

WELMEC 6.0

Issue 3

# WELMEC

European cooperation in legal metrology

## Introduction to WELMEC Documents on Prepackages



May 2010

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European cooperation in legal metrology

WELMEC is a cooperation between the legal metrology services of the Member States of the European Union and EFTA.

This document is one of a number of Guides published by WELMEC to provide guidance to packers, importers and the competent departments responsible for ensuring that prepackages meet the specified requirements.

The Guides are purely advisory and do not themselves impose any restrictions or additional technical requirements beyond those contained in relevant EC Directives.

Alternative approaches may be acceptable, but the guidance provided in this document represents the considered view of WELMEC as to the best practice to be followed.

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# Introduction to WELMEC Documents on Prepackages

## WELMEC document 6.0

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## 1. Introduction

- 1.1. Member states of the European Economic Area (EEA) have implemented the Council Directives 75/106/EEC of 19 December 1974 and 76/211/EEC of 20 January 1976 in their national legislation. These directives dealt with the marking and quantity requirements for e-marked prepackages.
- 1.2. These directives have been amended by Directive 2007/45/EC of 5 September 2007, which revokes Directives 75/106/EEC and 80/232/EEC and amends Directive 76/211/EEC. The only products which have to be made up in specified nominal quantities, without specified time limit, are stipulated wines and spirits. Members States can retain national specified nominal quantities for milk, butter, dried pasta and coffee until 11 October 2012, and for sugar until 11 October 2013.
- 1.3. Prepackages<sup>1</sup> may only be marked with the stylised 'e'<sup>2</sup> if the requirements of the Directive 76/211/EEC ('the Directive') have been met. These requirements include: -
- a) the quantity, prepackages must meet the '3 packers rules',
    - 1) the average quantity of product in all the prepackages in a batch is not less than the marked quantity,
    - 2) the number of 'defective'<sup>3</sup> prepackages does not exceed the number stipulated (this approximates to no more than 2.5% of the batch), and
    - 3) no prepackages have a quantity below a lower limit<sup>4</sup>,
  - b) the making up or checking of the quantity in the prepackages<sup>5</sup>,
  - c) the labelling of the prepackage<sup>6</sup>.
- 1.4. The Directive specify the responsibilities of packers and importers<sup>7</sup>, and also the checks to be carried out by the competent department of the Member State.
- 1.5. The responsibilities of the Competent Departments<sup>8</sup> involved with implementing the Directive differ from country to country. Table 1 lists those organisations together with their responsibilities; the numbers referred to in column 3 of the table are defined in Table 2.

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<sup>1</sup> A prepackage is the combination of a product and the individual package in which it is prepacked.

<sup>2</sup> Proportions of the stylised 'e' are in Appendix 1 of this document.

<sup>3</sup> A defective prepackage is one where the actual contents has a deficiency greater than the tolerable negative error specified in Annex 1, 2.4 of the Directive.

<sup>4</sup> This lower limit is where the actual contents are deficient by more than twice the tolerable negative error specified.

<sup>5</sup> Responsibilities for the packer and importer (of goods imported into the EEA) are defined in Annex 1, 4 of the Directive.

<sup>6</sup> The requirements are stated in Annex 1, 3 of the Directive.

<sup>7</sup> 'importer' shall mean any natural or legal person established within the Community who places a product from a third country on the Community market; Decision 768/2008./EC, Annex I, R1.5.

<sup>8</sup> Responsibilities and powers of the Competent Departments are defined in Annex1, 5 & 6 of the Directive respectively.

1.6. The areas of responsibility are defined as follows:

#### Domestic legislation

In some countries the authority that issues the domestic laws is not the same as the authority that is responsible for implementing the laws in the country. In the "competence" table the difference is denoted by following letters: -

- a) issuing the domestic laws
- b) implementing (ensuring compliance with) the laws

#### Permission to apply the 'e'-mark

In some countries it is not necessary to receive permission in order to apply the 'e'-mark, but in others it is required. Permission can be granted in various ways, for example by a letter of recognition or a certificate. In table 2 the following notations are applied to identify the different procedures in the various member states.

- a) It is not necessary to apply for permission but procedures are recognised at time of visit.
- b) The name and other information are noted by the authority. A document confirming the permission is not necessary.
- c) A letter of recognition is forwarded upon receipt of selected information.
- d) A certificate is issued upon receipt and approval of detailed information.

#### Monitoring production of 'e'-marked prepackages

The monitoring of production, where required, (after the initial permission has been granted) differs in the various member states. All countries perform reference tests conforming to the directive, but countries have chosen different approaches to fulfil the requirements of the directive of verifying that production checks and corrections and adjustments have been properly and accurately carried out. In table 2 the notations listed below apply; some countries perform a combination of these activities.

- a) A full evaluation of the packer's quality control system is performed.
- b) Reference tests are performed.
- c) Other statistical checks on prepackages, checks on equipment and staff are performed.
- d) Market controls are performed to enable the authority to check both the packer's quantity control system and compliance with the country's own legal requirements.

#### Legal sanctions

Depending on how the legislation is enforced, the organisation that specifies the type and size of a penalty is often not the same as the authority that enforces the legislation. Therefore the following notations apply in table 2.

- a) The organisation that specifies the type and size of a penalty.
- b) The authority that enforces the penalties.
- c) The organisation that takes steps to prevent further violations.

## 2. **Communications**

- 2.1. Should a problem be found in one member state with 'e'-marked prepackages that have originated, or been imported into the EEA, in another member state then the matter should be referred back to the originating country. A list of contact points for the relevant competent departments is contained in Table 3.
- 2.2. It is the responsibility of the originating country to: -
- a) acknowledge receipt of the referral,
  - b) to investigate the matter in a timely manner,
  - c) to give a progress report every 4 weeks,
  - d) to report back at the end the findings, and should a non-compliance have been found, confirm the corrective and preventative action that has been taken together with the agreed timescale.

## 3. **Terms and Definitions**

- 3.1. The Directive only applies to packaged products where:
- a) the product is placed in the package not in the presence of the purchaser, and
  - b) the quantity of product has a predetermined value, and
  - c) the quantity in a package cannot be altered without the package either being opened or undergoing a perceptible modification, and
  - d) the quantity of the product is expressed in weight or volume, and
  - e) the quantity of product is within the range 5 g to 10 kg or 5 ml to 10 L.
- 3.2. To ensure consistency of interpretation and enforcement various specific terms have been identified and defined. These terms are listed, together with their equivalent phrases in other languages, in WELMEC document 6.2. The equivalent terms are not necessarily exact translations as member states' domestic legislation use different phrases for the same situations. The terms are defined in WELMEC document 6.1

## 4. **Legislation**

- 4.1. The European legislation relevant to metrological requirements for prepackages includes:
- Directive 75/107/EEC, relating to bottles used as measuring containers,
  - Directive 75/324/EEC, relating to aerosol dispensers,
  - Directive 76/211/EEC, relating to weight or volume of certain prepackaged products,
  - Regulation 1274/91/EEC, relating to marketing standards for eggs,
  - Regulation 1538/91/EEC, relating to marketing standards for poultry,
  - Directive 2000/13/EC, relating to labelling, presentation and advertising of foodstuffs.
  - Directive 2007/45/EC, laying down rules on nominal quantities for prepacked products, repealing Council Directives 75/106/EEC and 80/232/EEC, and amending Council Directive 76/211/EEC.

There are also other Regulations and Directives that require quantity statements to be labelled on prepackages.

- 4.2. There have also been some judgements relevant to this legislation:
- 4.2.1. Case 120/78, '[Cassis de Dijon](#)'<sup>9</sup>, the importation of alcoholic beverages lawfully produced and marketed in one Member State cannot be prohibited entry into another Member State.
- 4.2.2. Case C - 96/84<sup>10</sup>, a packer who shows that he is operating checking procedures which ensure the quantity of the contents actually corresponds to their stated contents may invoke the provisions of the Directive and affix an e-marked, where the competent department does not want to recognise his procedures. Where a packer measures the quantity in each pack he is entitled to affix the 'e' mark without the need for authorisation.
- 4.2.3. Case C-83/96<sup>11</sup>, ruled that the phrase 'established within the community' only related to the person immediately prior to the phrase and not to previously mentioned persons in the sentence.
- 4.2.4. Case C – 3/99, 'Cidrerie Ruwet'<sup>12</sup>, does not permit Member States to refuse the marketing on their territory of cider in volumes other than those set out in Annex III of Directive 75/106/EEC; such a refusal is a measure prohibited by Article 30 of the EC Treaty (now, after amendment, Article 28 EC Treaty) and is incompatible with Community law.
- 4.3. The relevant consolidated (up-dated) European legislation can be searched for at [http://eur-lex.europa.eu/en/legis/avis\\_consolidation.htm](http://eur-lex.europa.eu/en/legis/avis_consolidation.htm). This will give updated legislation and can be searched by various means. One method is by using the date and number of the legislation in the search engine at [http://eur-lex.europa.eu/RECH\\_consolidated.do](http://eur-lex.europa.eu/RECH_consolidated.do)
- 4.4. The implementation of the Directives and Regulations into national legislation is the responsibility of the organisations shown in Table 1. Where the Member States legislation is available on the Internet the address is shown in the right column of Table 3.

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<sup>9</sup> [http://eurlex.europa.eu/smartapi/cgi/sga\\_doc?smartapi!celexplus!prod!CELEXnumdoc&lg=en&numdoc=61978J0120](http://eurlex.europa.eu/smartapi/cgi/sga_doc?smartapi!celexplus!prod!CELEXnumdoc&lg=en&numdoc=61978J0120)

<sup>10</sup> <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:61984J0096:EN:HTML>

<sup>11</sup> <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:61996J0083:EN:HTML>

<sup>12</sup> <http://eur-lex.uropa.eu/LexUriServ/LexUriServ.do?uri=CELEX:61999J0003:EN:HTML>

## 5. **WELMEC Publications concerning Prepackages**

This document is part of a series of documents published by WELMEC and which are primarily intended to provide guidance to all those concerned with the application of Directives 76/211/EEC and 2007/45/EC for prepacked products. They are intended to lead to a uniform interpretation and enforcement of these directives and assist in the removal of barriers to trade.

- 5.1. Those documents that have been agreed by WELMEC are published on their website at <http://www.welmec.org/pubs.asp>.

### **6.0 Introduction to WELMEC documents on prepackages**

- 6.1 Definitions of terms
  - 6.2 Translations of terms
  - 6.3 Guidance for the Harmonised Implementation of Council Directive 76/211/EEC as amended
  - 6.4 Guide for packers and importers of 'e' marked prepacked products
  - 6.5 Guidance on Controls by Competent Departments
  - 6.6 Guide for recognition of procedures
  - 6.7 Guide for Market Controls on Prepackages for Competent Departments
  - 6.8 Guidance for the Verification of Drained Weight
  - 6.9 Prepackages - Uncertainty of Measurement
- 5.2. 6.1 'Definitions of Terms' catalogues the specific terms used in legal metrology for the purposes of controlling prepackages, and defines these terms.
- 5.3. 6.2 'Translations of Terms' catalogues, in seven languages, the equivalent phrases used in the different member states which relate to the same term defined on document 6.1. These are not necessarily exact translations as the phrase may be specific to the member state's own implementing legislation.
- 5.4. 6.3 'Guidance for the harmonised implementation of Directive 76/211/EEC' outlines how each requirement of the Directive is met by each member state, and where possible provides best practice. It also lists other recommendations that are produced by International Organisation for Legal Metrology (OIML) where appropriate.
- 5.5. 6.4 'Guide for packers and importers of e-marked prepackaged products' has been produced for packers and importers, to guide them through the requirements of the directive, indicating ways in which they can comply with these requirements.
- 5.6. 6.5 'Guidance on Controls by Competent Departments' is written to assist Inspectors in interpreting and uniformly enforcing the provisions of the Directives. It gives in-depth statistical information on how suitable packing controls could be established for the various types of control in use.
- 5.7. 6.6 'Guide for the recognition of procedures' has been produced for those involved in assessing packers' procedures and gives best practice in carrying this out.



- 5.8. 6.7 'Guide for Market Control' has been written for those organisations involved with looking at prepackages that have been put on the market. It looks at ways of sampling, checking and statistically assessing the packing controls from the data.
- 5.9. 6.8 'Guide for the Verification for Drained Weights' has been produced to ensure that there are consistent requirements and methodology, throughout the EEA, on verifying the drained weight required for certain product by Directive 2000/13/EC.
- 5.10. 6.9 'Guide for the Uncertainty of Measurement of Goods' has been specifically developed for Competent Departments to enable them to assess whether they have met the requirement in the Directive of ensuring that the measurement error does not exceed one-fifth of the tolerable negative error of the product being tested.
- 5.11. These documents also make reference to other relevant Directives and Regulations, as well as Recommendations produced by the (OIML).

6. **Prepackages Imported from outside the EEA**

- 6.1. The Directive permits importers of these products either to
- carry out checks on prepackages, or
  - provide evidence that they are in possession of all the necessary guarantees to enable them to assume responsibility for compliance.

Guidance on the measuring and checking of imported prepackages is given in document 6.4 Packers' and Importers' Guide. Some of the acceptable guarantees include:-

- a) Evidence from a competent department in a Member State,
  - b) Evidence from an EEA accepted competent department in the exporting country,
  - c) Records of checks carried out by a competent sub-contractor at the place of first entry into the EEA,
  - d) To obtain records from the packer and to carry out checks to verify the data contained in them.
- 6.2. Other options may be appropriate and are dependent on national legislation, for further advice on this matter contact the relevant organisation in table 1.

7. **International Organisation for Legal Metrology (OIML)**

- 7.1. This organisation has produced many recommendations relating to legal metrology. The ones relevant to the control of prepackages are:
- OIML R79 Labelling of prepackages,
  - OIML R87 Quantity of Product in Prepackages, and
  - OIML R138 Vessels for Commercial Transactions, which includes requirements for Measuring Container Bottles.
- 7.2. Although it has been accepted by members of the World Trade Organisation (WTO) that prepackages complying with these recommendations should pass unhindered from one country to another, in Europe prepackages bearing the e-mark must comply with the relevant Directive. Therefore the WELMEC guides mentioned above refer to these OIML Recommendations where appropriate.

**Table 1 Authorities and Competent Departments with their areas of responsibility in the field of control of e-marked prepackaged goods.**

Code/ Country	Name of Authority For the full address, phone and fax number of the Contact person, see table 3.	Responsibility	Are periodical checks performed?	Frequency of Inspectors visits. (Years)
AT/ Austria	Bundesministerium für Wirtschaft, Familie und Jugend (BMWFJ)  Bundesamt für Eich- und Vermessungswesen  Verification offices  District Administrative Authority	1a  Contact person, 1b, 2a, 3d  3b, 3c, 4c  4a, 4b	Yes	1
BE/ Belgium	Service Public Fédéral Economie, PME, classes moyennes et Energie; Administration de la Qualité et de la Sécurité, Division Réglementation et politique de contrôle" Service Public Fédéral Economie, PME, classes moyennes et Energie; Administration de la Qualité et de la Sécurité, Division contrôle"	Contact person, 1b, 2b,  3b, 3c, 3d, 4b, 4c	Yes	2
BG / Bulgaria	Ministry of Economy  State Agency for Metrological and Technical Surveillance  (Directorate General "Metrological Supervision")	1a  1a, 1b, 2a, 3b, 3d, 4a, 4b, 4c  Contact person	Yes	> 1
CY/ Republic of Cyprus	Ministry of Commerce, Industry and Tourism  Weights and Measures Service	1, 4a  Contact person 2c, 3b, 3c, 4b, 4c	No (at the moment). Our Intention is to perform periodical checks in the near future.	1
CZ/ Czech Republic	Czech Office for Standards, Metrology and Testing  Czech Metrology Institute  Regional Verification Branches	1a, 1b, 4a, 4b  Contact person, 2d, 4c  3a, 3b, 3c	Yes	1
DK/ Denmark	The Danish Safety Technology Authority  FORCE Technology  Justice Authority	1a, 1b, 3d, 4a, 4b, 4c, Contact person,  2c, 3a, 3b, 3c  4a, 4b	Yes	1
EE (EST) / Republic of Estonia	Ministry of Economic Affairs and Communications (MoEAC)  Estonian Technical Surveillance Authority  Accredited certification body  Accredited (competent) testing laboratory	1, 2a  3c, 3d, 4a, 4b  3a  3b (when 3c or 3d gives negative result)	Yes	1

<b>Code/ Country</b>	<b>Name of Authority</b> For the full address, phone and fax number of the Contact person, see table 3.	<b>Responsibility</b>	<b>Are periodical checks performed?</b>	<b>Frequency of Inspectors visits. (Years)</b>
FI/ Finland	Ministry of Trade and Industry  TUKES (Safety Technology Authority)  Inspecta Oy  Local regional consumer authorities	1  3d, 4a, 4b, contact person  2d, 3b, 3c  3d	Yes	1
FR/ France	Sous Direction de la Metrologie  Direction Generale de la Consommation  Direction Regionale de l'Industrie et de la Recherche  Justice Authority	1  Contact person, 1, 3a, 4a  2b, 3a, 4a  4b	Yes	1
DE/ Germany	Bundesministerium für Wirtschaft und Technologie  16 Federal State Authorities including  Landesamt fuer Mess- und Eichwesen Berlin-Brandenburg	1a  1b, 2a, 3b, 3c, 3d, 4  Contact person,	Yes	1
GR/ Greece	Ministry of Development -General Secretary of Commerce –  Department of Metrology Local authorities Prefectural Departments of Commerce, Technical Inspection & Consumer Protection  Local administrative authorities Justice Authorities	Contact person, 1a, 2a, 4c  1b, 2a, 3b, 3c, 3d, 4b  4a, 4c	Yes	1 year
HU/ Hungary	Ministry of Economic and Transport Affairs,  Ministry of Agriculture and Regional Development  National Office of Measures	The system is under development – 1a, 1b.  3a, 3b, 3c, 4a, 4b, 4c  Contact person	Yes	1
IS/ Iceland	Ministry of Industry and Commerce  Neytendstofa	1a  1b, 2a, 3d, 4c Contact person, system is under development	No	No
IE/ Ireland	Department of Enterprise and Employment,  Legal Metrology Service, National Standards Authority of Ireland	Contact person, 1, 4a,  2a, 2b, 3b, 3c, 4b, 4c, contact person	Yes	2-3 times a year
IT/ Italy	Ministero Industria e Commercio, Ufficio Centrale Metrico	Contact person, 1) 2a, 3, 4a, 4b	No	Random
LV/ Latvia	Ministry of Economic  Consumer Rights Protection Centre	1a  Contact person, 1b, 2a, 3b, 3d, 4a, 4b, 4c	Yes	1-3 years, but for exported goods ~ 1yr.

<b>Code/ Country</b>	<b>Name of Authority</b> For the full address, phone and fax number of the Contact person, see table 3.	<b>Responsibility</b>	<b>Are periodical checks performed?</b>	<b>Frequency of Inspectors visits. (Years)</b>
LT/ Lithuania	State metrology service (VMT)  Market surveillance authority  Designated laboratories – metrology centres	Contact person, 1a, b, 2c  3d; 4a; b; c  3b	Yes	At least once a year
LU/ Luxemburg	ILNAS - Service de Métrologie légale	Contact person, 1, 2a, 3b, 3d, 4	Yes	1-3 plus random
MT/ Malta	Malta Standards Authority National Metrology Services	Contact person, 1a, 1b, 2b, 3b, 4a, 4b, 4c	No market surveillance	1
NL/ The Nether-lands	NMi B.V.  Ministry of Economic Affairs  VWA	Contact person, 2d  1  3b, 3c, 3d, 4a, 4b		2 times a year
NO/ Norway	Justervesenet  Ministry of Trade and Industry	Contact person, 2d, 3a, 3b, 3c, 3d, 4c  1	Yes	1
PL/ Poland	Ministry of Economy  Central Office of Measures  Trade Inspection, Pharmaceutical Inspection, Agriculture and Food Quality Inspection	1a  Contact person, 1b, 2b, 2c, 3b, 4a, 4b  3b, 3d	Yes	1
PT/ Portugal	Director do Servico de Metrologia - Instituto Português da Qualidade  5 regional Directorates	Contact person, 1, 2b  3b, 3c, 3d, 4a, 4b	Yes	1
RO/ Romania	Ministry of Economy  Romanian Bureau for Legal Metrology – Department for Inspection and Market Surveillance  Romanian Bureau of Legal Metrology – Regional Offices of Legal Metrology	1a, 4a,  Contact person  2a, 2b, 3b, 3c, 3d, 4b	Yes	Once or twice per year
SK/ Slovak Republic	Slovak Office of Standards, Metrology and Testing  Slovak Metrological Inspectorate  Slovak Trade Inspection	Contact person, 1, 2d  3b, 3c, 3d, 4  3d	Yes	1
SI/Slovenia	Ministry of Higher Education, Science and Technology  Ministry of Education, Science and Sport, Metrology Institute (MIRS)	1a  Contact person, 1b, 2b*, 3, 4	Yes	~1
ES/ Spain	Ministry of Industry, Tourism & Trade: Spanish Centre of Metrology (Centro Español de Metrología, CEM)  Autonomous Regions (Comunidades Autónomas )	Contact person, 1a, 2a, 4a  1b, 3d, 4b	Yes	<No fixed period, depends on kind of control

Code/ Country	Name of Authority For the full address, phone and fax number of the Contact person, see table 3.	Responsibility	Are periodical checks performed?	Frequency of Inspectors visits. (Years)
SE/ Sweden	Swedish Board for Accreditation & Conformity Assessment (SWEDAC)  National Food Administration.  Swedish National Testing and Research Institute- .(SP)	Contact person, 1, 3d, 4a, 4c for non-food products 3c, 3d, 4a) and 4c) for food products  2d, 3a, 3b, 3c	Yes	1
CH/ Switzerland	Federal Office of Metrology METAS  Verification offices  Cantonal authorities for metrology	Contact person, 1, 2a  2b, 3b, 3c, 3d, 4c  4a, 4b	yes	1
GB/ United Kingdom	National Measurement Office  LACORS  209 Local Weights & Measures Authorities	1, 4a (for max. penalty)  Contact person  2a, 3, 4b, 4c	Yes	Dependent upon risk, but typically for exported goods 1 year

Associate Members				
TU / Turkey	Ministry of Industry and Trade, DG for Measurement and Standards.  MIT-DG for Measurement and Standards with 81 provincial offices of the MIT, the court authority	1a, 1b, 2a, 3b, 3c, 3d  4a, 4b, 4c	Yes	1
HR / Republic of Croatia	State Office for Metrology (DZM)	Contact person, 1a, 1b, 2b, 3b, 3d, 4a, 4b.	Yes	1
MK / FYROM	Bureau of Metrology			
RS / Serbia	Directorate of Measures and Precious Metals	Contact person 1a, 1b, 2b, 3b, 3c, 3d, 4a, 4b	Yes	1
MN / Montenegro	Bureau of Metrology			
BA/ Bosnia and Herzegovina	Institute of Metrology of Bosnia & Herzegovina			
AL / Albania	General Directorate of Metrology and Calibration			

Numbers in the column 'Responsibility' in the above Table refer to the responsibilities defined in Table 2. These activities are explained in more detail in paragraph 1.6 above.

**Table 2 Definitions of authorities' responsibilities**

These definitions refer to the numbers and letters used in column 3 of Table 1 above.

1. Responsibility for transposing the requirements of the directives into domestic legislation (a, b)	a) issuing
	b) implementation
2. Responsibility for giving the initial permission, degree of permission before packing can be started (a, b, c, d)	a) no permission necessary
	b) name and information is noted
	c) letter of recognition
	d) certificate is issued
3. Responsibility for monitoring of production, including periodical control, degree of control (a, b, c, d)	a) evaluation of total quality control system
	b) reference tests
	c) spot checks in quantity control system
	d) market surveillance
4. Responsibility for legal action in the case of violation of the domestic laws (a, b, c)	a) setting penalties
	b) enforcing penalties
	c) take precautions to prevent further violations
Contact person: The contact person has the responsibility of referring any enquiries from another country on the subject of control of e-marked prepackaged goods to the correct authority. Their details are found in the following Table.	

**TABLE 3 - Contact person's details for EEA countries**

Code Country	Contact person Name	Address	Phone number	Fax number	e-mail and Internet address for legislation
AT/ Austria	Bundesamt für Eich- und Vermessungswesen att.: Ludwig Turnwald	Gruppe A, Schiffamtsgasse 1-3 A-1020 Wien Austria	+43-1 21 110 3700	+43-1 21 110 3623	<a href="mailto:ludwig.turnwald@bev.gv.at">mailto:ludwig.turnwald@bev.gv.at</a>
BE/ Belgium	Federal Public Service Economy, SMEs, Self employed and Energy, Directorate General Quality and Safety, Regulation and Control policy, Metrology, att.: Mr. Antoon Malfrere	Koning Albert II- laan 16, B-1000 Brussel Belgium	+32 2 277 71 00	+32 2 277 54 37	mailto: <a href="mailto:antoon.malfrere@economie.fgov.be">antoon.malfrere@economie.fgov.be</a>  <a href="http://www.economie.fgov.be">http://www.economie.fgov.be</a>
BG/ Bulgaria	State Agency for Metrological and Technical Surveillance – Directorate General “Metrological supervision”, Department – “PREPACKAGES” att: Mrs. Milena Buchaklieva	21, 6 th September Street. 1000 Sofia Bulgaria	+359 2 987 87 04	+359 2 987 36 11	<a href="mailto:mesurv@mail.orbitel.bg">mesurv@mail.orbitel.bg</a>
CY/ Republic of Cyprus	Ministry of Commerce, Industry and Tourism/ Technology Services/ Weights and Measures Service att.: Mr. Ntinios Hadjiconstantinou	6, Andreas Araouzos Street, 1421 Lefkosia Cyprus	+357 22 40 93 66	+357 22 75 41 03	<a href="mailto:nhadiiconstantinou@mcit.gov.cy">nhadiiconstantinou@mcit.gov.cy</a>  <a href="http://www.mcit.gov.cy">www.mcit.gov.cy</a>
CZ / Czech Republic	Czech Metrological Institute att.: Mr. Ivan Kriz	Okruzni 31 63800 Brno Czech Republic	+420 545 555 230	+420 545 555 183	<a href="mailto:IKriz@cmi.cz">IKriz@cmi.cz</a> <a href="mailto:info@cmi.cz">mailto:info@cmi.cz</a> <a href="http://www.cmi.cz/">http://www.cmi.cz/</a>
DK/ Denmark	Danish Safety Technology Authority att.: Claudi Johansen	Dyregårdsvej 5 B 2740 Skovlunde Denmark	+45-77 33 9570	+45-77 33 9501	<a href="mailto:pcj@sik.dk">pcj@sik.dk</a>  <a href="http://www.sik.dk">www.sik.dk</a>
EE (EST) / Republic of Estonia	MoEAC (on matters of legislation) att.: Mrs Ingrid Tavits  Estonian Technical Surveillance Authority (competent department) att.: Mrs Priir Poschlin	Harju 11 15072 Tallinn ESTONIA  Sõle 23A 10614 Tallinn ESTONIA	+372 6256 389  +372 667 2193	+372 6313 660  +372 667 2001	<a href="mailto:Ingrid.Tavits@mkm.ee">Ingrid.Tavits@mkm.ee</a>  <a href="mailto:priir.poschlin@tja.ee">priir.poschlin@tja.ee</a>



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	Inspecta Tarkastus att: Alpo Hyödynmaa	Hautalankatu 31 FI-33560 Tampere Finland	+358 10 521 600	+358 10 521 6404	<a href="mailto:alpo.hyodynmaa@inspecta.fi">alpo.hyodynmaa@inspecta.fi</a>
FR/ France	Direction Generale de la Consommation  att.: Mrs. Hélène Gayon	Bureau C3, 59 Bd Vincent Auriol, 75703 Paris CEDEX France	+33 1 44 97 32 31	+33 1 44 97 30 43	<a href="mailto:helene.gayon@dccrf.inances.gouv.fr">helene.gayon@dccrf.inances.gouv.fr</a>
DE/ Germany	Landesamt fuer Maß und Gewicht Bayerisches  att.: Dr. Thomas Weberpals	Franz-Schrank-Str. 9 D-80638 Muenchen Germany	+49 89 17901-310	+49 89 17901-336	thomas.weberpals@lm.g.bayern.de <a href="http://www.eichamt.de/">http://www.eichamt.de/</a>
GR/ Greece	Ministry of Development - General Secretary of Commerce – Department of Metrology,  att.: Evi. Makatsori	Canning Square, 10181 Athens Greece	+302103893256	+302103301789	<a href="mailto:prepack@gge.gr">prepack@gge.gr</a>
HU/ Hungary	Hungarian Authority for Consumer Protection Dep. Market surveillance  att.: Pálné Tóth Mária	H-1088 Jozsef krt Hungary	+36-1-4594872		<a href="mailto:m.palne@nfh.hu">m.palne@nfh.hu</a>
	Ministry of Agriculture and Rural Development (only for foodstuffs)  Att: Gábor Kelemen	Dep. of Food Chain Development H-1055 Budapest Kossuth L. tér 11. HUNGARY	+36 1 301 4383	+36 1 301 4808	<a href="mailto:Gabor.Kelemen@fvm.gov.hu">Gabor.Kelemen@fvm.gov.hu</a>
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IE/ Ireland	Legal Metrology Service, National Standards Authority of Ireland att.: Mr. Pat Farragher	1 Swift Square, Northwood, Santry, Dublin 9 Ireland	+353 1 807 3807	+353 1 807 3808	<a href="mailto:pat.farragher@nsai.ie">mailto:pat.farragher@nsai.ie</a> <a href="http://www.nsai.ie/">http://www.nsai.ie/</a>

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LV/ Latvia	Consumer Rights Protection Centre of the Republic of Latvia att.: Mrs. Inese Velina	157, Kr.Valdemara St. Riga, LV-1013, Latvia	+371 673 39 883	+371 673 88 634	<a href="mailto:mail.to:Inese.Velina@ptac.gov.lv">mail to: Inese.Velina@ptac.gov.lv</a> <a href="http://www.ptac.gov.lv">www.ptac.gov.lv</a>
LT/ Lithuania	State metrology service att.: Mrs. Krukoniene	Algirdo 31, LT 2006 Vilnius Lithuania	+370 5 213 33 79	+370 5 216 34 69	<a href="mailto:info@lvmt.lt">info@lvmt.lt</a>
LU/ Luxemburg	ILNAS – Service de Métrologie légale att.: Mr.John Kirchen	rue J.F. Kennedy, L-7327 Steinsel Luxemburg	+352 33 55 07	+352 33 55 03	<a href="mailto:john.kirchen@ilnas.etat.lu">john.kirchen@ilnas.etat.lu</a>
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PT/ Portugal	Director do Servico de Metrologia Legal - Instituto Português da Qualidade att.: Mr. Cartaxo Reis  Mr Filipe Pinto Machado	R.C. à Avenida dos Três Vales, 2825 Monte da Caparica Portugal	+351 21 294 8196  +351 21 294 8174	+351 21 294 8188  +351 21 294 8188	<a href="mailto:creis@mail.ipq.pt">creis@mail.ipq.pt</a>  <a href="mailto:pmachado@mail.ipq.pt">pmachado@mail.ipq.pt</a>
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SE/ Sweden	Swedish Board for Accreditation and Conformity Assessment (SWEDAC )  att.: Kari Björkqvist  National Food Administration  att: Ulla Fäger	Box 2231, S-10315, Stockholm Sweden   Box 622, S-75126, Uppsala Sweden	+46 84 06 83 04    +46 18 17 55 67	+46 8791 8929    +46 18 12 32 75	<a href="mailto:kari.bjorkqvist@swedac.se">kari.bjorkqvist@swedac.se</a>       <a href="mailto:ullf@slv.se">ullf@slv.se</a>
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**APPENDIX 1**

Proportions of the stylised 'e'

