Annex 13, Certificate of Accreditation # OCpr-003 of 29.11.2018)**

Product code	Product name	Normative document/standard *	Certification scheme	Document describing scheme
8422	Dishwashing machines; machines and apparatus for cleaning or drying bottles or other containers; machines and apparatus for filling, closing or labeling bottles, boxes, bags or other containers; capsule machines for bottles, jars, tubes; machines and apparatus for packing goods (including under heat shrinkable foil)	SM EN 60335-2-5:2016 SM SR EN 60335-2-45:2010	2, 1b	PC "ICC" -7-1 General procedure. "Certification of products" PC "ICC" -7-1.1 Certification procedure for homogeneous products. "Certification of electrical and electronic products" PC "ICC" -7-3 "Evaluation of the production process. Periodic evaluation of certified products"
8450	Washing machines, including those with drying device, for use domestic and analog	SM SR EN 60335-2-7:2011	2, 3, 1b	
8467	Pneumatic, hydraulic or electric or non-electric power tools built-in, for manual use	SM EN 60745-1:2014 SM EN 60745-2-1:2014 SM EN 60745-2-3:2014 SM EN 60745-2-5:2014 SM EN 60745-2-6:2014 SM EN 60745-2-13:2014	2, 1b	
8509	Electric shaving and shaving machines	SM EN 60335-2-8:2016		
8516	Electrothermal apparatus for hairdressing (hair dryers, hairdressing headsets, hair curlers) or for drying hands	SM SR EN 60335-2-23:2010		
* With bold italic characters are marked harmonized EN standards, published in the Official Journal of European Union under the relevant EU legislative act (Regulation/Directive)				

**6. SRL "Technical Center for Industrial Security and Certification", certification body
(Annex 9, Certificate of Accreditation # OCpr-015 of 18.02.2017)**

Product code	Product name	Normative document/standard *	Certification scheme	Document describing scheme
8422	Electric dishwashing machines: - analogues for household use, - for commercial use	SM EN 60335-2-5:2016	1b, 2	P CP-10-01 - Certification of the machines and electrotechnical products
8450	Electric washing machines: - including those with drying device, household and analog - semi-automatic - centrifugal juicers - electric wash basins for commercial use	SM SR EN 60335-2-7:2011 SM SR EN 60335-2-4:2011 SM SR EN 60335-2-11:2012 SM SR EN 60335-2-62:2010		
8467	Portable motor power tools. Power tools with transportable motor Drilling machines with percussion Grinding machines Lawn mowers Hammers, debtors Lawn and garden machines Sheet metal shears They kept a portable alternative Electric chain saw Stapling machines Manual electric hedge mowers and lawn mowers Clamping machines Portable motor power tools Screwdrivers and wrenches Manual grinding machines They angled the saw	<i>SM EN 60745-1:2014</i> <i>SM EN 61029-1:2014</i> <i>SM EN 60745-2-1:2014</i> <i>SM EN 60745-2-3:2014</i> <i>SM EN 62841-2-4:2016</i> <i>SM EN 62841-2-5:2016</i> <i>SM EN 60745-2-6:2014</i> <i>SM EN 62841-2-14:2016</i> <i>SM SR EN 60745-2-8:2010</i> <i>SM EN 62841-2-11:2016</i> <i>SM EN 60745-2-13:2014</i> <i>SM EN 60745-2-16:2014</i> <i>SM EN 60745-2-15:2014</i> <i>SM EN 62841-2-2:2016</i> <i>SM EN 62841-2-17:2018</i> <i>SM EN 61029-2-9:2015</i> (withdrawn)		
8479	Electrical equipment of electrical machines and similar products	<i>SM SR EN 60204-1:2010</i>		
8501	Electric, rotary, asynchronous, motors	SM SR EN 60034-1:2011 SM SR EN 60034-14:2010 <i>SM EN 61029-1:2014</i>		
8508	Vacuum cleaners and appliances by water suction	SM SR EN 60335-2-2:2011		
	Vacuum cleaners operating in the presence of water or dry, including motor brushes, for commercial use	<i>SM EN 60335-1:2014</i>		
	Spray and suction cleaning machines for commercial use	<i>SM EN 60335-2-68:2015</i>		
	Skin or hair care appliances	<i>SM SR EN 60335-2-23:2010</i>		
* With <i>bold italic</i> characters are marked harmonized EN standards, published in the Official Journal of European Union under the relevant EU legislative act (Regulation/Directive)				

**LIST
of Conformity Assessment Bodies (CAB) in the field of
personal protective equipment**

**1. „Pielart-AIRIN” SRL, testing laboratory
(Annex 2, Certificate of Accreditation # LI-016 of 14.04.2017)**

#	Scope of accreditation		
	Type of test/analysis	Product name	Normative document/standard *
Physical-mechanical methods			
1	Determination of moisture resistance at long saturation, hermeticity, breaking resistance, elongation relative to maximum load, magnet breakage attempt, loop fastening, resistance at perforation and tearing, the resistance of the seams of the faces, the resistance of fixing the soles and the lower parts. Load test for leaflets and sliding mechanisms	Protective clothing for hands	<i>SM EN 388:2017</i> , art. 6.4, 6.5
		Footwear	GOST 9290–76 (withdrawn); GOST 9292–82 (withdrawn)
* With <i>bold italic</i> characters are marked harmonized EN standards, published in the Official Journal of European Union under the relevant EU legislative act (Regulation/Directive)			

**2. National Agency for Public Health, testing laboratory
(Annex, Certificate of Accreditation # LI -044 of 17.02.2018)**

#	Scope of accreditation		
	Type of test/analysis	Product name	Normative document/standard *
Methods by atomic absorption spectrometry			
1	Determination of toxic metals: Pb, Cd, Cu, Zn, Fe	Clothes and footwear for children and adults	GOST 30178-96, POS 2.31-09, ed.1, rev.1/ 2017
Photocolorimetric methods			
8	Determination of ammonia	Articles of fabrics and footwear for children and adults	POS 2.6, ed.1, rev.2 / 2017 (IM 1637-77)
10	Determination of formic aldehyde	Articles of fabrics and footwear for children and adults	POS 2.7 ed.1, rev.2 (air RD 52.04.186-89)
12	Determination of phenol	Articles of fabrics and footwear for children and adults	RD 52.04.186-89 (p.5.3.35) POS 2.40, ed.1, rev.2/2012(air) POS 2.86, ed.1, rev.1/2017 (simulants) - IM 880-71 p.91)
Toxicological methods			
40	Determination of toxic properties on cell culture	Polymer articles	IM no. 352 of 13.05.2016, POS 1.16, ed.1, rev.1/2016

**3. IS "Center for Applied Metrology and Certification", certification body
(Annex 10, Certificate of Accreditation # OCpr-001 of 10.09.2018)**

Product code	Product name	Normative document/standard *	Certification module	Document describing module
6116	Protective gloves	<i>SM SR EN 420+A1:2012</i>	CE type examination	GD no. 1289 of 02.02.2016 PC-5i Certification procedure for textile materials, clothing and clothing accessories.
	Gloves, gloves with one finger, protection against mechanical risks, knitted	<i>SM EN 388+A1:2019</i>		
6216	Protective gloves	<i>SM SR EN 420+A1:2012</i>		
	Protective gloves against mechanical risks	<i>SM EN 388+A1:2019</i>		
	Protective gloves for firefighters	<i>SM SR EN 659+A1:2012</i>		
	Gloves for protection against thermal risks (heat and / or fire)	<i>SM SR EN 407:2010</i>		
6211	Protective clothing. General requirements	SM SR EN 340:2010 <i>SM EN ISO 13688:2014</i>		
	High visibility clothing. Test methods and requirements	<i>SM SR EN ISO 20471:2014</i>		
	Protective clothing. Warning clothing for unprofessional use	<i>SM SR EN 1150:2010</i>		
	Protective clothing. Rain protection	<i>SM SR EN 343+A1:2010</i>		

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**4. IS "Center for Applied Metrology and Certification", certification body
(Annex 11, Certificate of Accreditation # OCpr-001 of 10.09.2018)**

Product code	Product name	Normative document/standard *	Certification module	Document describing module	
Regulated area					
Government Decision no.1289 from 02.02.2016 on the approval of the Technical Regulation regarding the individual protective equipment					
4203	Protective gloves	<i>SM SR EN 420+A1:2012</i>	CE type examination	GD no. 1289 of 02.02.2016 PC-5i Procedure for certification of textiles, clothing and clothing accessories	
	Protective gloves against mechanical risks in natural or reconstructed leather	<i>SM EN 388+A1:2019</i>			
	Protective gloves for firefighters	<i>SM SR EN 659+A1:2012</i>			
	Gloves for protection against thermal risks (heat and / or fire)	<i>SM SR EN 407:2010</i>			
6401 6402 6403	Personal protective equipment. Safety shoes	<i>SM SR EN ISO 20345:2014</i>		PC-6i Procedure for the certification of footwear, belts, suitcases, bags and other leather goods	
6401 6402 6403	Personal protective equipment. Safety shoes	<i>SM SR EN ISO 20346:2016</i>			
6401 6402 6403	Personal protective equipment. Safety shoes	<i>SM SR EN ISO 20347:2013</i>			
6401 6402 6403	Footwear for firefighters	<i>SM SR EN 15090:2014</i>			
Unregulated area					
4203	Protective gloves against mechanical risks in natural or reconstructed leather (simple design)	<i>SM EN 388+A1:2019</i> <i>SM SR EN 420+A1:2012</i>		2, 1b, 3	PC-5i Procedure for the certification of materials textiles, clothing and clothing accessories.
6401	Personal protective equipment. Protective footwear	<i>SM SR EN ISO 20346:2016</i>	2, 1b	PC-6i Procedure for the certification of footwear, belts, suitcases, bags and other leather goods	
	Personal protective equipment. Safety shoes	<i>SM SR EN ISO 20345:2014</i>	2, 1b, 1a		
	Personal protective equipment. Working shoes	<i>SM SR EN ISO 20347:2013</i>			
6402	Personal protective equipment. Protective footwear	<i>SM SR EN ISO 20346:2016</i>	2, 1b, 1a	PC-6i Procedure for the certification of footwear, belts, suitcases, bags and other leather goods	
	Personal protective equipment. Safety shoes	<i>SM SR EN ISO 20345:2014</i>			
	Personal protective equipment. Working shoes	<i>SM SR EN ISO 20347:2013</i>			
6403	Special leather footwear for action protection mechanical	GOST 28507:99 (withdrawn)	2, 1b, 3, 1a	PC-6i Procedure for the certification of footwear, belts, suitcases, bags and other leather goods	
	Special leather footwear, oil protection, petroleum products and acids, non-toxic and explosive dust	GOST 12.4.137:2001			
	Personal protective equipment. Protective footwear	<i>SM SR EN ISO 20346:2016</i>	2, 1b, 3		
	Personal protective equipment. Safety shoes	<i>SM SR EN ISO 20345:2014</i>			
	Personal protective equipment. Working shoes	<i>SM SR EN ISO 20347:2013</i>			
* With <i>bold italic</i> characters are marked harmonized EN standards, published in the Official Journal of European Union under the relevant EU legislative act (Regulation/Directive)					

**5. SC „Inspecție-Certificare-Calitate” SRL, certification body
(Annex 7, Certificate of Accreditation # OCpr-003 of 29.11.2018)**

Product code	Product name	Normative document/standard *	Certification scheme	Document describing scheme
6403	Special protective footwear against mechanical risks	GD No. 1289 of 02.12.2016 for the approval of the Technical Regulation regarding the personal protective equipment GOST 28507:99 (withdrawn) <i>SM SR EN ISO 20346:2016</i> <i>SM SR EN ISO 20345:2014</i>	1b, 2, 3	PC "ICC" -7-1 General procedure. "Certification of products" PC "ICC" -7-1.3 Certification procedure for homogeneous products "Certification of footwear" PC "ICC" -7-3 "Evaluation of the production process. Periodic evaluation of certified products"
6405	Protective footwear	GD No. 1289 of 02.12.2016 for the approval of the Technical Regulation regarding the personal protective equipment GOST 12.4.162: 85 (withdrawn) <i>SM SR EN ISO 20346: 2016</i> <i>SM SR EN ISO 20345: 2014</i>		
* With <i>bold italic</i> characters are marked harmonized EN standards, published in the Official Journal of European Union under the relevant EU legislative act (Regulation/Directive)				

LIST
of Conformity Assessment Bodies (CAB) in the field of
measuring instruments

1. „ADD-Production” SRL, testing laboratory
(Annex, Certificate of Accreditation # LI - 124 of 27.05.2019)

#	Scope of accreditation		
	Type of test/analysis	Product name	Normative document/standard *
Accuracy tests under reference conditions			
1	Accuracy under reference conditions	Single-phase and three-phase static meters of active energy; Single-phase and three-phase static meters of reactive energy	<i>SM SR EN 50470-3:2011</i> , art. 8.7.2; (EN 50470-3:2006, art. 8.7.2); SM SR EN 62053-23:2010, art. 8.1; (EN 62053-23:2003, art. 8.1); WI-053-01, ed. 03/2018
Tests on the effects of influence quantities			
2	Voltage variation	Single-phase and three-phase static meters of active energy; Single-phase and three-phase static meters of reactive energy	<i>SM SR EN 50470-3:2011</i> , art. 8.7.5.3; (EN 50470-3:2006, art. 8.7.5.3); SM SR EN 62053-23:2010, art. 8.2; (EN 62053-23:2003, art. 8.2); WI-053-06, ed. 03/2018
3	Frequency variation	Single-phase and three-phase static meters of active energy; Single-phase and three-phase static meters of reactive energy	<i>SM SR EN 50470-3:2011</i> , art. 8.7.5.4; (EN 50470-3:2006, art. 8.7.5.4); SM SR EN 62053-23:2010, art. 8.2; (EN 62053-23:2003, art. 8.2); WI-053-07, 03/2018
Tests on the effects of long-term disturbances			
4	Reverse sequence of phases	Single-phase and three-phase static meters of active energy	<i>SM SR EN 50470-3:2011</i> , art. 8.7.7.3; (EN 50470-3:2006, art. 8.7.7.3); WI-053-10, ed. 03/2018
5	Voltage imbalance	Single-phase and three-phase static meters of active energy	<i>SM SR EN 50470-3:2011</i> , art. 8.7.7.4; (EN 50470-3:2006, art. 8.7.7.4); WI-053-11, ed. 03/2018
6	Self-heating	Single-phase and three-phase static meters of active energy; Single-phase and three-phase static meters of reactive energy	<i>SM SR EN 50470-3:2011</i> , art. 8.7.7.5; (EN 50470-3:2006, art. 8.7.7.5); SM SR EN 62053-23:2010, art. 7.3; (EN 62053-23:2003, art. 7.3); WI-053-09, ed. 03/2018
7	Accuracy in the presence of harmonics	Single-phase and three-phase static meters of active energy	<i>SM SR EN 50470-3:2011</i> , art. 8.7.7.7; (EN 50470-3:2006, art. 8.7.7.7); WI-053-08, ed. 03/2018
Start and empty attempts			
8	Putting into service	Single-phase and three-phase static meters of active energy; Single-phase and three-phase static meters of reactive energy	<i>SM SR EN 50470-3:2011</i> , art. 8.7.9.2; (EN 50470-3:2006, pct. 8.7.9.1); SM SR EN 62053-23:2010, art. 8.3.1; (EN 62053-23:2003, art. 8.3.1); WI-053-04, ed. 03/2018
9	Attempt to go empty	Single-phase and three-phase static meters of active energy; Single-phase and three-phase static meters of reactive energy	<i>SM SR EN 50470-3:2011</i> , art. 8.7.9.3; (EN 50470-3:2006, art. 8.7.9.2); SM SR EN 62053-23:2010, art. 8.3.2; (EN 62053-23:2003, art. 8.3.2) WI-053-03, ed. 03/2018
10	Starting	Single-phase and three-phase static meters of active energy; Single-phase and three-phase static meters of reactive energy	<i>SM SR EN 50470-3:2011</i> , art. 8.7.9.4; (EN 50470-3:2006, art. 8.7.9.3); SM SR EN 62053-23:2010, art. 8.3.3; (EN 62053-23:2003, art. 8.3.3); WI-053-02, ed. 03/2018
Meter constancy			
11	Meter constancy	Single-phase and three-phase static meters of active energy; Single-phase and three-phase static meters of reactive energy	<i>SM SR EN 50470-3:2011</i> , art. 8.7.10; (EN 50470-3:2006, art. 8.7.10); SM SR EN 62053-23:2010, art. 8.4; (EN 62053-23:2003, art. 8.4); WI-053-05, ed. 03/2018
Insulation tests			
12	Dielectric rigidity	Single-phase and three-phase static meters of active energy; Single-phase and three-phase static meters of reactive energy	<i>SM SR EN 50470-3:2011</i> , art. 7.2; (EN 50470-3:2006, art. 7.2); SM SR EN 62053-23:2010, art. 7.4; (EN 62053-23:2003, art. 7.4); WI-053-12, ed. 03/2018

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2. National Metrology Institute, certification body
(Annex 1, Certificate of Accreditation # OCpr-052 of 09.07.2018)

Product code	Product name	Normative document/standard *	Certification module	Document describing module
Regulated Area				
Government Decision no.408 of June 16, 2015 for the approval of the technical regulation regarding the making available on the market of the measuring instruments				
9028	Water meters	SM EN ISO 4064:2015 <i>SM SR EN 14154-1-A2:2011</i> <i>SM SR EN 14154-3+A2:2011</i>	Module B, F	GD no.408 din 16.04.2015 Certification Procedure PC-01 OCp-INM
* With <i>bold italic</i> characters are marked harmonized EN standards, published in the Official Journal of European Union under the relevant EU legislative act (Regulation/Directive)				

LIST
of Conformity Assessment Bodies (CAB) in the field of
non-automatic weighing instruments

1. National Metrology Institute, certification body
(Annex 2, Certificate of Accreditation # OCpr-052 of 09.07.2018)

Product code	Product name	Normative document/standard *	Certification module	Document describing module
Regulated Area				
Government Decision no. 267 of April 08, 2014 for the approval of the Technical Regulation regarding non-automatic weighing instruments (GD no. 1043 from 13.09.2016 on the modification and completion of Government Decision no. 267 of April 8, 2014)				
8423	Non-automatic weighing instruments	SM EN 45501:2015	Module B, F	GD no. 267 of 08.04.2014 (GD no. 1043 from 13.09.2016) Certification Procedure PC01 OCP-INM
* With bold italic characters are marked harmonized EN standards, published in the Official Journal of European Union under the relevant EU legislative act (Regulation/Directive)				

LIST
Of Conformity Assessment Bodies (CAB) in the field of
cosmetics products

1. "ASCHIM CI" SRL, testing laboratory
(Annex 3, Certificate of Accreditation # LI - 014 of 20.10.2017)

#	Scope of accreditation		
	Type of test/analysis	Product name	Normative document/standard
1. Visual and sensory methods			
1.1.	Exterior appearance, color, smell	Liquid perfume products Liquid cosmetics Cosmetic creams Cosmetics for personal hygiene Decorative cosmetics based on emulsion Decorative cosmetics based on adipoceae Powdered and compact decorative cosmetics Nail care cosmetics Cosmetic gels, Cosmetic oils Cosmetic masks, Cosmetic salts, Deodorants Shaving cosmetics Hair care products Special cosmetics Liquid products for oral hygiene	GOST 29188.0-91, art. 3 (Withdrawn)
	The outer appearance of the film	Nail care cosmetics	SM GOST R 52701: 2007 art. 6.5 (Withdrawn)
	Odor persistence, transparency	Liquid perfume products	SM GOST R 51578: 2005 art. 6.4, 6.5 (Withdrawn)
	Exterior appearance, shape, color, smell, consistency	Soap bar	GOST 790-89, art. 3.1 (Withdrawn)
	Coverage capacity	Decorative cosmetics based on emulsion Decorative cosmetics based on adipoceae	SM GOST R 52341: 2005, art. 6.4 (Withdrawn) SM GOST R 52342: 2005, art. 6.4 (Withdrawn)
1.2.	Emulsion stability (colloidal, thermal)	Cosmetic creams	GOST 29188.3-91 (Withdrawn)
		Decorative cosmetics based on emulsion	
		Deodorant-gel, deodorant-cream	
		Cosmetic creams and gels	
		Nail care cosmetics	
		Hair care products	
2. Physical methods			
2.1.	The drip point	Cosmetic creams	GOST 29188.1-91 (Withdrawn)
		Pencil-deodorant	
		Decorative cosmetics based on adipoceae	
2.2.	Foam capacity: foam number, foam stability	Cosmetics for personal hygiene	GOST 22567.1-77 (Withdrawn) SM GOST R 52345: 2005, art. 6.5 (Withdrawn) SM GOST R 53427: 2011, art. 8.11 (Withdrawn)
2.3.	The degree of compactness	Powdered cosmetics and decorative compact	SM GOST R 52344: 2005, art. 6.6 (Withdrawn)
2.4.	Adhesion	Nail care cosmetics	SM GOST R 52701: 2007 art. 6.7 (Withdrawn)
2.5.	Drying time	Nail care cosmetics	SM GOST R 52701:2007 art. 6.6 (Withdrawn)
		Hair fixing varnishes	SM GOST R 53427:2011 art. 8.14 (Withdrawn)
3. Potentiometric methods			
3.1.	PH index	Gels, masks, cosmetic salts Liquid cosmetics, Deodorants	SM GOST R 52952:2009, art. 6.4 (Withdrawn) GOST 29188.2-91 (Withdrawn)
		Cosmetic creams	SM GOST R 52343:2005 ,pct. 6.5 (Withdrawn) GOST 29188.2-91 (Withdrawn)
		Cosmetics for personal hygiene	SM GOST R 52345:2005(Withdrawn), art. 6.4 ; GOST 29188.2-91(Withdrawn)
		Decorative cosmetics based on emulsion	SM GOST R 52341:2005, art. 6.6 (Withdrawn) GOST 29188.2-91 (Withdrawn)
		Decorative cosmetics based on adipoceae	SM GOST R 52342:2005, art. 6.7 (Withdrawn) GOST 29188.2-91(Withdrawn)
		Powdered and compact decorative cosmetics	SM GOST R 52344:2005, art. 6.5 (Withdrawn) GOST 29188.2-91 (Withdrawn)
		Nail care cosmetics	SM GOST R 52701:2007 art. 6.8 ; (Withdrawn) GOST 29188.2-9 (Withdrawn)
		Cosmetic oils	GOST 29188.2-91 (Withdrawn)
		Hair care products	SM GOST R 53427:2011 art. 8.10(Withdrawn)
		Shaving cosmetics	SM GOST R 53426:2011 art. 6.4 (Withdrawn) GOST 29188.2-91 (Withdrawn)
		Paper products for household and sanitary purposes	SM GOST R 52354:2006 art. 5.6 ; GOST 12523- 77
3.2.	Acidity index, Carbon index	Decorative cosmetics based on adipoceae	SM GOST R 52342:2005, art. 6.5, art. 6.6 (Withdrawn)

4. Gas-chromatographic methods			
4.1.	Volume fraction of ethyl alcohol	Perfumery and liquid cosmetics	SM GOST R 51578:2005, art. 6.6, art. 6.8 (Withdrawn) GOST 29188.6-91 (Withdrawn) SM GOST R 51579:2005 art. 6.4.1 (Withdrawn)
	The sum of the mass fraction of the odorants		
5. Densimetric methods			
5.1.	Density, volume fraction of ethyl alcohol	Liquid cosmetics Cosmetic oils	SM GOST R 51579:2005 art. 6.4.3 (Withdrawn) GOST 14618.10-78 (Withdrawn)
6. Gravimetric methods			
6.1.	Mass fraction of water and volatile and non-volatile substances	Cosmetic creams	GOST 29188.4-91 (Withdrawn)
		Decorative cosmetics based on emulsion	SM GOST R 52341:2005, art. 6.7; (Withdrawn) GOST 29188.4-91 (Withdrawn)
		Powdered and compact decorative cosmetics	SM GOST R 52344:2005, art. 6.4 (Withdrawn) GOST 29188.4-91 (Withdrawn)
		Hair care products	SM GOST R 53427:2011 art. 8.13; (Withdrawn) GOST 29188.4-91 (Withdrawn)
	Mass fraction of dry matter	Nail care products	GOST 29188.4-91 (Withdrawn)
6.2.	Quality class	Soap bar	GOST 790-89, art. 3.2 (Withdrawn)
7. Volumetric methods			
7.1.	Mass fraction of chlorides	Cosmetics for personal hygiene	GOST 26878-86 (Withdrawn)
7.2.	The alkaline mass fraction	Deodorant-gel, deodorant-cream	GOST 29188.5-91 art. 2 (Withdrawn)
7.3.	Mass concentration of soda products recalculated in Na ₂ O	Soap bar	GOST 790-89, art. 3.4 (Withdrawn)

**2. IS "Center for Applied Metrology and Certification", testing laboratory
(Annex 1, Certificate of Accreditation # LI-086 of 01.09.2016)**

#	Scope of accreditation		
	Type of test/analysis	Product name	Normative document/standard
4. Volumetric methods			
4.5.	Acidity index	Cosmetics	PSI 4.1-7/10 (SM GOST R 52342:2005)
6. Photocolorimetric methods			
6.5.	Determination of arsenic content	Cosmetics	GOST 26930-86
7. Electrochemical methods			
7.2.	Determination of pH index	Cosmetics	PSI 4.1-7/01 (GOST 29188.2-91; GOST 5898-87 art. 6)
10. Volt-ampermetric inversion methods			
10.1.	Determination of lead content	Cosmetics	PSI 4.1-2/01 (SM GOST R 51301:2003)
12. Atomic absorption methods (flow injection system)			
12.1.	Determination of mercury content	Cosmetics	PSI 4.1-2/07 (Recommended analytical conditions and general information)
20. Microbiological methods			
20.1.	The number of mesophilic aerobic bacteria	Cosmetics	SM EN ISO 21149:2017
20.2.	Determination of coliform bacteria at 37 C including: Escherichia coli	Cosmetics	SM EN ISO 21150:2016
20.3.	Determination of coagulase positive Staphylococci (Staphylococcus aureus and other species)	Cosmetics	SM EN ISO 22718:2016
20.6.	Determination of Pseudomonas aeruginosa	Cosmetics	SM EN ISO 22717:2016
20.9.	Determination: yeast, mold, including Candida albicans	Cosmetics	SM EN ISO 16212: 2017 SM EN ISO 18416:2016

**3. National Agency for Public Health, testing laboratory
(Annex, Certificate of Accreditation # LI -044 of 17.02.2018)**

#	Scope of accreditation		
	Type of test/analysis	Product name	Normative document/standard
Methods by atomic absorption spectrometry			
1.	Determination of Pb	Cosmetics	POS 2.10, ed.1, rev 1/2017
3.	Determination of mercury	Cosmetics	POS 2.94 ed.1, rev.0/2017 (SM SR EN13806:2006)
Photocolorimetric methods			
4.	Determination of arsenic	Cosmetics	POS 2.62, ed.1, rev. 1/2018 (GOST 26930-86)
Electrochemical methods			
29.	pH determination	Cosmetics	GOST 29188.2-91
Toxicological methods			
41.	Determination of skin sensitization properties in laboratory animals (Buehler test)	Cosmetics	OECD 406, IM-09, IM-13, POS 1.19, ed.1, rev.1/2017
42.	Assessment of acute oral toxicity (DL _{50 per os}) in rodents	Cosmetics	OECD 420,423,425, POS 1.1, ed.1, rev.1/2017
43.	Determination of irritation properties in laboratory animals	Cosmetics	OECD 404, OECD 405, IM-09, IM-13, POS 1.12 ed.1, rev.1/2017 , POS 1.18 , ed.1, rev.2/2017, POS 1.10 , ed.1, rev.2/2017
44.	Assessment of acute inhalation toxicity (CL 50 inh) in rodents	Cosmetics	OECD 436, "Toxicology Manual", 1974, POS 1.6, ed.2, rev.3/2016
45.	Assessment of acute dermal toxicity (DL _{50 derm}) in laboratory animals	Cosmetics	OECD 402, POS 1.3, ed.1, rev.1/2017
Microbiological methods			
47.	Determination of yeasts and yeasts, including Candida albicans	Cosmetics	IM 01.10.32.3-11, art.4.2, SM EN ISO 16212:2013 SM EN ISO 18416:2016 (Candida albicans)
48.	Determination of the number of aerobic and facultative anaerobic mesophilic microorganisms (NMMAFA), total number of microorganisms (NTM), number of aerobic mesophilic microorganisms (NMMA), number of mesophilic aerobic bacteria	Cosmetics	SM EN ISO 21149:2013 , IM 01.10.32.3-11, art.4.1
50.	Determination of coagulase-positive staphylococci, including S. aureus	Cosmetics	SM EN ISO 22718:2016, IM 01.10.32.3-11, art.4.5
52.	Determination of Escherichia coli	Cosmetics	SM EN ISO 21150:2016
56.	Determination of Enterobacteriaceae (gram-negative bacteria tolerant to balls)	Cosmetics	IM 01.10.32.3-11, art.4.3
61.	Determination of Pseudomonas aeruginosa	Cosmetics	SM EN ISO 22717:2016, IM 01.10.32.3-11, art.4.6
62.	Determination of sterility	Cosmetics	IM 01.10.32.3-11, art.4.4

**4. SA “Viorica-Cosmetic”, testing laboratory
(Annex, Certificate of Accreditation # LI -080 of 04.08.2016)**

#	Scope of accreditation		
	Type of test/analysis	Product name	Normative document/standard
1. Sensory methods			
1.1.	Determination of appearance, color, smell	Nail cosmetics; Liquid cosmetics; Cosmetics for hair care; Liquid perfume products; Cosmetics for shaving; Cosmetic creams; Cosmetics for personal cleaning hygiene; Cosmetic oils; Cosmetic gels;	GOST 29188.0-91, art. 3
		Volatile oils	GOST 30145-94, art. 5.1-5.3
		Dishwashing liquid detergents	SF 71-05692288-001:2008, art. 9.2.1- 9.2.2
1.2.	Determination of taste	Volatile dill oil	GOST 30145-94, art. 5.2
2. Qualitative methods			
2.1.	Determination of colloidal stability	Cosmetic creams; Cosmetics for hair care;	GOST 29188.3-91, art. 2
2.2.	Determination of thermal stability	Cosmetic creams; Cosmetic gels; Cosmetics for hair care;	GOST 29188.3-91, art. 3
2.3.	Determination of odor stability	Liquid perfume products	SM GOSTR 51578:2005, art. 6.4 PS no.9 of 03.11.2014
2.4.	Determining transparency	Liquid perfume products	SM GOSTR 51578:2005, art. 6.5
2.5.	Determination of alcohol solubility	Volatile oils	SM GOST R 53593:2011, art. 7.9 GOST 14618.11-78, art. 2
3. Volumetric methods			
3.1.	Determination of chlorides	Cosmetics for personal hygiene cleaning: shampoos, liquid soap, cleaning gels (shower, bath, intimate hygiene), cleaning articles (foam, gel, resistant foam), bath foams	SM GOST R 52345:2005, art. 6.4 GOST 26878-86 PS no.1 of 03.06.2015
3.2.	Determination of anionic surface active agents	Dishwashing liquid detergents	SM GOST R 51022:2006, art. 3 PS no.5 of 17.06.2014
3.3.	Acidity index	Volatile oils	GOST 30143-94 PS no.8 of 16.09.2014
4. Electrochemical methods			
4.1.	Determination of activity rates of hydrogen ions, pH	Nail care cosmetics	SM GOST R 52701:2007, art. 6.8
		Liquid cosmetics Hair care cosmetics Shaving cosmetics Cosmetic creams Cosmetics for personal hygiene	SM GOST R 51579:2005, art. 6.5 SM GOST R 52343:2005, art. 6.5 SM GOST R 53426:2011, art. 6.4 SM GOST R 52343:2005, art. 6.5 SM GOST R 52345:2005, art. 6.4 SM SR EN 1262:2012
		Cosmetic gels Cosmetic oils Dishwashing liquid detergents	SM GOST R 52952:2009, art. 6.4 GOST 29188.2-91 SM GOST R 50550:2005
5. Gravimetric methods			
5.1.	Determination of the mass part of the water and volatile substances	Hair care cosmetics Cosmetic creams	GOST 29188.4-91
5.2.	Determining the density index	Cosmetic oils; Volatile oils	SM SR ISO 758:2012 PS no.12 of 01.02.2018
6. Physical methods			
6.1.	Determination of foam capacity: Determining the foam number	Cosmetics for personal hygiene;	GOST 22567.1-77 PS no.4 of 17.06.2014
	Determination of foam stability		
6.2.	Determination of the volume part of the ethyl alcohol by the iodometric method	Liquid perfume products, Liquid cosmetics, Oral cavity hygiene products	GOST 3639-79, art.2
7. Refractometric methods			
7.1.	Determination of the refractive index	Volatile oils	SM SR ISO 280:2012
8. Methods by gas chromatography			
8.1.	Determination of the mass portion of the ethyl alcohol	Liquid perfume products; Liquid cosmetics; Liquid products for oral hygiene	GOST 29188.6-91 PS no.3 of 17.06.2014
8.2.	Determination of the mass amount of odorants	Liquid perfume products	SM GOST R 51578:2005, art.6.8.1, 6.8.4 PS no.2 of 17.06.2014
9. Microbiological methods			

9.1.	Enumeration and detection of mesophilic aerobic bacteria	Cosmetics Liquid detergents for washing	SM EN ISO 21149:2017 PS no.7 of 30.05.2017
9.2.	Detection of Escherichia coli		SM EN ISO 21150:2016 PS no.7 of 30.05.2017
9.3.	Detection of Pseudomonas aeruginosa		SM EN ISO 22717:2016 PS no.7 of 30.05.2017
9.4.	Detection of Staphylococcus aureus		SM EN ISO 22718:2016 PS no.7 of 30.05.2017
9.5.	Counting yeasts and molds		SM EN ISO 16212:2017 PS no.7 of 30.05.2017
9.6.	Detection of Candida albicans		SMV ISO 18416:2016 PS no.7 of 30.05.2017

**5. „Pielart-AIRIN” SRL, testing laboratory
(Annex 2, Certificate of Accreditation # LI-016 of 14.04.2017)**

#	Scope of accreditation		
	Type of test/analysis	Product name	Normative document/standard
Physical-mechanical methods			
3.	Determination of water absorption capacity, capillarity, moisture resistance, hygroscopicity	Cosmetics	SM GOST R 52341:2005, art. 6.5 (withdrawn)
6.	Determination of dripping temperature, solidification temperature of fatty acids	Cosmetics. Solid toilet and laundry soap	GOST 29188.1–91 (withdrawn) GOST 790–89, art. 3.6 (withdrawn)
Gravimetric methods			
14.	Determination of the type and mass fraction of raw material. Determination of humidity, volatile, dry substances, mass, etc.	Cosmetics	GOST 29188.4-91 (withdrawn) SM GOST R 52344:2005, art. 6.4 (withdrawn)
15.	Determining the quality index	Solid toilet and laundry soap	GOST 790–89, art. 3.2 (withdrawn)
Electrochemical methods			
17.	pH determination	Cosmetics	GOST 29188.2–91 (withdrawn)
Volumetric methods			
19.	Determination of acidity index and carbon number	Cosmetics	SM GOST R 52342:2005, art. 6.5, 6.6 (withdrawn)
20.	Determination of sodium chloride		GOST 26878–86 (withdrawn)
21.	Determination of the mass fraction of sodium products	Solid toilet and laundry soap	GOST 790–89, art. 3.3, 3.4 (withdrawn)

**List of producers
of low voltage equipment**

#	Company name	Products	Contact details	Information source	Significant export registered in 2017-2019
1	Ecocity SRL	Luminaries	Moldova, Chisinau Address: Blvd. Mircea cel Batryn, 11 Tel : +373 22 022-000 Email: office@ecocity.md	ISM clients database ASYCUDA database	YES
2	MMVZ MOLDOVA SRL	Luminaries	Calarasi, str. Calarasilor, 10	ASYCUDA database	YES
3	Lumineco Electric SRL	Luminaries	MD-2069, str. Calea Ilesilor 49/A, ap. 10, mun. Chisinau, Republica Moldova	ASYCUDA database	YES
4	Steinel Electronic SRL	Luminaries, control panels, sensors	str. M. Sadoveanu, 42/3, Chisinau, MD2075 tel:+37322601256 tel:+37322601257 www.steinel.de info@steinel.md	ASYCUDA database	YES
5	Redo Group SRL	Luminaries	mun. Chisinau, str. Muncesti sos., 284 +373 79 33 44 66	ASYCUDA database	YES
6	Secolul-XXI SRL	Luminaries	str. Moscova, 17, Balti, MD3121 tel:+37323121404 tel:+37323129535 tel:+37323161247	ASYCUDA database	YES
7	Eco Evolutions SRL	Luminaries	Str. A. Hijdeu 94/1, of. 3 mun. Chisinau, MD 2001 office@ecoevolutions.md Mobil : 069 55 55 11 Fax : (0-22) 54 04 62	ASYCUDA database	YES
8	Eko Module SRL	Indicator plates	mun. Chisinau, sec. Ciocana, str. Mircea cel Batran bd., 11/6 office@ecoevolutions.md contact@becuriled.md office@becuriled.md	ASYCUDA database	YES
9	Electromas SA	Electrical equipment (motors, generators etc.)	Moldova, Transnistrian Moldavian Republic, Tiraspol, 3300, st. Sacriere 1	ASYCUDA database	YES
10	ADD-Production SRL	Circuit protection devices	2008, Chisinau mun., Chisinau mun., 36 Dragomirna St. 022593389 022930012 022582987 www.addgrup.com info@addgrup.com global@addgrup.com service@addgrup.com	ASYCUDA database	YES
11	IM "BZA Invest" SRL	Contactator	Or. Bender, str. Tiraspol, 3	ASYCUDA database	YES
12	"Electriceschie Aparati" SA	Contactator	Or. Bender, str. Tiraspol	ASYCUDA database	YES
13	"Monuments Production" SRL	Aparate pentru incalzire (Iron)	mun. Chisinau, str. Muncesti sos., 121A info@monuments-production.md	ASYCUDA database	YES
14	Spamol SRL	Electrical resistance	2075, Chisinau mun., Chisinau mun., M. Sadoveanu street, 42/3 022450686 022450701 022450699 www.alpha-wellness-sensations.eu info@spamol.md	ASYCUDA database	YES
15	Topaz SA	Electrical equipment	MD-2069 Chisinau square D.Cantemir 1 +373 (22) 876--104 +373 (22) 582--295 +373 (22) 582--296	ASYCUDA database	YES

			topaz@topaz.md		
16	Electrodivigateli SRL	Electric motor	MD-3300, Moldova, Tiraspol, st. K. Zetkina, office 54. Tel./fax: +373 (533) 9-16-56, (533) 7-64-09 Email: ushakov@idknet.com	ASYCUDA database	YES

**List of producers
of machinery products**

#	Company name	Products	Contact details	Information source	Significant export registered in 2017-2019
1	Tehno AB SRL	Bottle labeling machines, bottling lines	mun. Chisinau, Stauceni, str. Hijdeu A., 10 (022) 45-51-81 (079) 61-78-70 tehnoabcontabil@gmail.com	ASYCUDA database	YES
2	Imprimsistem SRL	Labeling apparatus	MD-2071, Republic of Moldova, Chisinau, 75N Alba-Iulia str. +373 22 75-97-51 +373 22 75-86-82 +373 69 14-40-62 info@imprimsistem.com www.imprimsistem.com	ASYCUDA database	YES
3	ASPA SA	Mechanical sprayers, parts for machines	st. Stejarilor 16, Orhei, Republic of Moldova. Tel. : +373 235 30-028 Fax: +373 254 30-065 E-mail: info@aspa.md www.aspa.md	ASYCUDA database	YES
4	MECAGRO	Tractor sprayers	Chisinau str. Miron Costin 7 Tel. +373 (68) 48-89-99 Tel. +373 (67) 43-66-98 Tel. +373 (22) 43-86-38 Fax +373 (22) 47-36-98 institut@mecagro.md www.mecagro.md	ASYCUDA database	YES
5	EURO CRYO SRL	Sandblasting equipment	str. Iurii Gagarin, 1, or. Ialoveni, Raionul Ialoveni, MD6801 tel:+37326829494	ASYCUDA database	YES
6	B.T.EST&Co SRL	Sprayers for tractors	str. Cernisevschi 34 MD 3801, or. Comrat, Republica Moldova Fax: +373 22 474132 +373 22 474317 Email: btestco@mail.ru	ASYCUDA database	YES
7	Unitech Engineering Solutions	Wine transport lines	MD-2044 Chisinau, str. Mesterul Manole, 5A	ASYCUDA database	YES
8	Moldagrotehnica SA	Equipment for agricultural machines	Balti, Industriala str., 4, The Republic Of Moldova Tel.: +373 (231) 8-87-10 +373 (231) 8-87-11 Fax: +373 (231) 8-87-10	ASYCUDA database	YES
9	Electromasina SRL	Agricultural and industrial equipment	Moldova, Chisinau, st. Petru Rares 77	ASYCUDA database	YES
10	Berhord SRL	Beer making machines	str. Nicolae Milescu-Spataru, 79/1, Chisinau, MD2075, Republica Moldova e-mail: info@berhord.com tel.: (+373 22) 815 002 / 003 / 004 / 005 / 006 fax: (+373 22) 815 007	ASYCUDA database	YES
11	Ramteho AV SRL	Apparatus for processing fruit or vegetables	mun. Chisinau, str. Uzinelor, 9	ASYCUDA database	YES
12	Arttehetmet SRL	Parts for packaging machines	str. Bogdan Petriceicu Hasdeu, 55, Orhei, MD3501 tel:+37369947010	ASYCUDA database	YES
13	Grip-Engineering SRL	Parts and accessories for testing machines and apparatus	mun. Chisinau, Goian, str. Chisinaului, 1 Tel: +373 22 456 403 Fax: +373 22 456 403	ASYCUDA database	YES

**List of producers
of personal protective equipment**

#	Company name	Products	Contact details	Information source	Significant export registered in 2017-2019
1	Echiprot SRL	Personal protective equipment	st. Ginta Latine, 48, Chisinau mun. st. Dacia, 53/5. Boxing 31, Chisinau mun. Mob: +37376730001 tel: 022-63-64-32; 022-63-65-70 Fax: 022-50-74-65 +37369567042 echiprotadrian@gmail.com +37379579992 Email: echiprot@mail.ru	Internet (madein.md)	NO
2	Unicode SRL	Personal protective equipment	or. Calarasi, Str. Alexandru cel Bun, 114, +373 244 21993	Internet (madein.md)	NO
3	ICS "CSM Uniform" SRL	Protective gloves	str. Maria Drăgan, 28/3, Chişinău, MD2052 022999831 022999830 069644099 069441415	ASYCUDA database	YES
4	"RIDA" SRL	Protective footwear	str. Sakriera, 2/2 MD3301 Tiraspol, Transnistria +373 533 94186	ASYCUDA database	YES
5	"ROTAN" SA FC	Protective footwear	MD 2036 St. Meshterul Manole 9, Chisinau, Republic of Moldova tel .: (+373 22) 41 10 44; 47 51 75 fax: (+373 22) 47 53 54 www.rotan.md	ASYCUDA database	YES
6	"TERRI-PA" SRL	Protective footwear	Tel: +373 533 51605 Fax: +373 533 51603 Moldova, MD-5722, Parcani, str. Kotovski, 9 A	ASYCUDA database	YES
7	"TELLUS" SRL	Protective footwear	str. Moscova, 21/1, Bender, MD3201 +373 552 43229	ASYCUDA database	YES
8	"Cristina Mold-Rom Simpex" SRL	Protective footwear	2069, mun.Chişinău, mun.Chişinău, str.Mesager, 27 022595375 022595380 www.cristina.md cristina@cristina.md	ASYCUDA database	YES
9	"OLDCOM" SA	Protective footwear	Republic of Moldova Chisinau, str. Industrial 34/1 + 373 22 47-37-02 + 373 22 42-18-38 info@oldcom.md office@oldcom.md	ASYCUDA database	YES

**List of producers
of measuring instruments**

#	Company name	Products	Contact details	Information source	Significant export registered in 2017-2019
1	"Bio Instruments" SRL	Devices for chemical and physical analysis (phyto sensors)	mun. Chişinău, sec. Botanica, str. Cuza-Vodă bd., 17/5, ap. 3 +373 22 550026 +373 68 888497 info@phyto-sensor.com	ASYCUDA database	YES
2	"ADD-Production" SRL	Electricity meters	2008, mun.Chişinău, mun.Chişinău, str.Dragomirna, 36 022593389 022930012 022582987 www.addgrup.com info@addgrup.com global@addgrup.com service@addgrup.com	ASYCUDA database	YES
3	"Moldagrotehnica" SA	Gas meters (parts – compensation unit)	Balti, Industriala str., 4, The Republic Of Moldova Tel.: +373 (231) 8-87-10 +373 (231) 8-87-11 Fax: +373 (231) 8-87-10 v_podureac@moldagrotehnica.md	ASYCUDA database	YES
4	"Service Energy Natural Sისტems" SRL	Water meters, gas meters, electricity meters	MD 2011 mun.Chişinău – Codru str.Costiujeni, 8/2 +37322924195 +37379781246 +37322990175 sens.mart@mail.md	ASYCUDA database	YES
5	"RDM" SRL	Speed counters, mileage	2001, mun.Chişinău, bd.Iur.Gagarin, 2 022579804 022579817 022579815 www.rdm.md marketing@rdm.md	ASYCUDA database	YES

**List of producers
of non-automatic weighing instruments**

#	Company name	Products	Contact details	Information source	Significant export registered in 2017-2019
1	"Alex Sistem" SRL	Weighing instruments	MD-2005, mun. Chisinau, st. Ion Pruncul, 4/1 E-mail: office@alexsistem.md Phone: (+373 22) 24-44-96 Fax: (+373 22) 24-44-96 www.alexsistem.md	ASYCUDA database	NO
2	ICS "Alex S&E" SRL	Weighing instruments	MD-2005, Republic of Moldova, Chisinau, st. Ion Pruncul, 4/1 (+373 22) 244-572 (+373 22) 24-30-87 (+373 22) 29-67-29	ASYCUDA database	NO
3	"Euro Cryo" SRL	Weighing instruments	str. Iurii Gagarin, 1, or. Ialoveni, Raionul Ialoveni, MD6801 tel: +37326829494	ASYCUDA database	NO
4	"Sebeca Engineering" SRL	Weighing instruments	Chisinau, str. Gradina Botanica 9, MD-2002 Tel/fax: +373 22 927202 Mob.: +373 694 33335 e-mail: office@sebeca.md director@sebeca.md	ASYCUDA database	NO

**List of producers
of cosmetics products**

#	Company name	Products	Contact details	Information source	Significant export registered in 2017-2019
1	Viorica-Cosmetic	Creams; Scrubs & Peelings; Masks; Toners & Lotions; Cleansers; Eye & Lip Care; Serums; Shampoos; Conditioners; Masks; Serums & oils; Hair sprays; Soap; Shower gels; Hand care; Foot care; Body creams; Body Milks; Intimate care; Perfumery; Sun protection ; Essential oils	Moldova, or. Chişinău, str Mesager 1 E-mail: marketing@viorica.md www.viorica.md	Internet, ASYCUDA database ISM clients database	YES
2	Viantic International	shampoo; liquid soap; nail polish remover; perfumed lotions; shower gel; baby oil; massage oil; sun tanning oil; hand gel antibacterial; antibacterial hand spray	viantic_bio@mail.ru www.viantic.md	Internet (www.madein.md) ASYCUDA database	YES
3	Carolush Beauty	Creams; scrubs; dry perfumes; tooth powder; soap	Orhei, str. Livezilor, 25 https://www.facebook.com/carolushbeauty/	Internet (www.mybusiness.md)	NO
4	CandySoap	Natural soap; Body scrub; Bath foam	candysoap26@gmail.com	Internet (www.madein.md)	NO
5	G&M Magic Soap	Natural soap; Bath balls; deodorant	galina.morosan@icloud.com	Internet (www.madein.md)	NO
6	OlyNaturel	Natural handmade cosmetics	olynaturel@yandex.ru	Internet (www.madein.md)	NO
7	RoSe Naturale	Organic soap, bath balls	rosenaturaleshop@gmail.com	Internet (www.madein.md)	NO
8	Cioara SRL	Essential oils, lavender products	v.simasco@mail.ru	Internet (www.madein.md)	NO
9	Demo (Rodital-Lux SRL)	Liquid soaps, shampoos	rodital@mail.ru www.demo.md	Internet (www.madein.md)	NO
10	FloralGama	Natural, cosmetological products	floralgama@gmail.com	Internet (www.madein.md)	NO
11	Herbal Therapy (Nobil Cosmetics SRL)	Toothpaste	nobilcosmetics@gmail.com	Internet (www.madein.md)	NO
12	Laro Migdale	Almond based products (artisan soap, cosmetics)	laro.lebedev@yandex.ru	Internet (www.madein.md)	NO
13	Lavanda de Moldova (GȚ Ulinici Nicu Victor)	Lavender Products (Lavender Water, Essential Oil)	ulinici_nicu@yahoo.com www.lavandademoldova.com	Internet (www.madein.md)	NO
14	MariGold SRL	Perfumery and cosmetics	cmd@marigoldltd.com	Internet (www.madein.md)	NO
15	Relaxa Aromaterapie	Ethereal, cosmetic oils, sea salt, creams, deodorants, odorizers, alginate masks	office@relaxa.md www.relaxa.md	Internet (www.madein.md), ASYCUDA database	YES
16	TAC (GȚ Topciu Marianna Harlampi-Tomai)	Cosmetic almond oil	piotr.topciu.78@mail.ru	Internet (www.madein.md)	NO
17	SC "VLACOTAL" S.R.L.	Shampoo	(022) 92-94-33	Internet, ASYCUDA database ISM clients database	YES

QUESTIONNAIRE (model)
on the assessment of organizational and technical preparedness
of manufacturers of *electrical equipment intended for use within certain voltage limits*

Please fill in the table below with the data about your company:

Title of the company	
Contact details of the person responsible for completing the questionnaire (name, surname; telephone; e-mail)	

If you have any questions regarding this questionnaire, please contact Mr. Iurii Socol (Project expert) at the telephone number: +373 79414620, or by e-mail: iurii.socol@gmail.com

1. Applying of legislation

1.1. Is your company is of the provisions of the *Technical Regulation "Making available on the market electrical equipment intended for use within certain voltage limits", approved by Government Decision no. 745 of 26.10.2015?*

- Yes, we know We have heard about the Technical Regulation, but we do not know its provisions
 No, we do not know about the Technical Regulation

1.2. To what extent does your company apply the provisions of the *Technical Regulation "Making available on the market electrical equipment intended for use within certain voltage limits", approved by Government Decision no. 745 of 26.10.2015?*

- Fully applies Partially applies * Does not apply

* If you answered "Partially applies", please specify in the table below which provisions of the Technical Regulations your company applies.

2. Implementation of the requirements of European standards for *electrical equipment* in the manufacturing process

2.1. Does your company know the requirements of European standards* for *electrical equipment*? Are these requirements applied by your company in the manufacturing process?

* The list of European harmonized standards under the Technical Regulation "*Provision on the market of electrical equipment intended for use within certain voltage limits*" is approved by *Order of the Minister of Economy and Infrastructure no. 555 of 28.11.2018* (The list of standards can be consulted at this [link](#). The standards can be consulted/purchased at the Institute of Standardization of Moldova - www.estandard.md)

- Knows and applies them in full Knows and applies partially* Knows, but does not apply**
 Does not know and does not apply**

* If you answered "Knows and applies partially ", please specify in the table below which parts of European standards are applied by your company (for example, only some of the requirements, etc.)

** If you answered "Knows, but does not apply" or "Does not know and does not apply", please indicate in the table below which requirements you apply (for example, GOST standards or standards of other countries, etc.)

3. Conformity of *electrical equipment* with European legislation and standards

3.1. Is *electrical equipment* manufactured by your company laboratory tested?

- Yes, it is tested No, it is not tested*

* If you answered "No, it is not tested", then omit questions no. 3.2-3.8 and go directly to questions no. 3.9-5.6

3.2. Is *electrical equipment* manufactured by your company laboratory tested according to European standards?

- Yes, it is tested according to European standards
 No, it is tested according to other standards*

* If you answered the question "No, it is tested according to other standards", please indicate in the table below according to which standards the *electrical equipment* is tested

3.3. *Electrical equipment* manufactured by your company is subject to all the tests required by the corresponding standards?

- Yes, it is subject to all the tests No, it is subject to some tests

3.4. *Electrical equipment* manufactured by your company is tested by a single laboratory or by several laboratories?

- By a single laboratory By several laboratories

3.5. Indicate in the table below in which country/countries the testing laboratory(ies) is/are located.:

1.
2.
3.
4.

3.6. Indicate the name(s) of the testing laboratory(ies) performing the tests of the *electrical equipment* manufactured by your company:

1.
2.
3.
4.

3.7. Is *electrical equipment* manufactured by your company certified?

Yes, it is certified No, it is not certified

3.8. According to which standards is certified the *electrical equipment* manufactured by your company.?

According to European standards According to GOST standards
 According to other standards

* If you answered the question "According to other standards", please indicate in the table below according to which standards the *electrical equipment* is certified

3.9. Has your company implemented the quality management system according to the EN ISO 9001 standard?

Yes No In the process of implementation

3.10. Has your company certified the quality management system according to the EN ISO 9001 standard?

Yes No In the process of certification

3.11. Please, describe briefly in the table below how does your company assure internal quality control of the manufactured products:

4. Awareness companies

4.1. Has your company benefited in recent years from information support from the state on the application of European requirements for *electrical equipment*? What form of support did you benefit from: information brochures, seminars, training, individual consultancy?

5. Export potential in EU

5.1. Does your company export *electrical equipment* to other countries? In which countries the export is made? What is the share of exports by target market (EU, CIS, other)?

5.2. Does your company have EU/international quality documents for *electrical equipment*? Please indicate in the table below what documents do you have, if applicable.

5.3. Does your company have quality documents from the CIS countries for *electrical equipment*?

Yes No

5.4. Does your company want to expand its export of *electrical equipment* to the European market?

Yes No

5.5. How do you assess your company's readiness (especially the level of product quality) for export to the European market?

The company is well prepared The company has potential, but additional measures are needed *
 The company is not prepared

* If you answered "The company has potential, but additional measures are needed", please indicate in the table below the necessary measures to be taken (eg. re-equipment of the production process, staff training, etc.)

5.6. What measures does your company implement (if any) to enter the European market: re-engineering the production process, increasing the quality level of raw materials, etc.?

QUESTIONNAIRE (model)
on the assessment of organizational and technical readiness
of cosmetics manufacturers

Please fill in the table below with the data about your company:

Title of the company	
Contact details of the person responsible for completing the questionnaire (name, surname; telephone; e-mail)	

If you have any questions regarding this questionnaire, please contact Mr. Iurii Socol (Project expert) at the telephone number: +373 79414620, or by e-mail: iurii.socol@gmail.com

1. Applying of legislation

Does your company know about the national legislation in the field of cosmetics that transposes the European legislation? What national regulations in the field of cosmetics do you know?

To what extent does your company apply national legislation in the field of cosmetics that transposes European legislation?

2. Implementation of European requirements for cosmetics in the technological process

Does your company know the European requirements for cosmetics? Are these requirements applied by your company in the technological process?

What requirements for cosmetics does your company apply in the technological process?

What analysis methods of cosmetics does your company apply? Make a list of normative documents (standards, regulations, etc.) that your company applies in the technological process.

3. Compliance of cosmetics with European legislation and standards

Does your company know about the standard EN ISO 22716 "Cosmetics. Good manufacturing practices (GMP). Guide to good manufacturing practices"?

Has your company implemented the requirements of the EN ISO 22716 standard in the company's activity? Is your company certified in the "best manufacturing practices" system according to the EN ISO 22716 standard?

Has your company implemented the quality management system according to the EN ISO 9001 standard? Does your company have a quality management system certificate according to the EN ISO 9001 standard?

Does your company have its own analysis laboratory? Is the laboratory accredited?

Does your laboratory perform the full range of tests of cosmetics products or are any tests performed in sub-contracted laboratories? Where are located the subcontracted laboratories (in Moldova or abroad), if any?

Do the cosmetics products manufactured by your company have any certificates/authorizations (health, sanitary etc.), including in other countries? By whom are these certificates/authorizations issued?

4. Awareness companies

Has your company benefited in recent years from information support from the state on the application of European requirements for cosmetics? What form of support did you benefit from: information brochures, seminars, training, individual consultancy?

5. Export potential in EU

Does your company export cosmetics products to other countries? In which countries is the export made? What is the share of exports by target market (EU, CIS, others)?

Does your company have EU/international quality documents for cosmetics?

Does your company have quality documents from CIS countries for cosmetics?

Does your company want to expand its export of cosmetics to the European market?

How do you assess your company's readiness (especially the level of product quality) to export to the European market?

What measures does your company implement (if any) to enter the European market: upgrading the production process, increasing the quality level of raw materials, implementing good manufacturing practices according to EN ISO 22716, etc.?

QUESTIONNAIRE (completed)
on the assessment of organizational and technical readiness
of cosmetics manufacturers

Please fill in the table below with the data about your company:

Title of the company	<i>S.A. "Viorica-Cosmetic"</i>
Contact details of the person responsible for completing the questionnaire (name, surname; telephone; e-mail)	<i>The questionnaire was completed by the Project expert on 10.03.2020, during the meeting with the representatives of the company. Discussions were held with the director, chief of the testing laboratory and</i>

If you have any questions regarding this questionnaire, please contact Mr. Iurii Socol (Project expert) at the telephone number: +373 79414620, or by e-mail: iurii.socol@gmail.com

1. Applying of legislation

Does your company know about the national legislation in the field of cosmetics that transposes the European legislation? What national regulations in the field of cosmetics do you know?

<i>Yes, our company knows national Sanitary Regulation on cosmetics products, approved by the Government Decision no. 1207 of 02.11.2016. Also, we know that this Regulation transposes European legislation</i>

To what extent does your company apply national legislation in the field of cosmetics that transposes European legislation?

<i>We try to comply with the requirements.</i>

2. Implementation of European requirements for cosmetics in the technological process

Does your company know the European requirements for cosmetics? Are these requirements applied by your company in the technological process?

<i>Yes, we know European technical requirements. We apply mostly EN ISO standards for microbiology testing of cosmetics. We do not apply testing methods according to 7 European Directives, because we apply the GOST standards</i>

What requirements for cosmetics does your company apply in the technological process?

<i>We apply mostly GOST standards (withdrawn) and EN ISO standards for microbiological testing.</i>

What analysis methods of cosmetics does your company apply? Make a list of normative documents (standards, regulations, etc.) that your company applies in the technological process.

<i>The list of test methods is presented in the scope of accreditation of the testing laboratory within S.A. "Viorica-Cosmetic" (see corresponding division of the Annex 1 to this Report)</i>

3. Compliance of cosmetics with European legislation and standards

Does your company know about the standard EN ISO 22716 "Cosmetics. Good manufacturing practices (GMP). Guide to good manufacturing practices"?

<i>Yes, we know about this standard</i>

Has your company implemented the requirements of the EN ISO 22716 standard in the company's activity? Is your company certified in the "best manufacturing practices" system according to the EN ISO 22716 standard?

<i>No, our company has not yet implemented this standard</i>

Has your company implemented the quality management system according to the EN ISO 9001 standard? Does your company have a quality management system certificate according to the EN ISO 9001 standard?

<i>Yes, we have implemented QMS and certified it according to the EN ISO 9001 standard</i>

Does your company have its own testing laboratory? Is the laboratory accredited?

<i>Yes, within S.A. "Viorica-Cosmetic" there is a testing laboratory. This laboratory is accredited (for more details, see Annex 1 to this Report)</i>

Does your laboratory perform the full range of tests of cosmetics products or are any tests performed in sub-contracted laboratories? Where are located the subcontracted laboratories (in Moldova or abroad), if any?

<i>Our company does not apply for services of other testing laboratories. All the tests are performed by our own laboratory</i>

Do the cosmetics products manufactured by your company have any certificates/authorizations (health, sanitary etc.), including in other countries? By whom are these certificates/authorizations issued?

<i>No, we do not have any certificates/authorizations issued in other countries. Our company exports cosmetics products only in European countries (Latvia, Romania, Italy, Great Britain)</i>
<i>S.A. "Viorica-Cosmetic" has a branch in Romania, Bucharest. We export our products through this branch</i>

4. Awareness companies

Has your company benefited in recent years from information support from the state on the application of European requirements for cosmetics? What form of support did you benefit from: information brochures, seminars, training, individual consultancy?

<i>Yes. We participated in different seminars regarding European legislation</i>

5. Export potential in EU

Does your company export cosmetics products to other countries? In which countries is the export made? What is the share of exports by target market (EU, CIS, others)?

<i>Our company exports cosmetics products only in European countries (100%). We do not export in CIS countries</i>

Does your company have EU/international quality documents for cosmetics?

<i>In order to place our products on European market, we should register our products in the Cosmetic products notification portal (CPNP). For the registration, we use testing results issued by our laboratory. Unfortunately, our products do not have certificates from European Chemicals Agency (ECHA)</i>

Does your company have quality documents from CIS countries for cosmetics?

<i>No</i>

Does your company want to expand its export of cosmetics to the European market?

<i>Yes, we would like to organize our quality documentation in order to avoid in future any problems with placing our products on the European market. At present, our exports are fully in European countries</i>

How do you assess your company's readiness (especially the level of product quality) to export to the European market?

<i>Our company have a quite long history of exports in European countries. We would like to organize better our quality documentation</i>

What measures does your company implement (if any) to enter the European market: upgrading the production process, increasing the quality level of raw materials, implementing good manufacturing practices according to EN ISO 22716, etc.?

<i>We would like to implement gradual EN ISO 22716 standard in our activity.</i>