

Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Requirements for all products

Article No.:

The topic safety of products concerns the complete range of "hardware", since products generally have to be designed to be safe.

req. no.	Statutory requirement	Law	Article
3063	<p>Bis(pentabromphenyl)ether (Decabromdiphenylether, DecaBDE; CAS-Nr.: 1163-19-5; EG-Nr.: 214-604-9)</p> <p>1.) shall not be manufactured or placed on the market as a substance on its own after 2 March 2019.</p> <p>2.) shall not be used in the production of, or placed on the market in:</p> <p>(a) another substance, as a constituent;</p> <p>(b) a mixture;</p> <p>(c) an article, or any part thereof, in a concentration equal to or greater than 0,1 % by weight, after 2 March 2019.</p>	VO (EG) Nr. 1907/2006	Anhang XVII
50671	<p>Prohibitions and restrictions for persistent organic pollutants are to be observed (POP-Regulation).</p> <p>Additional information: RE (EC) No. 850-2004_17-05.pdf VO (EG) Nr. 850-2004_17-05.pdf</p>	VO (EG) Nr. 850/2004	
50795	<p>Consumer Goods or part thereof under 5 cm (not toys) that could be used by children under normal or reasonably foreseeable conditions of use in the mouth may not be placed on the market if the concentration of lead (expressed as metal) in those articles or accessible parts thereof is equal to or greater than 0,05 % by weight.</p> <p>This does not apply to products which were first placed on the market before 01 June 2016.</p> <p>Exceptions (see Additional information) to be observed.</p> <p>Additional information: RE (EU) No. 2015-628 REACH Lead_15-04 VO (EU) 2015-628 Änderung REACH Blei_15-04</p>	VO (EG) Nr. 1907/2006	Anhang XVII i.V.m. VERORDNUNG (EU) 2015/628
50538	Material, mixtures and products with a mercury concentration of over 0.01 percent weight may no longer be manufactured or placed on the market from 10. Oct.2017.	VO (EU) Nr. 848/2012	
50525	If a product marked with a CE mark and complies with it by the CE- requirements, the GS- mark should not to be used. Equivalent requirements of CE criteria and GS criteria rules out a GS-mark.	ProdSG	§ 20
50527	<p>The GS-mark must be designed in accordance with the provisions of ProdSG.</p> <p>Additional information: GS- Zeichen_14-04</p>	ProdSG	§ 22 (3)

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req. no.	Statutory requirement	Law	Article
50517	<p>Products may be provided only in the market if they are safe. The following points should be considered for evaluation:</p> <ul style="list-style-type: none"> - The property of the product, including the composition, packaging, instructions for assembly, installation, maintenance and service life; - Expect the effect of the product on other products where is that it is used together with other products; - The presentation of the product, its labeling, as well as information on the Elimination of all other indication or informations; - The group of users who are more at risk when using the product as others. 	ProdSG	§ 3
50518	<p>The product safety of a product is completely to examined. All components of a product, as:</p> <ul style="list-style-type: none"> - the product as self, - identification, - correct instructions, - adequate warnings, - Information about foreseeable misuse, - disposal instructions, - Information for specific user groups, <p>must be checked.</p>	ProdSG	§ 3
50519	<p>Manufacturers and importers have provisions for appropriate measures (market monitoring, complaint analysis, etc.) shall be taken to avoid risks associated with the product. This applies to organizational measures to alert consumers and any necessary withdrawal or the recall.</p>	ProdSG	§ 6
50520	<p>Manufacturers and importers have carried out random checks to investigate complaints and to inform the dealers about their actions in the context of product safety.</p>	ProdSG	§ 6 (3)
50521	<p>Manufacturers and importers have the competent market surveillance authority immediately informed about health and safety risks associated with the product that they put on the market.</p> <p>The actions taken to represent.</p>	ProdSG	§ 6 (4)
50522	<p>The CE marking must be visible, legible and permanently be directly attached to the product or its data plate. This also applies to the address of the manufacturer, importer or the trademark owner. If the type of product that is not possible or not warranted, the CE marking is affixed on the packaging, as well as on the accompanying documents, provided they are prescribed.</p> <p>Attention! Information from public authorities are exceptions to the direct labeling of the product if they are only economic.</p> <p>Additional information: LASI Leitlinien zum Produktsicherheitsgesetz_13-04</p>	ProdSG	§7 (3)
50523	<p>If the production (production control) of the product by a notified conformity assessment body has been audited, according to the CE mark, the number have to apply on the product.</p>	ProdSG	§ 7 (4)

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req. no.	Statutory requirement	Law	Article
50524	Behind the CE mark and the number can be apply an icon indicating a special risk or special use.	ProdSG	§ 7 (5)
160071	It is prohibited to place consumer goods on the market under misleading designation, information or presentation.	LFGB	§33 Abs. 1
103003	Consumer articles and toys with liquids, for example in double-walled articles, are subject to a purchase ban.	QS	
50013	From 1. May 2009 it is prohibited to put products with a concentration of 0.1mg/kg dimethylfumerat (DMF) into circulation. The material is employed in the prevention of moulds in attached bags (silica gel) and where applicable also in products. In particular for wood, textiles and leatherware.	Entsch 2009/251/EG	Artikel 2, Abs. 1
160070	Articles for daily use must not be placed on the market if they do not conform to stipulated requirements from the regulation (EG) Nr 1935/2004 regarding their manufacture	LFGB	§31 Abs.1
5046	Products may be introduced onto the market only if they do not endanger the safety and health of consumers or damage other objects (products). In addition, for products which are subject to other legal provisions the higher requirements specified must also be fulfilled.	ProdSG	§ 3 (1)
160069	Articles or substances must not be placed on the market as consumer goods if their intended or predictable use is likely to impair health by virtue of their material composition, e.g. through toxic substances or impurities.	LFGB	§30
5047	All products must be clearly marked on the product as follows: 1. with the full address of the manufacturer. 2. with the full address of the importer, if the headquarters of the manufacturer or person authorised by him is not in Germany. 3. with the full address of the dealer, if he has imported the product himself. If a direct product marking is not possible (technically), it can also be attached to the packaging (Exceptions are to be observed). Furthermore, applies to products in the harmonized area (ProdSV and more) supplemental label elements.	ProdSG	§ 6
5048	All products must observe the relevant standards, state of the art and legal provisions of the EU.	ProdSG	§ 4
5351	Products that are not food, but which are due to - their shape, - her smell, - their color, - her appearance, - her presentation, - their marking, - their volume or - her size it is foreseeable that they will be confused with food by consumers, especially children, and therefore be taken to the mouth, sucked or swallowed, which may give rise, in particular, to the risk of suffocation, poisoning, perforation or obstruction of the digestive tract, are forbidden.	LFGB	§ 5, in V. m. § 3, Nr. 10



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req. no.	Statutory requirement	Law	Article
5049	Instructions for use/safety instructions must be included with all technical products and appliances. This applies also to products which may damage other objects when used incorrectly, or may endanger the safety and health of the user.	ProdSG	§ 3 (4)
5050	Instructions for use must inform the user of the following facts: 1. Type of use 2. Assembly 3. Installation 4. Maintenance instructions 5. Warnings, particularly when used for a purpose other than that intended 6. Prevention of maloperation 7. Special instructions for user groups which are exposed to greater danger (children, pregnant women, older people) 8. Full address of the manufacturer or importer 9. Note on safe keeping of the instructions for use 10. Note on legally specified waste disposal.	ProdSG	§ 4 (2) 3. und 4.
5052	The GS sign may be used only if a notified GS testing institute has carried out a test and confirmed this.	ProdSG	§ 20 (1)
5051	The CE marking may be used only if this is subject to the relevant directives and these requirements have also been observed.	ProdSG	§ 7 (1)

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Requirements for products which are affected by REACH

Article No.:

Manufactured item means a product which intentionally releases a substance and acquires at the manufacturing stage a specific form, surface or configuration, which, to a greater extent than its chemical composition, determines its function. As such are accounted e.g. scented candles, textiles releasing scent, perfumed handkerchiefs, Manufactured items are articles, which at the manufacturing stage acquire a specific form, surface or configuration, which to a greater extent than the chemical composition determines their function.

req. no.	Statutory requirement	Law	Article
50833	Methanol (CAS No 67-56-1 EC No 200-659-6) shall not be placed on the market to the general public after 9 May 2019 in windscreen washing or defrosting fluids, in a concentration equal to or greater than 0,6 % by weight.	VO (EG) Nr. 1907/2006	Anhang XVII i.V.m. VO (EU) 2018/589
50395	The requirements of the safety data sheets are to be fulfilled according to RE (EC) 1907/2006 Annex II. Additional information: RE (EC) No. 1907-2006_17-05.pdf VO (EG) Nr. 1907-2006_17-05.pdf	VO (EG) Nr. 1907/2006	Anhang II
50177	For articles you can find the REACH requirements for producers, importers and distributors in the Guideline of the REACH CLP Helpdesk: http://www.reach-clp-biozid-helpdesk.de/en/Homepage.html?sessionId=2AC4AEBE23776D9211A35669BF9C6791.s2t2	VO (EG) Nr. 1907/2006	
5220	For all ready-made articles (products), which intentionally release more than 1 ton of chemical substance the REACH requirements apply and must be adhered to from 1 June 2007 or 1 June 2008 respectively. Additional information: RE (EC) No. 1907-2006_17-05.pdf VO (EG) Nr. 1907-2006_17-05.pdf	VO (EG) Nr. 1907/2006	Art.141
50046	The material limits and prohibitions of Annex XVII, current form in each case are to be observed. https://echa.europa.eu/substances-restricted-under-reach	VO (EG) Nr. 1907/2006	Anhang XVII
5221	The manufacturers are responsible for the adherence to the obligations arising from REACH for all ready-made articles (products) produced in the EU. This also applies to own brands.	VO (EG) Nr. 1907/2006	Art.3 Abs.3,4,7,9,11
5222	Manufacturers within the EU, who come under the REACH obligations will, after registration, make their registration numbers known without being asked. This also applies to private labels.	QS	



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Plastics

Plastics also include fully or partly synthetically manufactured rubbers. Plastic fibres were handled under "Textile Fibres"!

Foamed plastics are for example mattresses, cushions, cold boxes, bicycle saddles, insulating materials.

req. no.	Statutory requirement	Law	Article
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req. no.	Statutory requirement	Law	Article
713	<p>It must be ascertained that the limits for dioxins and furans are not exceeded.</p> <p>Limits must be adhered to for the following groups of dioxins and furans:</p> <p>Group 1</p> <ul style="list-style-type: none"> a) 2,3,7,8-Tetrachlorodibenzo-p-dioxin b) 1,2,3,7,8-Pentachlorodibenzo-p-dioxin c) 2,3,7,8-Tetrachlorodibenzofuran d) 2,3,4,7,8-Pentachlorodibenzofuran <p>Group 2</p> <ul style="list-style-type: none"> a) 1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin b) 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin c) 1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin d) 1,2,3,7,8-Pentachlorodibenzofuran e) 1,2,3,4,7,8-Hexachlorodibenzofuran f) 1,2,3,7,8,9-Hexachlorodibenzofuran g) 1,2,3,6,7,8-Hexachlorodibenzofuran h) 2,3,4,6,7,8-Hexachlorodibenzofuran <p>Group 3</p> <ul style="list-style-type: none"> a) 1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin b) 1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin c) 1,2,3,4,6,7,8-Heptachlorodibenzofuran d) 1,2,3,4,7,8,9-Heptachlorodibenzofuran e) 1,2,3,4,6,7,8,9-Octachlorodibenzofuran <p>Group 4</p> <ul style="list-style-type: none"> a) 2,3,7,8-Tetrabromodibenzo-p-dioxin b) 1,2,3,7,8-Pentabromodibenzo-p-dioxin c) 2,3,7,8-Tetrabromodibenzofuran d) 2,3,4,7,8-Pentabromodibenzofuram <p>Group 5</p> <ul style="list-style-type: none"> a) 1,2,3,4,7,8-Hexabromodibenzo-p-dioxin b) 1,2,3,7,8,9-Hexabromodibenzo-p-dioxin c) 1,2,3,6,7,8-Hexabromdibenzo-p-dioxin d) 1,2,3,7,8-Pentabromodibenzofuran <p>The following limits must be met:</p> <ul style="list-style-type: none"> 1. 1 µg/kg for the total amounts contained of chemical compounds stated in Group 1 2. 5 µg/kg for the total amounts contained of chemical compounds stated in Group 1 and 2 3. 100 µg/kg for the total amounts contained of chemical compounds stated in Group 1, 2 and 3 4. 1 µg/kg for the total amounts contained of chemical compounds stated in Group 4 5. 5 µg/kg for the total amounts contained of chemical compounds stated in Group 4 and 5 	ChemVerbotsV	§ 3 Anlage 1
S. 7	<p>The limits in Items 2, 3 and 5 are deemed to have been met</p>		

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req. no.	Statutory requirement	Law	Article
50049	Diocetylzin combinations (DOT) are prohibited from 1.January 2012 in products if the substance concentration of DOT exceeds 0.1 per cent weight. The following products are affected: textiles with skin contact;- gloves; - parts of shoes that come into contact with skin; -walll and floor coverings; - baby articles; ladies hygiene products;- nappies/diapers; -packaging;- two-part room temperature vulcanisation form sets (RTV-2- form sets)	VO (EG) Nr. 1907/2006	Anhang XVII
671	Mixtures and articles produced from plastic material as listed above shall not be placed on the market if the concentration of cadmium (expressed as Cd metal) is equal to or greater than 0,01 % by weight of the plastic material. By way of derogation, above restriction shall not apply to articles coloured with mixtures containing cadmium for safety reasons.	VO (EG) Nr. 1907/2006	Anhang XVII
50737	Products of rubber or plastic components (e.g. sport equipment, household utensils, tools, clothing, footwear, wrist-bands), that come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity, should not contain more than 1.0 mg / kg of one of the listed PAHs: a) Benzo(a)pyren (BaP) b) Benzo(e)pyren (BeP) c) Benzo(a)anthracen (BaA) d) Chrysen (CHR) e) Benzo(b)fluoranthen (BbFA) f) Benzo(j)fluoranthen (BjFA) g) Benzo(k)fluoranthen (BkFA) h) Dibenzo(a,h)anthracen (DBAhA) This shall not apply to articles placed on the market for the first time before 27 December 2015. For these articles the values of BfR and ZEK apply. (The standard EN 16143:2013 (Petroleum products- Determination of content of Benzo (a)pyrene (BaP) and selected polycyclic aromatic hydrocarbons (PAH) in extender oils- Procedure using double LC cleaning and GC/MS analysis) shall be used as the test method for demonstrating conformity with the limits.) Additional information: CR (EC) 2015-326_test method_15-04 CR (EU) No. 1272_2013 PAHs_13-11.pdf VO (EU) Nr. 1272-2013_16-05 VO(EU) Nr. 2015-326_Prüfverfahren_15-04	VO (EG) Nr. 1907/2006	Anhang XVII Nr. 50

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req. no.	Statutory requirement	Law	Article
50738	<p>Toys, including activity toys, and childcare articles of rubber or plastic components, that come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity, should not contain more than 0.5 mg / kg of one of the listed PAHs:</p> <p>a) Benzo(a)pyren (BaP) b) Benzo(e)pyren (BeP) c) Benzo(a)anthracen (BaA) d) Chrysen (CHR) e) Benzo(b)fluoranthen (BbFA) f) Benzo(j)fluoranthen (BjFA) g) Benzo(k)fluoranthen (BkFA) h) Dibenzo(a,h)anthracen (DBAha)</p> <p>This shall not apply to articles placed on the market for the first time before 27 December 2015. For these articles the values of BfR and ZEK apply.</p> <p>(The standard EN 16143:2013 (Petroleum products- Determination of content of Benzo (a)pyrene (BaP) and selected polycyclic aromatic hydrocarbons (PAH) in extender oils- Procedure using double LC cleaning and GC/MS analysis) shall be used as the test method for demonstrating conformity with the limits.)</p> <p>Additional information: CR (EC) 2015-326_test method_15-04 CR (EU) No. 1272_2013 PAHs_13-11.pdf VO (EU) Nr. 1272-2013_16-05 VO(EU) Nr. 2015-326_Prüfverfahren_15-04</p>	VO (EG) Nr. 1907/2006	Anhang XVII Nr. 50
721	<p>Products made of vinyl chloride polymers (e.g. PVC) which are intended to</p> <ul style="list-style-type: none"> - come into contact with food during manufacture, treatment, distribution, or use - come into contact with cosmetics or tobacco products - come into contact with the skin, not just temporarily - come into contact with the mouth - as well as all - toys and joke articles - cleaning and care agents - products for personal hygiene <p>may not contain more than 1 mg monomer vinyl chloride per kg</p>	BedGgstV	§ 6 Abs. 3 iVm Anl.5 Nr. 1
723	<p>Analysis of the Consumer Goods must be done according to the methods laid down in Annex 10 of the regulation concerning consumer goods (BedGgstV).</p> <p>Additional information: Bedarfsgegenständeverordnung_17-05.pdf</p>	BedGgstV	§ 11 + Anlage 10



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req. no.	Statutory requirement	Law	Article
5214	<p>The import and marketing of products and devices containing chlorofluorocarbons, other perhalogenated chlorofluorocarbons, halons, carbontetrachlorides, 1,1,1-trichloroethane, partly halogenated bromofluoride hydrocarbons and chlorobromomethane are prohibited. The following are affected:</p> <ul style="list-style-type: none"> - Aerosol products - Dyes and paints - Cosmetics - Lubricants - Cleaning materials - Pressurised gas containers - Fire extinguishers - Insulation materials - Refrigerators - Air conditioning units - Mattresses - Foam material - Adhesives 	ChemOzonSchi chtV	Art.4
50050	<p>Trisubstituted zinc compounds (e.g. TBT, TPT) with a concentration of more than 0.1 per cent weight inproducts, not mixtures such as:</p> <ul style="list-style-type: none"> - carpets; - clothing; - wood preservation substances; - leather goods; - PVC-products; - paints and varnishes <p>are prohibited from 1. July 2010</p>	VO (EG) Nr. 1907/2006	Anhang XVII



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req. no.	Statutory requirement	Law	Article
50051	<p>Dibutyl zinc compounds (DBT) with a concentration of more than 0.1 per cent weight are prohibited from 1 January 2012 ,if these are intended for end-users in such products and mixtures as:</p> <ul style="list-style-type: none"> - impregnating sprays; - mattresses; - PVC articles; - polyurethane foam; - textiles, - where applicable other articles and mixtures. <p>The above date does not apply to the following products and mixtures: one- and two part room temperature vulcanisation sealing substances and glues (RTV-1 and RTV-2 sealing substances); - paints and coatings containing DBT-compounds as catalysts if these are painted on products; - soft polyvinylchloride (PVC) profiles whether these are extruded with hard PVC or not; material covered with a layer of PVC which contains DBT-compounds as stabilisers, if intended for outdoor use; - outside rainwater piping, guttering and joints as well as roof and exterior wall cladding.</p> <p>The prohibition comes into force on 1. January 2015.</p>	VO (EG) Nr. 1907/2006	Anhang XVII
50349	<p>For the dyes of plastic household use articles, the recommendations of the BfR "IX. Colourings for dyeing plastics and other polymers for articles for household use" are to be adhered to.</p> <p>Additional information: BfR IX Colorants Used in Commodities_11-02 BfR IX Farbmittel zum Einfärben von Bedarfsgegenständen_11-02</p>	BfR-Empfehlung	BfR IX



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Metallic surfaces

Article No.:

Concerns metallic surfaces of household appliances, furniture, sanitary systems, air-conditioning systems, devices for freezing and deep-freezing and so on.

req. no.	Statutory requirement	Law	Article
100669	Avoidance of lead-containing metals for bearings and cadmium containing colours and screws.	QS	
675	For household items, furniture, sanitary systems, airconditions and devices for freezing and deep-freezin and others metallic surfaces must not be treated with cadmium.	VO (EG) Nr. 1907/2006	Anhang XVII
103075	All steel and steelproducts from India must provide freedom of radioactive contamination (Cobalt 60). Limit: 500 mikrobequerel per gram. Analytical method: nuclide specific CO-60 measurement (Gamma-spectroscopy)	ProdSG	
103071	With the application of Chrome III it is essential to ensure that the treatment of the product is absolutely flawless, no corrosion occurs, so that no chrome VI forms	QS	
50795	Consumer Goods or part thereof under 5 cm (not toys) that could be used by children under normal or reasonably foreseeable conditions of use in the mouth may not be placed on the market if the concentration of lead (expressed as metal) in those articles or accessible parts thereof is equal to or greater than 0,05 % by weight. This does not apply to products which were first placed on the market before 01 June 2016. Exceptions (see Additional information) to be observed. Additional information: RE (EU) No. 2015-628 REACH Lead_15-04 VO (EU) 2015-628 Änderung REACH Blei_15-04	VO (EG) Nr. 1907/2006	Anhang XVII i.V.m. VERORDNUNG (EU) 2015/628
50772	For all consumer goods made of metal (jewelry, writing instruments, mobile phones) which are intended to come into direct and prolonged in contact with the skin, the corresponding material restrictions of Annex XVII to Regulation (EC) no. 1907/2006 must be observed. https://www.echa.europa.eu/substances-restricted-under-reach	VO (EG) Nr. 1907/2006	Anhang XVII



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Packaging (also wooden packing)

Article No.:

Products produced out of any material to contain, protect, operate, deliver or offer merchandise. Packagings include sales-, re-, and transport packagings (acc. VerpackV).

req. no.	Statutory requirement	Law	Article
5324	<p>Manufacturer and seller (trade with own products) must compile, allow checking and deposit with the competent IHK annually by 1. May for the previous year a declaration of completeness. This depends on the following limits for the amounts of packing place on the market:</p> <ul style="list-style-type: none"> - 80.000 kg glass - or 50.000 kg paper, cardboard or carton - or 30.00 kg of other materials. <p>This obligation is in force from 5.April 2008. This means that the first statement of completeness must be compiled for the period 5. April to 31. december and presented on 1. May 2009</p>	VerpackV	§10,Abs. 1,2,3,4,5
50049	<p>Diocetylzin combinations (DOT) are prohibited from 1.January 2012 in products if the substance concentration of DOT exceeds 0.1 per cent weight. The following products are affected: textiles with skin contact; - gloves; - parts of shoes that come into contact with skin; - walll and floor coverings; - baby articles; ladies hygiene products;- nappies/diapers; -packaging;- two-part room temperature vulcanisation form sets (RTV-2- form sets)</p>	VO (EG) Nr. 1907/2006	Anhang XVII
50491	<p>Whoever manufactures, treats and puts, with a label regarding the treatment, wood packaging according to the international standard for wooden packaging material into circulation, must be registered with the authority responsible and label the wood packaging.</p> <p>Appropriate records must be kept and retained for three years.</p>	PfIBeschauV 1989	§13p und 13q
160069	<p>Articles or substances must not be placed on the market as consumer goods if their intended or predictable use is likely to impair health by virtue of their material composition, e.g. through toxic substances or impurities.</p>	LFGB	§30
5321	<p>From 1. January 2009 the marking of packaging with a licensing mark (e.g. green dot) is not required.</p>	VerpackV	Anhang 1,Nr.3,Abs.2
5320	<p>All packaging which accumulates in private households must be licensed by a Dual System from 1. May 2009.</p>	VerpackV	§6 Abs.1
3051	<p>Plastic bags with an aperture volume larger as 38 cm have to be marked with following bilingual warning label:</p> <p>"Plastiktüte ist kein Spielzeug. Von Kindern fernhalten. Erstickungsgefahr !"</p> <p>"Plastic bag is not a toy. Keep out of reach of children. Danger of suffocation !"</p>	QS	Unternehmensint ern
2655	<p>Packaging must not exceed defined accumulated concentrations of</p> <ul style="list-style-type: none"> - Lead - Cadmium - Mercury - Chromium VI: <p>100 ppm</p> <p>This applies to transport, re-packaging and sales packaging.</p>	VerpackV	§13



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Requirements for machines

Article No.:

req. no.	Statutory requirement	Law	Article
50179	Equipment for use outdoors have to fulfill the Directive 2000/14/EG regarding the noise emission. Also the German 32. BImSchV have to be observed. Additional information: 32. BImSchV_16-05 DI 2000-14-EG Outdoor_16-05 RL 2000-14-EG Outdoor_16-05	32. BImSchV	i.V.m. RL 2000/14/EG
50825	For following products, the requirements of the machinery Directive must be observed: (a) machinery; (b) interchangeable equipment; (c) safety components; (d) lifting accessories; (e) chains, ropes and webbing; (f) removable mechanical transmission devices; (g) partly completed machinery. Additional information: DI 2006-42-EC Machinery_16-05 RL 2006-42-EG Maschinen_16-05	9. ProdSV	§ 1
882	Electronic articles must carry additionally to the CE-symbol the following information on the product resp. in the manual instruction, if they apply to the machine guidelines: a) An EU conformity declaration must be enclosed with every machine, b) It must be written in the language of the user and not signed by hand c) The CE identification must be attached to the machine.	9. ProdSV	§ 3 (1) 1.2. (3)
876	For machines such as: - circular saws, sawing machines, ribbon saws - surface planer, planing machine - hand chain saws - garden tools the supplier must also have a prototype test carried out by a notified instance, in addition to the CE identification. For his own imports from non-EU states, the importer has to order a prototype test. Additional information: DI 2006-42-EC Machinery_16-05 RL 2006-42-EG Maschinen_16-05	9. ProdSV	§ 3 iVm. Art. 8 (2 b+c) Maschinen-RL

Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Requirements for machines

Article No.:

req. no.	Statutory requirement	Law	Article
80147	<p>Hand-held, non-electric power tools have to fulfil following Norms:</p> <p>DIN EN ISO 11148-1: Assembly power tools for non-threaded mechanical fasteners DIN EN ISO 11148-2: Cutting-off and crimping power tools DIN EN ISO 11148-3: Drills and tappers DIN EN ISO 11148-4: Non-rotary percussive power tools DIN EN ISO 11148-5: Rotary percussive drills DIN EN ISO 11148-6: Assembly power tools for threaded fasteners DIN EN ISO 11148-8: Sanders and polishers DIN EN ISO 11148-9: Die grinders DIN EN ISO 11148-10: Compression power tools DIN EN ISO 11148-11: Nibblers and shears</p>	DIN EN ISO 11148 Normenreihe 1-12	
5079	<p>The relevant harmonized standards of the machine regulations must be observed. Probability of conformity = the manufacturer can assume that if these standards are correctly applied, the requirements of the regulations will be fulfilled.</p> <p>In each case, the current norms are to be applied.</p> <p>The standards are given under: www.baua.de</p>	Normenverz. 9. ProdSV	Abschnitt 2
50225	<p>Details regarding machine guidelines are to be found here.</p> <p>Additional information: Leitfaden Maschinenrichtlinie Juni 2010_12-11 Leitfaden Maschinenrichtlinie_englisch_10-11</p>	QS	
80193	Hand-held non-electric fastener driving tools, must fulfill the requirements of DIN EN 792-13.	DIN EN 792-13	
80194	Hand-held non-electric small circular, small oscillating and reciprocating saws, must fulfill the requirements of DIN EN ISO 11148-12.	DIN EN ISO 11148-12	

Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Batteries/Accumulator

Article No.:

Sources of electrical energy consisting out of one or more non rechargeable primary cells or rechargeable secondary cells, which are produced through/by direct transformation of chemical energy.

req. no.	Statutory requirement	Law	Article
656	Producer and importers of batteries have to re-accept collected batteries free of charge and re-use them resp. have to dispose non-reusable batteries according to the regulations. For the fulfilment of these obligations, they can also use the services of third parties (contribution in pool).	BattG	§ 5
50044	Batteries with lithium metal or lithium alloy (maximal 2 g lithium, with lithium ions (maximal a stated energy in watthours of 100 watthours) must be labelled on the casing with the stated energy in watt-hours. The manufacturer/supplier must supply a safety data sheet or a technical data sheet. In particular it must be clear from the documentation that the tests according to UN-manual (III.38.3) were passed.	ADR	
3044	The sale and trading of batteries (including such installed in appliances) containing more than 0.0005 % mercury by weight is prohibited. Button cells: As of 01. October 2015 the marketing of button cells containing more than 0.0005 percent by weight of mercury, is prohibited. Additional information: BattG- Stand 20.11.2015_16-11	BattG	§ 3
50112	It is prohibited to put batteries for equipment into circulation which contain more cadmium than 0.002 per cent by weight . This prohibition does not apply to nickel-cadmium batteries which are deployed in the following systems or equipment: emergency and alarm systems; emergency lighting; medical equipment (medical products); Cordless electrical tools: As of 01. January 2017 the marketing of power tools containing cadmium batteries containing more than 0.002 percent cadmium by weight, is prohibited. Additional information: BattG- Stand 20.11.2015_16-11	BattG	§ 3



Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Batteries/Accumulator

Article No.:

Sources of electrical energy consisting out of one or more non rechargeable primary cells or rechargeable secondary cells, which are produced through/by direct transformation of chemical energy.

req. no.	Statutory requirement	Law	Article
658	<p>All Batteries must be labelled according to Annex 1 (struck through waste bin).</p> <p>Batteries containing hazard substances (if exceptions are made) must labelled as well with the chemical symbols (Cd, Hg or Pb) if the shares of the heavy metals exceed the following values:</p> <p>0.0005 mass per cent mercury;</p> <p>0.0002 mass per cent cadmium;</p> <p>0.004 mass per cent lead</p> <p>Additional information: Anlage BattG_14-04</p>	BattG	§ 17
50269	<p>rechargeable batteries and accumulators for devices (including automobile batteries) must be labelled with a charge label. This does not apply to such batteries and accumulators which are built into a device and which cannot or should not be removed,</p> <p>Additional information: VO (EU) 1103/2010 de_10-11 VO (EU) 1103/2010 en_10-11</p>	VO (EU) Nr. 1103/2010	



Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Electric devices, battery or mains operated

Article No.:

All products that are mains-operated and/or are battery/accumulator driven. Included are also installation materials and e.g. dimmers, mains testing screwdrivers etc.

req. no.	Statutory requirement	Law	Article
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Category: Electric appliances/Electronic/Multimedia

18-05

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Electric devices, battery or mains operated

Article No.:

All products that are mains-operated and/or are battery/accumulator driven. Included are also installation materials and e.g. dimmers, mains testing screwdrivers etc.

req. no.	Statutory requirement	Law	Article
917	<p>Electrical equipment designed for use with a voltage rating of between 50 and 1.000 V for alternating current and between 75 and 1.500 V for direct current made available on the Union market only if, having been constructed in accordance with good engineering practice in safety matters in force in the Union, it does not endanger the health and safety of persons and domestic animals, or property, when properly installed and maintained and used in applications for which it was made. The principal elements of the safety objectives are listed in Annex I of the DIRECTIVE 2014/35/EU.</p> <p>When placing their electrical equipment on the market, manufacturers shall ensure that it has been designed and manufactured in accordance with the safety objectives referred to in Article 3 and set out in Annex I.</p> <p>Manufacturers shall draw up the technical documentation referred to in Annex III and carry out the conformity assessment procedure referred to in Annex III or have it carried out.</p> <p>Where compliance of electrical equipment with the safety objectives referred to in Article 3 and set out in Annex I has been demonstrated by the conformity assessment procedure referred to in the first subparagraph, manufacturers shall draw up an EU declaration of conformity and affix the CE marking.</p> <p>Manufacturers shall keep the technical documentation referred to in Annex III and the EU declaration of conformity for 10 years after the electrical equipment has been placed on the market.</p> <p>Manufacturers shall ensure that procedures are in place for series production to remain in conformity with this Directive. Changes in product design or characteristics and changes in the harmonised standards referred to in Article 12, the international or national standards referred to in Articles 13 and 14, or in other technical specifications by reference to which conformity of electrical equipment is declared shall be adequately taken into account.</p> <p>When deemed appropriate with regard to the risks presented by electrical equipment, manufacturers shall, to protect the health and safety of consumers, carry out sample testing of electrical equipment made available on the market, investigate, and, if necessary, keep a register of complaints, of non-conforming electrical equipment and electrical equipment recalls, and shall keep distributors informed of any such monitoring.</p> <p>Manufacturers shall ensure that electrical equipment which they have placed on the market bears a type, batch or serial number or other element allowing its identification, or, where the size or nature of the electrical equipment does not allow it, that the required information is provided on its packaging or in a document accompanying the electrical equipment.</p> <p>Manufacturers shall indicate on the electrical equipment their name, registered trade name or registered trade mark and the postal address at which they can be contacted or, where that is not possible, on its packaging or in a document accompanying the electrical equipment. The address shall indicate a single point at which the manufacturer can be contacted. The contact details shall be in a language easily understood by end-users and market surveillance authorities.</p>	1. ProdSV	§ 1, 3, 7, 8, 14, 21



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18-05

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req. no.	Statutory requirement	Law	Article
5181	All electrical appliances for household and similar purposes must fulfill the requirements of DIN EN 60335-1 regarding appliance safety.	DIN EN 60335-1	
3070	Surfaces of handles, knobs, grips and similar components, which are held permanently when used !properly! and are fitted to electrical appliances, must not exceed the following temperature increases: made of metal: 30 K made of porcelain or glass materials: 40 K made of plastic-, rubber-materials or wood: 50 K	DIN EN 60335-1	
3071	Surfaces of handles, knobs, grips and similar components, which are held only for a !short time! when used properly and are fitted to electrical appliances, must not exceed the following temperature increases: made of metal: 35 K made of porcelain or glass materials: 45 K made of plastic-, rubber-materials or wood: 60 K	DIN EN 60335-1	
605	For electrical appliances, the mechanical stability of the plastic housing must correspond to the requirements of DIN EN 60335-1.	DIN EN 60335-1	DIN EN 60335-1 i.V.m. § 3 GSG
5137	Plugs and sockets for domestic use must fulfill the requirements of Norm DIN VDE 0620-1.	DIN VDE 0620-1	

Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Electric devices, battery or mains operated

Article No.:

All products that are mains-operated and/or are battery/accumulator driven. Included are also installation materials and e.g. dimmers, mains testing screwdrivers etc.

req. no.	Statutory requirement	Law	Article
5113	<p>It is forbidden to place on the market new electrical and electronic equipment (alternating current not exceeding 1000 V, direct current of not more than 1500 V) exceeding 0,1% by weight:</p> <p>a) lead, b) mercury, c) hexavalent chromium, d) polybrominated biphenyl (PBB), e) polybrominated diphenyl ethers (PBDE), f) di (2-ethylhexyl) phthalate (DEHP), g) butyl benzyl phthalate (BBP), h) dibutyl phthalate (DBP), i) diisobutyl phthalate (DIBP),</p> <p>per homogeneous material or more than 0.01% by weight of cadmium per homogeneous material.</p> <p>The above prohibited substances a) -e) apply to the following electrical and electronic equipment:</p> <p>1. medical devices and monitoring and control instruments 22 July 2014; 2. In vitro Diagnostics July 22, 2016; 3. Industrial monitoring and control instruments 22 July 2017.</p> <p>The above prohibited substances f) -i) apply to the following electrical and electronic equipment:</p> <p>1. household appliances, household appliances, information and telecommunication equipment, consumer electronics, lighting, electrical and electronic tools, toys and sports and recreational equipment and automatic dispensers 22 July 2019; 2. Medical devices, in-vitro diagnostics and monitoring and control apparatus (including industrial) 22 July 2021;</p> <p>The prohibition of substances (f) - (h) shall not apply to toys which are already subject to restrictions under Annex XVII.</p> <p>Exceptions to the prohibition of substances shall be observed in accordance with the current state of the annexes to Directive 2011/65 / EU and the Regulation.</p> <p>Additional information: DIR 2011/65/EU_15-04 RL 2011/65/EU_15-04</p>	ElektroStoffV	§ 3 Abs. 1, § 15
5340	All electrical equipment must be permanently fitted with the CE mark.	EMVG	§ 18
5337	Electrical devices, must be constructed according to the technical state of the art and may not interfere with other devices electromagnetically nor may they be susceptible to electromagnetic interference	EMVG	§ 4
5342	Every electrical device must be labelled with the name and address of the manufacturer. If the manufacturer is from a third country it must be labelled with the name and address of the importer.	EMVG	§ 9

Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Electric devices, battery or mains operated

Article No.:

All products that are mains-operated and/or are battery/accumulator driven. Included are also installation materials and e.g. dimmers, mains testing screwdrivers etc.

req. no.	Statutory requirement	Law	Article
5341	Every electrical device must be labelled with the type/model mark, the type series, the serial number or be marked with other information to enable the assignment of the device to an EC declaration of conformity and the batch.	EMVG	§ 9
50192	Electric household appliances are to be tested for safety analogue standards DIN EN 60335-ff, in particular also for possible wrong applications and the labelling.	Normenreihe DIN EN 60335- ff	
5078	The relevant harmonized standards of the low-voltage directive must be observed. Probability of conformity = the manufacturer can assume that if these standards are correctly applied, the requirements of the directive will be fulfilled. The standards are given under: www.baua.de	Normenverz. 1. ProdSV	Abschnitt 1
5139	For electric articles the conditions of the harmonized norms (in each case the current status) are to be followed.	ProdSG	



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18-05

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req. no.	Statutory requirement	Law	Article
5339	<p>Any equipment or finished appliance or combination thereof made available on the market as a single functional unit, intended for the end-user and liable to generate electromagnetic disturbance, or the performance of which is liable to be affected by such disturbance shall meet the essential requirements set out in Annex I of the Directive 2014/30EU.</p> <p>When placing their apparatus on the market, manufacturers shall ensure that they have been designed and manufactured in accordance with the essential requirements set out in Annex I.</p> <p>Manufacturers shall draw up the technical documentation referred to in Annex II or Annex III and carry out the relevant conformity assessment procedure referred to in Article 14 or have it carried out. Where compliance of apparatus with the applicable requirements has been demonstrated by that procedure, manufacturers shall draw up an EU declaration of conformity and affix the CE marking.</p> <p>Manufacturers shall keep the technical documentation and the EU declaration of conformity for 10 years after the apparatus has been placed on the market.</p> <p>Manufacturers shall ensure that procedures are in place for series production to remain in conformity with this Directive. Changes in apparatus design or characteristics and changes in the harmonised standards or in other technical specifications by reference to which conformity of apparatus is declared shall be adequately taken into account.</p> <p>Manufacturers shall ensure that apparatus which they have placed on the market bear a type, batch or serial number or other element allowing their identification, or, where the size or nature of the apparatus does not allow it, that the required information is provided on the packaging or in a document accompanying the apparatus.</p> <p>Manufacturers shall indicate, on the apparatus, their name, registered trade name or registered trade mark and the postal address at which they can be contacted or, where that is not possible, on its packaging or in a document accompanying the apparatus. The address shall indicate a single point at which the manufacturer can be contacted. The contact details shall be in a language easily understood by end-users and market surveillance authorities.</p> <p>Manufacturers shall ensure that the apparatus is accompanied by instructions and the information referred to in Article 18 in a language which can be easily understood by consumers and other end-users, as determined by the Member State concerned. Such instructions and information, as well as any labelling, shall be clear, understandable and intelligible.</p> <p>Manufacturers who consider or have reason to believe that an apparatus which they have placed on the market is not in conformity with this Directive shall immediately take the corrective measures necessary to bring that apparatus into conformity, to withdraw it or recall it, if appropriate. Furthermore, where the apparatus presents a risk, manufacturers shall immediately inform the competent national authorities of the Member States in which they made the apparatus available on the market to that effect, giving details, in particular, of the non-</p>	RL 2014/30/EU	Art. 6,7,12



Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Electric devices, battery or mains operated

Article No.:

All products that are mains-operated and/or are battery/accumulator driven. Included are also installation materials and e.g. dimmers, mains testing screwdrivers etc.

req. no.	Statutory requirement	Law	Article
50024	<p>For household appliances (eg white goods, kitchen appliances, appliances for personal care products), consumer electronics, electrical toys, leisure and sports equipment, binding power consumption limits apply.</p> <p>From 7th Jan. 2010:</p> <ul style="list-style-type: none"> - Power consumption in off-mode: max. 1.00 Watt - Power consumption in standby mode: <ul style="list-style-type: none"> Reactivation function max. 1.00 watts; Reactivation function with a progress bar and / or information max. 2.00 watts, - Availability of the standby or hibernation function: <ul style="list-style-type: none"> The network-connected devices across the Standby or off condition, or other condition can be moved without the applicable Consumption limits are exceeded. <p>From 7th Jan. 2013:</p> <ul style="list-style-type: none"> - Power consumption in off-mode: max. 0.50 Watt - Power consumption in standby mode: <ul style="list-style-type: none"> Reactivation function max. 0.50 watts; Reactivation function with a progress bar and / or information max. 1.00 watts, - Availability of the standby or hibernation function: <ul style="list-style-type: none"> The network-connected devices across the Standby or off condition, or other condition can be moved without the applicable Consumption limits are exceeded, - The network-connected devices must be automatically and in a very short time (according to the intended use) put in one of the following states: <ul style="list-style-type: none"> - readiness - off-state - in a different state, with the consumption values not be exceeded, - The power management function shall be enabled at the factory. <p>As of 1 January 2015:</p> <ul style="list-style-type: none"> - Ability to disable the wireless network connections - Power management function for networked devices - Power consumption in standby mode: <ul style="list-style-type: none"> HiNA devices max. 12.00 watts; Other connected devices max 6.00 W <p>This does not apply to:</p> <ul style="list-style-type: none"> i) printer with a power supply, the rated power is 750 W; ii) large format printer; iii) telepresence systems; iv) desktop thin clients; v) workstations; vi) mobile workstations; vii) Small-Scale Server; viii) computer server. <p>As of 1 January 2015 (only for Coffeemakers) :</p> <ul style="list-style-type: none"> - For filter - home coffee machines where the coffee in an insulated Container is kept , a waiting period of no more than five shall Minutes after the last brew cycle or 30 minutes after completion of descaling or self- cleaning process : 	VO (EG) Nr. 1275/2008	Artikel 3, 8 i.V.m.Anhang I, II



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18-05

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Product:Elektronik / Electronic

Electric devices, battery or mains operated

Article No.:

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req. no.	Statutory requirement	Law	Article
50025	<p>For household equipment (e.g. White goods, kitchen machines, equipment for body care), electronic entertainment equipment, electrical toys, spare-time or sports equipment, the technical documentation regarding electricity consumption and features affecting or relevant to the environment are to be available for the declaration of conformity</p> <p>Additional information: CE (EG) No. 1275/2008 ecodesign electrical and electronic household equipment Annex I_13-11.pdf VO (EG) Nr.1275-2008 Ökodesign Haushalts- Bürogeräte Anhang II_13-11.pdf</p>	VO (EG) Nr. 1275/2008	Artikel 4 i.V.mit Anhang II
672	<p>Brazing fillers shall not be placed on the market if the concentration of cadmium (expressed as Cd metal) is equal to or greater than 0,01 % by weight.</p> <p>(brazing shall mean a joining technique using alloys and undertaken at temperatures above 450 °C.)</p> <p>By way of derogation, above restriction shall not apply to brazing fillers used for safety reasons.</p>	VO (EG) Nr. 1907/2006	Anhang XVII



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18-05

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req. no.	Statutory requirement	Law	Article
50640	<p>Spare parts for electrical or electronic equipment may not contain more than 0.1% by weight</p> <p>a) lead, b) mercury, c) hexavalent chromium, d) polybrominated biphenyl (PBB), e) polybrominated diphenyl ethers (PBDE), f) di (2-ethylhexyl) phthalate (DEHP), g) butyl benzyl phthalate (BBP), h) dibutyl phthalate (DBP), i) diisobutyl phthalate (DIBP)</p> <p>per homogeneous material or more than 0.01% by weight of cadmium per homogeneous material.</p> <p>The prohibited substances a) -e) do not apply to spare parts of:</p> <ol style="list-style-type: none"> 1. Electrical and electronic equipment which has been placed on the market until 30 June 2006, 2. medical devices placed on the market until the end of 21 July 2014, 3. In vitro diagnostic medical devices placed on the market until the end of 21 July 2016, 4. Surveillance and control instruments placed on the market until the end of 21 July 2014, 5. industrial monitoring and control instruments placed on the market until the end of 21 July 2017, 6. Electrical and electronic equipment, in so far as it is an exception to Directive 2002/95 / EC (see also applicable dossier). <p>The substance prohibitions f) - i) do not apply to spare parts of:</p> <ol style="list-style-type: none"> 1. household appliances, household appliances, information and telecommunication equipment, consumer electronics, lighting equipment, electrical and electronic tools, toys and sports and recreation equipment and automatic dispensers marketed until 21 July 2019; 2. medical devices, including in vitro diagnostic medical devices and monitoring and control instruments, including industrial monitoring and control devices placed on the market until 21 July 2021. <p>Electrical and electronic equipment placed on the market until the end of 30 June 2006 and used in equipment placed on the market until 30 June 2016. In these parts, it must be made clear to the consumers that these parts have been recycled.</p> <p>Exceptions to the prohibition of substances shall be observed in accordance with the current state of the annexes to Directive 2011/65 / EU and the Regulation.</p> <p>Additional information: DIR 2002-95-EC RoHs_13-04 RL 2002-95-EG RoHs_13-04</p>	ElektroStoffV	§ 3 Abs. 1, § 15



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18-05

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Product:Elektronik / Electronic

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req. no.	Statutory requirement	Law	Article
50639	<p>Cable with a rated voltage of less than 250 V, which serves as a connection or extension cable for the connection of an electrical or electronic device to a socket or for the connection of two or more electrical or electronic devices, must not exceed 0.1% by weight:</p> <p>a) lead, b) mercury, c) hexavalent chromium, d) polybrominated biphenyl (PBB), e) polybrominated diphenyl ethers (PBDE), f) di (2-ethylhexyl) phthalate (DEHP), g) butyl benzyl phthalate (BBP), h) dibutyl phthalate (DBP), i) diisobutyl phthalate (DIBP),</p> <p>per homogeneous material or more than 0.01% by weight of cadmium per homogeneous material.</p> <p>The prohibited substances a) - e) do not apply to cables from:</p> <ol style="list-style-type: none"> 1. Electrical and electronic equipment which has been placed on the market until 30 June 2006, 2. medical devices placed on the market until the end of 21 July 2014, 3. In vitro diagnostic medical devices placed on the market until the end of 21 July 2016, 4. Surveillance and control instruments placed on the market until the end of 21 July 2014, 5. industrial monitoring and control instruments placed on the market until the end of 21 July 2017, 6. Electrical and electronic equipment, in so far as it is an exception to Directive 2002/95 / EC (see also applicable dossier). <p>The substance prohibitions f) - i) do not apply to cables from:</p> <ol style="list-style-type: none"> 1. household appliances, household appliances, information and telecommunication equipment, consumer electronics, lighting equipment, electrical and electronic tools, toys and sports and recreation equipment and automatic dispensers marketed until 21 July 2019; 2. medical devices, including in vitro diagnostic medical devices and monitoring and control instruments, including industrial monitoring and control devices placed on the market until 21 July 2021. <p>Exceptions to the prohibition of substances shall be observed in accordance with the current state of the annexes to Directive 2011/65 / EU and the Regulation.</p> <p>Additional information: DIR 2002-95-EC RoHs_13-04 RL 2002-95-EG RoHs_13-04</p>	ElektroStoffV	§ 3 Abs. 1, § 15



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req. no.	Statutory requirement	Law	Article
50641	<p>The manufacturer shall provide the following documents available for electrical and electronic equipment with a rated voltage not exceeding 1000 V AC and 1500 V DC:</p> <p>a) Technical documentation b) demonstrate compliance with the appropriate procedures of conformity c) demonstrate internal production controls, d) a regularly updated Declaration of Conformity with the following information to create:</p> <ol style="list-style-type: none"> 1. Unique identification of electrical and electronic equipment; 2. Name and address of the manufacturer or his authorized representative; 3. The sole responsibility for issuing this declaration carries the manufacturer (or installer); 4. Identification of the electrical / electronic device for traceability, possibly with photo; 5. The object of the declaration described above is in conformity with the provisions of regulation restricting the use of certain hazardous substances in electrical and electronic equipment (electrical and electronic equipment Substances Ordinance); 6. If necessary. References to the relevant harmonized standards have been applied, or the technical specification. Specifications, to which conformity is declared, 7. Additional information; 8. Signature, place and date of issue. <p>The records are kept for 10 years from the placing of the last piece of an electrical or electronic device series.</p> <p>Above requirements apply to importers and distributors to own brands and with changes already placed on the market on the electrical or electronic device, if the requirements of the regulation are impaired.</p> <p>The documents must be written in German or English and if necessary to make available to the authorities.</p>	ElektroStoffV	§ 4, § 9, § 11

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18-05

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req. no.	Statutory requirement	Law	Article
818	<p>Manufacturers and importers who distribute household devices which are obliged to be labelled, have to provide the trade with labels and data sheets free of charge in German language. The following household items have to be marked with respect to energy consumption, in so far as they cannot also be operated by battery:</p> <ul style="list-style-type: none"> -Electric household refrigerators and freezers and corresponding combination devices -Electric household washing machines apart from machines without a spin-drying facility and apart from machines with separate washing and spin-drying vessels -electric household washing driers -electric automatic combined household wash/driers -electric household dishwashers, - electric ovens, - household lamps, - room air conditioning units, - ventilators, - television sets - vacuum cleaner - space heaters - water heaters - computer <p>Labels and data sheets must correspond to the regulations of the relevant EC directives</p>	EnVKV	§ 3
824	For household devices with compulsory marking, the supplier must draw up technical documentation which is to be available for a period of five years after the end of production. The supplier is the manufacturer within the EC or the person who markets the appliance.	EnVKV	§ 6
825	Brands, symbols, wordings or other labels which can lead the end consumer to confusion with the label required may not be used.	EnVKV	§ 7
50662	<p>Apply to devices (eg power supplies) that are designed for installation between the network and the lamps, including ballasts for lamps, control devices and lights (except for ballasts and luminaires for fluorescent lamps and high intensity discharge lamps), are beginning with the 01 September 2013, requirements for energy consumption, minimum life, and the information.</p> <p>Please note the changes of the annexes in RE (EU) No. 2015/1428.</p> <p>Additional information: CR (EU) No. 2015-1428_15-11 RE (EU) No. 1194-2012 Directional lamps_13-04 VO (EU) Nr. 1194-2012 EU Lampen_13-04 VO (EU) Nr. 2015-1428_15-11</p>	VO (EU) Nr. 1194/2012	



Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Gas installations (gas stove, gas grill, camping stove, gas heater, gas lamp, gas fired boiler, gas operated cooling devices)

Article No.:

req. no.	Statutory requirement	Law	Article
890	<p>Gas consumption installations in series production require a prototype test and a conformity declaration with the corresponding process. Gas consumption installations must, in addition to the CE symbol, carry the following information:</p> <p>a) Name and identification of producer b) Trade name of the installation c) If relevant, type of power supply d) Device category e) The identification and additional information are to be legible and permanently attached to a data label, fastened to the installation. f) After the CE identification, the identification no. of the instance charged with the product supervision is to be stated and the last two digits of the year in which the sign was attached. g) Furthermore the following information has been added: - Instructions for the installing engineer - Operating and servicing instructions - Warnings on the device and the packaging</p>	7. ProdSV	§ 2, § 4 i.V.m. Gas-RL, Anhang I, 1.2., 1.2.1.-3.
1571	<p>Gas consumption installations must be identified by the CE symbol and fulfil the necessary prerequisites of the gas guideline/ordinance. The CE symbol must be clearly visibly attached to the packaging and on the product. In the case of non-packaged goods, the identification is to be applied directly to the product.</p>	7. ProdSV	§ 3 (1)
788	<p>Gas consumption installation parts resp. -spare parts don't have to be marked with the CE-sign and no conformity-declaration has to be issued. For distribution a certificate of the producer or his representative in the EG has to be added, in which it is confirmed, that the equipment fullfills the material-requirements regarding the gas-regulation.</p>	7. ProdSV	§ 3 (4)
5177	<p>The harmonized norms in force regarding the regulations for equipment using gas must be adhered to. Assumption of conformity = manufacturer can assume that with the correct application of these standards the general safety requirements of the guidelines pertaining to the general product safety and the ProdSV have been fulfilled.</p> <p>In each case, the current norms are to be applied.</p> <p>See: www.baua.de</p>	Normenverz. 7. ProdSV	
50824	<p>As of 21.04.2018 the requirements of Regulation 2016/426 for appliances burning gaseous fuels are to be observed. Additional information: RE (EU) 2016-426 app. burn.gaseous fuels_16-05 VO (EU) 2016-426 Gasverbrauchseinrichtungen_16-05</p>	VO (EU) 2016/426	



Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Movable electrical appliances

Article No.:

e.g. Taosters, waffle-makers, friers, baking machines, grills, hobs, cooking machines

req. no.	Statutory requirement	Law	Article
3046	<p>New safety codes have been specified in DIN EN Standard 60335-2-9 for movable electrical appliances such as toasters, crepe irons, bread machines, grilling and frying appliances, hotplates, cooking appliances and food-dryers, for example. Of particular importance are the safety provisions concerning high temperatures on the surfaces of such appliances where such surfaces can be touched. These are: The temperature increases in the case of radiant grills, rotary grills, raclette grills, hotplates and cooking appliances may not exceed 75° K. The figure for toasters is 90° K.</p> <p>Note: additional to the stated norm the CENELEC guide must be taken into account (touchability of hot surfaces) ,In addition, instructions for use must also be augmented with information if their touchable surfaces with the exception of the actual heating surfaces undergo an increase in temperature of more than 90° K during testing. The instructions for use must in principle contain the following wording: "The temperature of touchable surfaces may be extremely high during use".</p> <p>Special explanatory notes are required for specific appliances. Toasters: Bread may ignite. Therefore, never use toasters close to or immediately below curtains or other combustible materials. Toasters must be supervised.</p> <p>In the case of barbecue grills involving the use of water, the maximum quantity of water which may be poured into the appliance must be stated.</p> <p>Hotplates consisting of glass-ceramic (Ceran) or similar materials: Important! The appliance must be switched off, in order to avoid possible electric shock, if the surface is cracked.</p> <p>Induction hotplates: Metal objects, such as knives, forks, spoons and lids should not be placed on the cooking level, since they may become hot.</p> <p>Additional information: CENELEC Guide 29</p>	DIN EN 60335-2-9	



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Product:Elektronik / Electronic

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req. no.	Statutory requirement	Law	Article
40974	<p>The migration into or onto food of Bisphenol A ('BPA') (CAS No 0000080-05-7) from varnishes or coatings applied to materials and articles shall not exceed a specific migration limit of 0,05 mg of BPA per kg of food (mg/kg).</p> <p>By derogation from that, no migration of BPA shall be permitted from varnishes or coatings applied to materials and articles specifically intended to come into contact with infant formula, follow-on formula, processed cereal-based food, baby food, food for special medical purposes developed to satisfy the nutritional requirements of infants and young children or milk-based drinks and similar products specifically intended for young children.</p> <p>The rules of RE (EU) 10/2011 should apply to compliance testing (see Annex).</p> <p>Varnished or coated materials and articles that were lawfully placed on the market before 6 September 2018 may remain on the market until exhaustion of stocks.</p> <p>Additional information: VO (EU) Nr.10/2011 Anhang III_17-11 VO (EU) Nr.10/2011 Anhang V_17-11</p>	VO (EU) 2018/213	Art. 2, 3
40975	<p>Varnished or coated materials and articles must be accompanied by a written declaration of compliance (Bisphenol A) containing the information laid down. The declaration shall be available at all stages of manufacture, processing and distribution other than the retail stage. It shall apply from 6 September 2018.</p> <p>The written declaration shall contain the following information: (1) the identity and address of the business operator issuing the declaration of compliance; (2) the identity and address of the business operator which manufactures or imports the coated material or article; (3) the identity of the varnished or coated material or article; (4) the date of the declaration; (5) confirmation that the varnish or coating applied to the material or article meets the restrictions laid down Regulation (EC) No 1935/2004 and Regulation (EU) 2018/213 (6) specifications on the use of the coated material or article, such as: the type or types of food with which it is intended to be put into contact; the time and temperature of treatment and storage in contact with food</p>	VO (EU) 2018/213	Art. 4



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req. no.	Statutory requirement	Law	Article
677	Household items made of ceramics must only emit lead and cadmium up to the permitted tolerance: - Items which cannot be filled up, items which can be filled up with a depth of up to 25 mm: lead 0,8 mg/square decimeter; cadmium 0,07 mg/square decimetre; - Items which can be filled up with a depth of more than 25 mm: Lead 4,0 mg/l, cadmium 0,3/l - Cooking and baking utensils; packaging and storage containers with more than 3 l volume: lead 1,5 ml/l; cadmium 0,1 mg/l.	BedGgstV	§ 8 Abs. 3 iVm Anl. 6 Nr. 2
50843	When using Linear Polyurethanes for Paper Coatings the BfR recommendation is to be observed. Additional information: BfR XLI. Linear Polyurethanes for Paper Coatings 1975-01-01_18-05 BfR XLI. Lineare Polyurethane für Papierbeschichtungen 1975-01-01_18-05	BfR-Empfehlung	BfR XLI
50845	When using artificial sausage casings the BfR recommendation is to be observed. Additional information: BfR XLIV. Artificial Sausage Casings 2014-10-01_18-05 BfR XLIV. Kunstdärme 2014-10-01_18-05	BfR-Empfehlung	BfR XLIV
50284	When using silicones the BfR recommendations XV are to be observed. Additional information: BfR XV. Silicone 2017-09-01_18-05 BfR XV. Silicones 2017-09-01_18-05	BfR-Empfehlung	BfR XV
50844	When using polyurethanes as extensive adhesive layers in the manufacture of packaging materials (composite materials, mainly laminated films) made of plastic and/or paper and/or aluminium foil the BfR recommendation is to be observed. Additional information: BfR XXVIII. Cross-Linked Polyurethanes as Adhesive Layers for Food Packaging Materials 2010-01-01_18-05 BfR XXVIII. Vernetzte_Polyurethane als Klebeschichten für Lebensmittelverpackungen 2010-01-01_18-05	BfR-Empfehlung	BfR XXVIII

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req. no.	Statutory requirement	Law	Article
718	For household items, which come into contact with food, only plastic must be used which is permitted according to the Consumer Goods Regulation (enclosure 3). Explanation: In case for the plastic in enclosure SML (specific migration value) or QM (maximum remaining content) values are stated, these tolerances are valid for the permitted plastics. In case it is not very clearly indicated, whether the merchandise is used for food, a label with the symbol 'fork + glas' is necessary If it is not clearly recognisable that the goods are to be used for food, identification with the "fork + glass" symbol is necessary. Additional information: BedGgstV Anlage 3	BedGgstV	§ 7 (1) i.V.m. § 30 LMBG
50826	The declaration of compliance for toy dishes must fulfill requirements for toys as well as for food contact materials.	ALS	2013/06
50827	Statements like "An Lebensmittel abgegebene Aluminiumbestandteile sind jedoch nicht gesundheitsschädlich" on the packaging of aluminium foil are not allowed.	ALS	2015/13
723	Analysis of the Consumer Goods must be done according to the methods laid down in Annex 10 of the regulation concerning consumer goods (BedGgstV). Additional information: Bedarfsgegenständeverordnung_17-05.pdf	BedGgstV	§ 11 + Anlage 10
3032	Products made of vinyl chloride polymers (e.g. PVC) must not transferred more than 0,01 mg monomer vinyl chloride into 1 kg foodstuff.	BedGgstV	§ 8 Abs. 3 iVm Anl. 6 Nr. 1
3065	For food contact materials of plastic (plastic containers for holding foodstuffs, foil, bags for deep-freeze foods, cling film) only defined materials (monomers, additives, auxiliary materials / adjuvants) which are listed in Annex I of RE (EC) No 10/2011 may be deployed. Deviating from this, materials in Annex 13 may be deployed.	BedGgstV	Artikel 1, § 4 Abs. 2, Abs.3, Anlage 3
3066	Specified migration values for the requisites must not be exceeded.	BedGgstV	§ 6, Nr. 2, Anlage 3
3068	As from 1st January 2005 metal tins (oil sardines) and food requisites with a surface coating must not incorporate a coating with novolac glycidyl ether (NOGE), or find any use for this	BedGgstV	Anlage 3, Abschnitt 3
5163	For all plastic materials and articles intended to come into contact with food with direct or indirect contact to foodstuffs, as for example: - packaging - household cans - food-grade films - household appliances made of or with synthetic materials (plastics), the following basic principles apply: 1. No endangerment to human health; 2. No misguidance or misleading of the users.	VO (EG) Nr. 1935/2004	Art. 3



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req. no.	Statutory requirement	Law	Article
5164	For the following groups of materials and objects, which come into contact with foodstuffs, specific measures regarding authorised substances and for purity standards, special conditions of use for substances and migration values may be decreed: 1. Active and intelligent materials and articles 2. Adhesives 3. Ceramics 4. Cork 5. Rubbers 6. Glass 7. Ion-exchange resins 8. Metals and alloys 9. Paper and board 10. plastics 11. Printing inks 12. Regenerated cellulose 13. Silicons 14. Textiles 15. varnishes and coatings 16. Waxes 17. Wood	VO (EG) Nr. 1935/2004	Art. 5 + Anhang I
5165	Food contact materials which have not yet been in contact with foodstuffs must be marked as follows: - name and address of the manufacturer - appropriate marking or identification for traceability - articles which are not obviously suitable for contact with foodstuffs must be marked with the pictogram 'Glass and fork' alternatively with the designation 'For contact with foodstuffs' - if necessary, special instructions to be observed for safe and appropriate use (if understandable pictograms are possible) Additional information: Symbol Glas Gabel_14-04	VO (EG) Nr. 1935/2004	Art. 15 + ALS 2014/05
5166	If individual measures regulate food contact materials, these products may only be released with a written declaration of compliance.	VO (EG) Nr. 1935/2004	Art. 16
5167	The traceability of food contact materials must be ensured at all levels.	VO (EG) Nr. 1935/2004	Art. 17

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req. no.	Statutory requirement	Law	Article
5168	A certificate of conformity in the German language is to be supplied with all ceramic objects which are suitable for contact with foodstuffs. Contents: Name and address of the manufacturer, alternatively the importer (in cases of import into the EU); identity of the product; date of issue of the declaration; confirmation (analysis report) that the product adheres to the requirements (lead, cadmium). A general declaration of compliance (only refers to glaze) is not allowed.	BedGgstV	§ 10 Abs. 2 + ALS 2017/17
5208	The cobalt content of ceramics and/or stoneware may not exceed: - 0,1 mg/l for hollow objects - 0,02 mg/dm ² for flat objects	VO (EG) Nr. 1935/2004	Art. 3 + ALS 2017/15
5213	In plastic food containers, the zinc group migration value may not exceed 25mg/kg.	BedGgstV	§ 8
5356	For materials and articles intended to come into contact with food a) materials and objects of plastic of any kind b) with materials and objects provided with surface coating, c) glues), in particular also tins with coating must adhere to limit values laid down for the use of BADGE . The limit values for BADGE are 9 mg/kg or 1 mg/kg depending on derivative (see annex). Additional information: VO (EG) Nr.1895/2005 Anhang I_16-11	VO (EG) Nr. 1895/2005	Art. 2
5357	BFDGE At the production of materials and articles intended to come into contact with food, BFDGE may not be used and/or present in a) materials and objects of plastic of any kind b) with materials and objects provided with surface coating, c) glues	VO (EG) Nr. 1895/2005	Art. 3
5358	NOGE At the production of materials and articles intended to come into contact with food, NOGE may not be used and/or present in a) materials and objects of plastic of any kind b) with materials and objects provided with surface coating, c) glues	VO (EG) Nr. 1895/2005	Art. 4
5359	BADGE in food contact materials: A Declaration of compliance is to be issued which must be with the goods at all levels of marketing. This does not apply for retail supply.	BedGgstV	§ 10 Abs. 2a
50162	For the substance "Triclosan" (2,4,4'-Trichlor-2'-hydroxydiphenylether) which is used mainly in coatings for material and articles intended to come in contact with food made of plastic there is a production prohibition valid from 29 of september 2009.	BedGgstV	§ 3



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req. no.	Statutory requirement	Law	Article
50194	Additives in material and articles intended to come in contact with food made of plastic may only be used , if these have been permitted.	BedGgstV	§4
50200	Aluminium devices for baking (e.g. baking trays) which predictably could be used for alkali-dipped bakery products must be labelled appropriately: a notice must be given that without special measures to avoid the aluminium migration, these are unsuitable for baking alkali-dipped products.	ALS	2008/48
50229	For utensils of aluminium coming into contact with foodstuffs the requirements of Norm DIN EN 601 are to be adhered to.	DIN EN 601	
50354	for materials and articles which are intended to come into contact with foodstuffs the following documentation must be kept ready: - specifications, manufacturing composition and production processes in so far as they are relevant to the conformity and safety of the finished material or finished article; -statements about the individual stages of production in so far as they are relevant to the conformity or safety of the finished material or finished articles as well as statements of the results of the quality control system. * Affected /relevant materials and articles are the following: 1. active and intelligent materials and articles 2. adhesives 3. ceramics 4. cork 5. rubber 6. glass 7. ion exchange resins 8. metals and alloys 9. paper and cardboard 10. plastics 11. print colours 12. regenerative cellulose 13. silicones 14. textiles 15. paints and varnishes 16. wax 17. wood For importer from third countries the importer must hold the documentation in readiness and supply this on demand to the authorities. Additional information: CR (EC) No. 2023/2006_11-04 VO (EG) Nr. 2023/2006_11-04	VO (EG) Nr. 282/2008	VO (EG) Nr. 2023/2006 Art. 7



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req. no.	Statutory requirement	Law	Article
50359	<p>For household articles made of plastic intended for use for foodstuffs, only those materials listed in the Union list may be used.</p> <p>Exceptions apply to:</p> <ul style="list-style-type: none"> - materials which do not come into direct contact with foodstuffs, - substances which are nationally regulated, - dyes and solvents which are nationally regulated, - salts, mixes without chemical reactions, particular additives, monomers and other chemical precursor which are required for synthesis and are listed in the Union list, - non-intentionally added substances; - aids to polymerisation - additives which are nationally regulated. <p>Current transitional periods:</p> <p>Bisphenol A: Plastic materials and articles complying with Regulation (EU) No 10/2011 as applicable before the entry into force of this Regulation, may be placed on the market until 6 September 2018 and may remain on the market until exhaustion of stocks.</p> <p>Addition of new substances: Plastic materials and articles complying with Regulation (EU) No 10/2011 as applicable before the entry into force of this Regulation, may be placed on the market until 8 February 2019 and may remain on the market until exhaustion of stocks.</p> <p>Additional information: VO (EU) Nr. 10/2011 Anhang I_18-05</p>	VO (EU) Nr. 10/2011	Art. 5, Art. 6 + Anhang I
50360	<p>The general restrictions for plastic materials and articles are to be observed which are laid down in Annex II of RE (EU) 10/2011.</p> <p>The provisions on the specific migration limits for aluminium and for zinc shall apply from 14 September 2018.</p> <p>The provisions on the specific migration limit for nickel shall apply from 19 May 2019.</p> <p>Additional information: VO (EU) Nr.10/2011 Anhang II_17-11</p>	VO (EU) Nr. 10/2011	Art. 10 + Anhang II

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req. no.	Statutory requirement	Law	Article
50361	<p>The specific migration limit (SML) in the Union list are to be adhered to.</p> <p>Food additive or flavouring substances which have been introduced into foodstuffs and are authorised may be introduced in plastic materials if these have no technical effect on the foodstuff exceed the restrictions provided in Regulation (EC) No 1333/2008 or in Regulation (EC) No 1334/2008 or in Annex I in Regulation (EU) No. 10/2011.</p> <p>If the migration of a substance is prohibited a detection limit of 0,01 mg/kg is valid.</p> <p>Additional information: VO (EU) Nr. 10/2011 Anhang I_18-05</p>	VO (EU) Nr. 10/2011	Art. 11 + Anhang I
50362	<p>The overall migration value for materials and articles of plastic comprises 10mg for the total amount of constituent parts released to foodstuffs per dm² of the surface coming into contact with foodstuffs.</p> <p>This value for materials and articles for small children and babies amounts to 60 mg per 1 kg food simulant.</p>	VO (EU) Nr. 10/2011	Art. 12
50363	<p>For multi-layered materials or articles the composition of each plastic layer must conform to the migration values and limitations laid down.</p> <p>Exceptions apply to layers which do not come into direct contact with foodstuffs. This does not apply to CMR-materials.</p> <p>For multi-layered composite materials the above limitations do not apply except for CMR-materials.</p> <p>Temperature-resistant coatings on pans (e.g. PTFE) are not multi-layered composite materials.</p>	VO (EU) Nr. 10/2011	Art. 13, 14 + ALS 2015/14
50364	<p>The declaration of compliance is to be made available until the retail trade (for details see the valid documentation)</p> <p>Furthermore, appropriate documentation is to be held in readiness, certifying that the materials and articles conform to the regulations. These are:</p> <ul style="list-style-type: none"> - test reports or calculations, - analyses, - evidence on the safety . <p>Additional information: Declaration of Compliance plastic materials for foodstuffs_17-11 Konformitätserklärung Kunststoffe mit Lebensmittelkontakt_17-11</p>	VO (EU) Nr. 10/2011	Art. 15, 16 + Anhang IV

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req. no.	Statutory requirement	Law	Article
50365	<p>For materials and articles which are already in contact (packaging) with foodstuffs, testing of the migration limit values will be implemented analogue Annex V, Chapter 1.</p> <p>Annex V Chapter 2 apply regarding the materials and articles which have not yet come into contact with foodstuffs.</p> <p>Annex III and Annex V Chapter 3 apply regarding the overall migration value for materials and articles which have not yet come into contact with foodstuffs.</p> <p>Additional information: VO (EU) Nr.10/2011 Anhang III_17-11 VO (EU) Nr.10/2011 Anhang V_17-11</p>	VO (EU) Nr. 10/2011	Art. 18 + Anhang III, Anhang V
50691	<p>For paper, paperboard and board that comes into contact with foodstuffs the following BfR Recommendation are applicable.</p> <p>Additional information: BfR XXXVI. Paper Board Food Contact 2017-09-01_18-05 BfR XXXVI. Papiere, Kartons und Pappen für den Lebensmittelkontakt 2017-09-01_18-05</p>	BfR-Empfehlung	BfR XXXVI
50692	<p>For papers that come into contact with aqueous foods (Cooking Papers, Hot Filter Papers and Filter Layers), the following BfR Recommendation are applicable.</p> <p>Additional information: BfR XXXVI-1. Cooking Papers, Hot Filter Papers and Filter Layers 2017-09-01_18-05 BfR XXXVI-1. Koch- und Heißfilterpapiere und Filterschichten 2017-09-01_18-05</p>	BfR-Empfehlung	BfR XXXVI/1
50693	<p>For paper and paperboard , that comes into contact with or affects foodstuffs during baking (also Microwave baking), the following BfR Recommendation are applicable.</p> <p>Additional information: BfR XXXVI-2. Paper and Paperboard for Baking Purposes 2017-09-01_18-05 BfR XXXVI-2. Papiere, Kartons und Pappen für Backzwecke 2017-09-01_18-05</p>	BfR-Empfehlung	BfR XXXVI/2
50694	<p>For absorber pads based on cellulosic fibres for food packaging, the following BfR Recommendation is applicable.</p> <p>Additional information: BfR XXXVI-3. Absorber pads based on cellulosic fibres for food packaging 2016-07-01_16-11 BfR XXXVI-3. Saugeinlagen auf Basis von Cellulosefasern für die Verpackung von 2016-07-01_16-11</p>	BfR-Empfehlung	BfR XXXVI/3

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req. no.	Statutory requirement	Law	Article
50697	For temperature-resistant coating systems of polymers for frying, cooking and baking equipment, the BfR recommendations are observed. Additional information: BfR LI. Temperaturbeständige Beschichtungssysteme aus Polymeren für Brat-, Koch- und Backgeräte 2017-09-01_18-05 BfR LI. Temperature Resistant Polymer Coating Systems for Frying, Cooking and Baking Utensils 2017-09-01_18-05	BfR-Empfehlung	BfR LI
50698	For plastic materials and articles intended for use with food and polyamides containing or treated with polyamides BfR recommendations should be observed: Additional information: BfR Empfehlung X Polyamide_13-11.pdf BfR Recommendation X Polyamides_13-11.pdf	BfR-Empfehlung	BfR X
50699	For coatings based on polymer dispersions for the articles for food contact (eg adhesives or paper coatings), BfR recommendations should be observed. Additional information: BfR XIV. Polymer Dispersionen 2017-09-01_18-05 BfR XIV. Polymer Dispersions 2017-09-01_18-05	BfR-Empfehlung	BfR XIV
50700	For plastic materials and articles intended to come into contact with food and contain Poly(terephthalic acid diol esters) or have been treated with Poly(terephthalic acid diol esters) the BfR recommendations should be observed. Additional information: BfR XVII. Poly(terephthalic acid diol esters) 2016-07-01_16-11 BfR XVII. Polyterephthalsäurediolester 2016-07-01_16-11	BfR-Empfehlung	BfR XVII
50701	For plastic materials and articles intended for use with foods and include copolymers of ethylene, propylene, butylene, vinyl esters and unsaturated aliphatic acids and their salts and esters or treated with these, the BfR recommendations should be observed. Additional information: BfR XXXV. Copolymers of Ethylene Propylene Butylene Vinyl Esters Unsaturated Aliphatic Acids 2017-09-01_18-05 BfR XXXV. Mischpolymerisate Ethylen Propylen Butylen Vinylestern ungesättigten aliphatischen Säuren 2017-09-01_18-05	BfR-Empfehlung	BfR XXXV
50702	One-way salt mills with plastic grinders which make particles do not fulfill the general requirements for food contact materials.	ALS	2015/11



Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Products with food contact

Article No.:

Includes all products/articles which, during manufacture, treatment, distribution or during consumption can come into contact with food.

Product examples: eating, drinking and cooking crockery, dough presses, packing and packaging paper, wooden sticks/metal pins for, e.g. shashlik, ice bowls for preparing ice, foil for cheese, measuring devices and scales for food, packaging, container for keeping food, wall shelves (mainly for loose food), grills, refrigerators, electric ovens, work boards.

req. no.	Statutory requirement	Law	Article
50737	<p>Products of rubber or plastic components (e.g. sport equipment, household utensils, tools, clothing, footwear, wrist-bands), that come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity, should not contain more than 1.0 mg / kg of one of the listed PAHs:</p> <ul style="list-style-type: none"> a) Benzo(a)pyren (BaP) b) Benzo(e)pyren (BeP) c) Benzo(a)anthracen (BaA) d) Chrysen (CHR) e) Benzo(b)fluoranthen (BbFA) f) Benzo(j)fluoranthen (BjFA) g) Benzo(k)fluoranthen (BkFA) h) Dibenzo(a,h)anthracen (DBAhA) <p>This shall not apply to articles placed on the market for the first time before 27 December 2015. For these articles the values of BfR and ZEK apply.</p> <p>(The standard EN 16143:2013 (Petroleum products- Determination of content of Benzo (a)pyrene (BaP) and selected polycyclic aromatic hydrocarbons (PAH) in extender oils- Procedure using double LC cleaning and GC/MS analysis) shall be used as the test method for demonstrating conformity with the limits.)</p> <p>Additional information: CR (EC) 2015-326_test method_15-04 CR (EU) No. 1272_2013 PAHs_13-11.pdf VO (EU) Nr. 1272-2013_16-05 VO(EU) Nr. 2015-326_Prüfverfahren_15-04</p>	VO (EG) Nr. 1907/2006	Anhang XVII Nr. 50

Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Products with food contact

Article No.:

Includes all products/articles which, during manufacture, treatment, distribution or during consumption can come into contact with food.

Product examples: eating, drinking and cooking crockery, dough presses, packing and packaging paper, wooden sticks/metal pins for, e.g. shashlik, ice bowls for preparing ice, foil for cheese, measuring devices and scales for food, packaging, container for keeping food, wall shelves (mainly for loose food), grills, refrigerators, electric ovens, work boards.

req. no.	Statutory requirement	Law	Article
50738	<p>Toys, including activity toys, and childcare articles of rubber or plastic components, that come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity, should not contain more than 0.5 mg / kg of one of the listed PAHs:</p> <p>a) Benzo(a)pyren (BaP) b) Benzo(e)pyren (BeP) c) Benzo(a)anthracen (BaA) d) Chrysen (CHR) e) Benzo(b)fluoranthen (BbFA) f) Benzo(j)fluoranthen (BjFA) g) Benzo(k)fluoranthen (BkFA) h) Dibenzo(a,h)anthracen (DBA_hA)</p> <p>This shall not apply to articles placed on the market for the first time before 27 December 2015. For these articles the values of BfR and ZEK apply.</p> <p>(The standard EN 16143:2013 (Petroleum products- Determination of content of Benzo (a)pyrene (BaP) and selected polycyclic aromatic hydrocarbons (PAH) in extender oils- Procedure using double LC cleaning and GC/MS analysis) shall be used as the test method for demonstrating conformity with the limits.)</p> <p>Additional information: CR (EC) 2015-326_test method_15-04 CR (EU) No. 1272_2013 PAHs_13-11.pdf VO (EU) Nr. 1272-2013_16-05 VO(EU) Nr. 2015-326_Prüfverfahren_15-04</p>	VO (EG) Nr. 1907/2006	Anhang XVII Nr. 50
50762	<p>Guidelines on Regulation (EU) No. 10/2011 on plastic materials and articles intended to come into contact with food are available at follow links:</p> <p>http://ec.europa.eu/food/safety/docs/cs_fcm_plastic-guidance_201110_en.pdf http://ec.europa.eu/food/safety/docs/cs_fcm_plastic-guidance_201110_reg_en.pdf http://ec.europa.eu/food/safety/docs/cs_fcm_legis_pm-guidance_reg-10-2011_boxes_deut.pdf</p>	Guideline VO (EU) Nr. 10/2011	

Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Products with food contact

Article No.:

Includes all products/articles which, during manufacture, treatment, distribution or during consumption can come into contact with food.

Product examples: eating, drinking and cooking crockery, dough presses, packing and packaging paper, wooden sticks/metal pins for, e.g. shashlik, ice bowls for preparing ice, foil for cheese, measuring devices and scales for food, packaging, container for keeping food, wall shelves (mainly for loose food), grills, refrigerators, electric ovens, work boards.

req. no.	Statutory requirement	Law	Article
721	<p>Products made of vinyl chloride polymers (e.g. PVC) which are intended to</p> <ul style="list-style-type: none"> - come into contact with food during manufacture, treatment, distribution, or use - come into contact with cosmetics or tobacco products - come into contact with the skin, not just temporarily - come into contact with the mouth - as well as all - toys and joke articles - cleaning and care agents - products for personal hygiene <p>may not contain more than 1 mg monomer vinyl chloride per kg</p>	BedGgstV	§ 6 Abs. 3 iVm Anl.5 Nr. 1
5377	<p>For metal food contact materials (e.g. cooking utensils, sets of cutlery) the following limit values must be observed:</p> <p>Pb < 0.010mg/dm² Cd < 0.005mg/dm² Cr < 0.450mg/dm² Ni < 0.100mg/dm² Cu < 0.500mg/dm² Co < 0.100mg/dm² Fe < 5.000mg/dm² Mn < 5.000mg/dm².</p>	VO (EG) Nr. 1935/2004	Zusatzinfo
50412	<p>Cooking crockery of ceramics, glass, glass ceramics or plastics for use in microwave units must fulfil the tests of the norm DIN EN 15284.</p>	DIN EN 15284	
50419	<p>You may see the "BfR Recommendations on Food Contact Materials" (formerly "Plastics Recommendations") under:</p> <p>https://bfr.ble.de/kse/faces/DBEmpfehlung.jsp</p>	BfR-Empfehlung	BfR Kunststoff
50421	<p>Articles used in connection with foodstuffs must adhere to the MSL limit values of 0,05 mg/kg for cobalt.</p>	BedGgstV	BedGgstV Abschnitt 2
50773	<p>For printed food commodities such as napkins or baker bags the following BfR Recommendation are applicable:</p> <p>Additional information: BfR Opinion No. 021-2014 Primary aromatic amines from printed food contact materials_14-11 BFR Stellungnahme Nr. 021-2014 Primäre aromatische Amine aus bedruckten Lebensmittelbedarfsgegenständen_14-11</p>	BfR bedruckte LM-BG	
50836	<p>For Polystyrene produced exclusively from the polymerisation of styrene the BfR recommendations are observed.</p> <p>Additional information: BfR V. Polystyrene from Polymerisation of Styrene 2017-09-01_18-05 BfR V. Polystyrol aus Polymerisation von Styrol 2017-09-01_18-05</p>	BfR-Empfehlung	BfR V



Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Products with food contact

Article No.:

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Product examples: eating, drinking and cooking crockery, dough presses, packing and packaging paper, wooden sticks/metal pins for, e.g. shashlik, ice bowls for preparing ice, foil for cheese, measuring devices and scales for food, packaging, container for keeping food, wall shelves (mainly for loose food), grills, refrigerators, electric ovens, work boards.

req. no.	Statutory requirement	Law	Article
50837	For Styrene Copolymers and Graft Polymers, and Mixtures of Polystyrene with other Polymers the BfR recommendations are observed. Additional information: BfR VI. Styrene Copolymers Graft Polymers Mixtures of Polystyrene with other Polymers 2017-09-01_18-05 BfR VI. Styrol-Misch und Pfropfpolymerisate und Mischungen Polyesterol mit Polymerisaten 2017-09-01_18-05	BfR-Empfehlung	BfR VI
50838	When using Hard Paraffins, Microcrystalline Waxes and Mixtures of these with Waxes, Resins and Plastics the BfR recommendations are to be observed. Additional information: BfR XXV. Hard Paraffins Microcrystalline Waxes Mixtures 2017-09-01_18-05 BfR XXV. Hartparaffine mikrokristalline Wachse Mischungen 2017-09-01_18-05	BfR-Empfehlung	BfR XXV
50839	When using vinylidene chloride copolymers with a predominant content of polyvinylidene chloride the BfR recommendations are to be observed. Additional information: BfR XXXIV. Vinylidenchlorid Mischpolymerisate 2017-09-01_18-05 BfR XXXIV. Vinylidene Chloride Copolymers 2017-09-01_18-05	BfR-Empfehlung	BfR XXXIV
50835	For fillers the BfR recommendations are observed. This Recommendation for fillers applies to the following materials: 1. Plastics Dispersions according to Recommendation XIV 2. Silicones according to Recommendation XV 3. Commodities based on Natural and Synthetic Rubber according to Recommendation XXI 4. Cross-Linked Polyurethanes as Adhesive Layers for Food Packaging Materials according to Recommendation XXVIII 5. Linear Polyurethanes for Paper Coatings according to Recommendation XLI 6. Artificial Sausage Casings according to Recommendation XLIV 7. Temperature Resistant Polymer Coating Systems for Frying, Cooking and Baking Utensils according to Recommendation LI Additional information: BfR LII. Fillers 2017-09-01_18-05 BfR LII. Füllstoffe 2017-09-01_18-05	BfR-Empfehlung	BfR LII



Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Electro-Adapter

Article No.:

req. no.	Statutory requirement	Law	Article
5346	Electro-adapters must comply with the specifications of the norm DIN 49437. Additionally the technical safety requirements of the norms DIN VDE 0620-1 and DIN VDE 0620-101 apply.	DIN 49437	

Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Universal cutter

Article No.:

req. no.	Statutory requirement	Law	Article
50019	Kitchen machines must adhere to the general safety requirements of norm DIN EN 60335-1.	DIN EN 60335-1	
50018	Kitchen machines must adhere to the safety requirements of Norm DIN EN 60335-2-14.	DIN EN 60335-2-14/VDE 0700-14	

Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Movement detectors

Article No.:

req. no.	Statutory requirement	Law	Article
50220	Movement detectors with PIT-technology must fulfil the requirements of NORM DIN EN 50131-2-4.	DIN EN 50131-2-4	
50219	Movement detectors have to adhere to the requirements of the technical guidelines VdS 2312	VdS 2312 Technische Regel	

Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Egg boiler

Article No.:

req. no.	Statutory requirement	Law	Article
50406	Egg boiler must adhere the requirements of DIN 44558, part 2 and part 3.	DIN 44558-2 u DIN 44558-3	
50405	Egg boiler must adhere the requirements of DIN EN 60335-2-15.	DIN EN 60335-2-15	

Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Electric espresso machines/fully automatic coffee machines

Article No.:

req. no.	Statutory requirement	Law	Article
50021	Electric espresso machines and fully automatic coffee machines must adhere to the general safety requirements of Norm DIN EN 60335-1	DIN EN 60335-1	
50020	Electric espresso machines and fully automatic coffee machines must adhere to the specific safety requirements of Norm DIN EN 60335-2-15.	DIN EN 60335-2-15	

Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Electrical oven

Article No.:

req. no.	Statutory requirement	Law	Article
80046	For the safety of electric stoves, cooking surfaces and baking ovens, the norm DIN EN 60335-2-6 is to be taken into account	DIN EN 60335-2-6; VDE 0700-6	



Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Electrical oven

Article No.:

req. no.	Statutory requirement	Law	Article
50765	<p>For domestic ovens, hobs and range hoods the energy labeling and additional product information with EU Regulation 65/2014 are to create and be available.</p> <p>This does not apply to:</p> <ul style="list-style-type: none"> (a) appliances that use energy sources other than electricity or gas; (b) appliances which offer 'microwave heating' function; (c) small ovens; (d) portable ovens; (e) heat storage ovens; (f) ovens which are heated with steam as a primary heating function; (g) covered gas burners in hobs; (h) outdoor cooking appliances; (i) appliances designed for use only with gases of the 'third family' (propane and butane); (j) grills. <p>Manufacturers and importers of domestic ovens, hobs and range hoods ensure:</p> <p>as regards labels, fiches and technical documentation:</p> <p>domestic ovens:</p> <ul style="list-style-type: none"> (i) each domestic oven is supplied with (a) printed label(s) containing information in the format set out in point 1 of Annex III for each cavity of the oven; (ii) a product fiche, as set out in point A of Annex IV, is made available for domestic ovens placed on the market; (iii) the technical documentation, as set out in point A of Annex V, is made available on request to the authorities of the Member States; (iv) any advertisement for a specific model of domestic oven contains the energy efficiency class, if the advertisement discloses energy-related or price information; (v) any technical promotional material concerning a specific model of domestic oven which describes its specific technical parameters includes the energy efficiency class of that model; (vi) an electronic label in the format and containing the information set out in point 1 of Annex III is made available to dealers for each cavity of each domestic oven model; (vii) an electronic product fiche as set out in point A of Annex IV is made available to dealers for each domestic oven model; <p>domestic range hoods:</p> <ul style="list-style-type: none"> (i) each domestic range hood is supplied with a printed label containing information in the format set out in point 2 of Annex III; (ii) a product fiche, as set out in point B of Annex IV, is made available for domestic range hoods placed on the market; (iii) the technical documentation as set out in point B of Annex V, is made available on request to the authorities of the Member States; (iv) any advertisement for a specific model of domestic range hood contains the energy efficiency class, if the advertisement discloses energy-related or price information; (v) any technical promotional material concerning a specific model of domestic range hood which describes its specific technical parameters includes the energy efficiency class of that model; 	VO (EU) Nr. 65/2014	Art. 3
S. 52	(vi) an electronic label in the format and containing the information set out in point 2 of Annex III is made available to		



Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Electrical oven

Article No.:

req. no.	Statutory requirement	Law	Article
50764	<p>For domestic ovens, hobs and range hoods the energy requirements (eco-design) of EC Regulation 66/2014 must be observed.</p> <p>This does not apply to:</p> <ul style="list-style-type: none"> (a) appliances that use energy sources other than electricity or gas; (b) appliances which offer 'microwave heating' function; (c) small ovens; (d) portable ovens; (e) heat storage ovens; (f) ovens which are heated with steam as a primary heating function; (g) covered gas burners in hobs; (h) outdoor cooking appliances; (i) appliances designed for use only with gases of the 'third family' (propane and butane); (j) grills. <p>The individual requirements for energy efficiency and product information are to fulfill from 20 February 2015 until 20 February 2019.</p> <p>A conformity assessment and declaration shall be carried out and submitted.</p> <p>Additional information: CR (EU) No. 66-2014 ecodesign ovens hoods Annex I-IV_14-04 VO (EU) Nr. 66-2014 Ökodesign Backöfen Abzugshauben Anhang I-IV_14-04</p>	VO (EU) Nr. 66/2014	

Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

External power supply units

Article No.:

req. no.	Statutory requirement	Law	Article
50030	For external power supply units (switching of electricity from the national grid) the requirements for energy efficiency apply. These will come into force in two phases. The first phase begins on 28. April 2010 and the second phase on 28. April 2011. Additional information: RE (EU) No 278/2009 ecodesign VO (EG) Nr. 278/2009 Ökodesign	VO (EG) Nr. 278/2009	Artikel 3, i.V.m. Anhang I, Punkt 1 und 2
50032	For external grid parts the technical documentation and the features relevant to or affecting the environment are to be available for the certificate of conformity. Additional information: RE (EU) No 278/2009 ecodesign VO (EG) Nr. 278/2009 Ökodesign	VO (EG) Nr. 278/2009	Artikel 4, i.V.m. Anhang I, Punkt 3
50409	External power supplies for data-enabled mobile phones must adhere the requirements of DIN EN 62684.	DIN EN 62684	

Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Televisions and video monitors

Article No.:

req. no.	Statutory requirement	Law	Article
50174	the norms laid down for the environmentally freindly design of television sety are to be atken into account. Additional information: Normen_Fernsehgeräte_2010_10-05	MITT 2010/C114/05	
50086	For TVs and video monitors defined values for the performance use (electricity consumption) in OFF mode, standby mode and On mode (Appendix 1 of the regulation) apply from 7 Jan 2010, respectively 20 August 2010, from 20 August 2011, from 1 April 2012 Additional information: RE (EU) No 642/2009 ecodesign televisions Annex I_13-11.pdf VO (EG) Nr.642/2009 Ökodesign Fernsehgeräte Anhang I_13-11.pdf	VO (EG) Nr. 642/2009	Art 3
50087	Within the framework of the conformity declaration the technical documentation must provide statements as to measuring, performance consumption (electricity) switching off automation and the substances lead and mercury (Appendix 1 and 2 of the VO) and be handed to the importer (third country imports). Additional information: RE (EU) No 642/2009 ecodesign televisions Annex I_13-11.pdf VO (EG) Nr.642/2009 Ökodesign Fernsehgeräte Anhang I_13-11.pdf	VO (EG) Nr. 642/2009	Art 4



Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Televisions and video monitors

Article No.:

req. no.	Statutory requirement	Law	Article
50374	<p>For television sets and monitors, the energy labelling and supplementary product information of EC-RE 1062/2010 is to be in writing and held in readiness.</p> <p>Manufacturerers of television sets and monitors ensure that:</p> <ul style="list-style-type: none"> - every piece of equipment is delivered with a printed label (contents, see Annex V); - a product data sheet (see Annex III) is immediately available - for the authorities, the technical documentation should be prepared which is in Anhang IV ; - all advertising should state the energy efficiency class, this also applies to technical advertising material; - an electronic label in the format and containing the information set out in Annex V is made available to dealers for each television model placed on the market from 1 January 2015 with a new model identifier. It may also be made available to dealers for other television models;; - an electronic product fiche as set out in Annex III is made available to dealers for each television model placed on the market from 1 January 2015 with a new model identifier. It may also be made available to dealers for other television models. <p>For remote sales (for example internet) this information is equally to be made known. .</p> <p>For the design of the labelling according to Annex V, the following requirements apply to equipment, which is put into circulation from 30. Nov. 2011 :</p> <ul style="list-style-type: none"> - for equipment of the classes A, B, C, D, E, F and G the labels conform to Nr. 1 or 2 of Annex V; - for equipment of the class A+ labels conform to Nr.1 or Nr.2 of Annex V Nr. 2; - for equipment of the class A++ labels conform to Annex V Nr. 3; - for the equipment of the class A+++ the labels the labels conform to Annex V Nr. 4. <p>For equipment which will be put into circulation from 1. Jan. 2014 and belong to the energy efficiency classes A+, A, B, C, D, E and F , the labels must conform to Annex V Nr. 2 or 3 .</p> <p>For equipment which will be put into circulation from 1. Jan. 2017 and belongs to energy efficiency classes A++, A+, A, B, C, D and E, the labels must conform to Annex V Nr. 3 or 4 .</p> <p>For equipment which will be put into circulation from 1. Jan. 2020 and belongs to energy efficiency classes A+++, A++, A+, A, B, C and D , the labels must conform to Annex V Nr. 4 .</p> <p>Printed advertising, and advertising, which was published before 30. März 2012, may continue to be used. Otherwise, the regulations of the RE from 30. Nov. 2011 apply.</p> <p>Additional information: CDR (EU) No 1062/2010 Annex III-V_11-04. Del VO (EU) Nr. 1062/2010 Fernsehgeräte Anhang III-V_11-04 Del VO (EU) Nr. 1062/2010 Fernsehgeräte Berichtigung_11-04</p>	Del VO (EU) Nr. 1062/2010	Art. 1, 3, 8 u. 9



Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

radio equipment / radio-controlled models

Article No.:

Product examples: mobile telephones, radio devices, radio-controlled models and similar.

req. no.	Statutory requirement	Law	Article
50167	Radio equipment have to complied with harmonized standards.	FuAG	§ 18



Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

radio equipment / radio-controlled models

Article No.:

Product examples: mobile telephones, radio devices, radio-controlled models and similar.

req. no.	Statutory requirement	Law	Article
50203	<p>When placing their radio equipment on the market, manufacturers shall ensure that it has been designed and manufactured in accordance with the essential requirements set out in Article 3.</p> <p>Manufacturers shall ensure that radio equipment shall be so constructed that it can be operated in at least one Member State without infringing applicable requirements on the use of radio spectrum.</p> <p>Manufacturers shall draw up the technical documentation referred to in Article 21 and carry out the relevant conformity assessment procedure referred to in Article 17 or have it carried out. Where compliance of radio equipment with the applicable requirements has been demonstrated by that conformity assessment procedure, manufacturers shall draw up an EU declaration of conformity and affix the CE marking.</p> <p>Manufacturers shall keep the technical documentation and the EU declaration of conformity for 10 years after the radio equipment has been placed on the market.</p> <p>Manufacturers shall ensure that procedures are in place for series production to remain in conformity with this Directive. Changes in radio equipment design or characteristics and changes in the harmonised standards or in other technical specifications by reference to which conformity of radio equipment is declared shall be adequately taken into account. When deemed appropriate with regard to the risks presented by radio equipment, manufacturers shall, to protect the health and safety of end-users, carry out sample testing of radio equipment made available on the market, investigate, and, if necessary, keep a register of complaints, of non-conforming radio equipment and radio equipment recalls, and shall keep distributors informed of any such monitoring.</p> <p>Manufacturers shall ensure that radio equipment which they have placed on the market bears a type, batch or serial number or other element allowing its identification, or, where the size or nature of the radio equipment does not allow it, that the required information is provided on the packaging, or in a document accompanying the radio equipment.</p> <p>Manufacturers shall indicate on the radio equipment their name, registered trade name or registered trade mark and the postal address at which they can be contacted or, where the size or nature of radio equipment does not allow it, on its packaging, or in a document accompanying the radio equipment. The address shall indicate a single point at which the manufacturer can be contacted. The contact details shall be in a language easily understood by end-users and market surveillance authorities.</p> <p>Manufacturers shall ensure that the radio equipment is accompanied by instructions and safety information in a language which can be easily understood by consumers and other end-users, as determined by the Member State concerned. Instructions shall include the information required to use radio equipment in accordance with its intended use. Such information shall include, where applicable, a description of accessories and components, including software, which allow the radio equipment to operate as intended. Such instructions and safety information, as well as any labelling, shall be clear, understandable and intelligible.</p>	RL 2014/53/EU	Art. 10, 15

Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

radio equipment / radio-controlled models

Article No.:

Product examples: mobile telephones, radio devices, radio-controlled models and similar.

req. no.	Statutory requirement	Law	Article
50202	<p>Radio equipment shall be constructed so as to ensure:</p> <p>(a) the protection of health and safety of persons and of domestic animals and the protection of property, including the objectives with respect to safety requirements set out in Directive 2014/35/EU, but with no voltage limit applying;</p> <p>(b) an adequate level of electromagnetic compatibility as set out in Directive 2014/30/EU.</p> <p>Radio equipment shall be so constructed that it both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference.</p> <p>Radio equipment within certain categories or classes shall be so constructed that it complies with the following essential requirements:</p> <p>(a) radio equipment interworks with accessories, in particular with common chargers;</p> <p>(b) radio equipment interworks via networks with other radio equipment;</p> <p>(c) radio equipment can be connected to interfaces of the appropriate type throughout the Union;</p> <p>(d) radio equipment does not harm the network or its functioning nor misuse network resources, thereby causing an unacceptable degradation of service;</p> <p>(e) radio equipment incorporates safeguards to ensure that the personal data and privacy of the user and of the subscriber are protected;</p> <p>(f) radio equipment supports certain features ensuring protection from fraud;</p> <p>(g) radio equipment supports certain features ensuring access to emergency services;</p> <p>(h) radio equipment supports certain features in order to facilitate its use by users with a disability;</p> <p>(i) radio equipment supports certain features in order to ensure that software can only be loaded into the radio equipment where the compliance of the combination of the radio equipment and software has been demonstrated.</p> <p>Additional information: Dir 2014-53-EU_16-05 RL 2014-53-EU_16-05</p>	RL 2014/53/EU	Art. 3
50210	<p>Radio equipment that placed on the marked after June 20th 2016, have to fulfill the requirements of the Directive 2014/53/EU.</p> <p>Additional information: Dir 2014-53-EU_16-05 RL 2014-53-EU_16-05</p>	RL 2014/53/EU	Artikel 3



Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

radio equipment / radio-controlled models

Article No.:

Product examples: mobile telephones, radio devices, radio-controlled models and similar.

req. no.	Statutory requirement	Law	Article
5284	<p>Manufacturers of radio equipment and of software allowing radio equipment to be used as intended shall provide the Member States and the Commission with information on the compliance of intended combinations of radio equipment and software with the essential requirements set out in Article 3. Such information shall result from a conformity assessment carried out in accordance with Article 17, and shall be given in the form of a statement of compliance which includes the elements set out in Annex VI. Depending on the specific combinations of radio equipment and software, the information shall precisely identify the radio equipment and the software which have been assessed, and it shall be continuously updated.</p> <p>As from 12 June 2018, manufacturers shall register radio equipment types within categories of radio equipment affected by a low level of compliance with the essential requirements set out in Article 3 within a central system referred to in paragraph 4 of this Article prior to radio equipment within those categories being placed on the market. When registering such radio equipment types, manufacturers shall provide some, or where justified all, elements of the technical documentation listed in points (a), (d), (e), (f), (g), (h) and (i) of Annex V. The Commission shall allocate to each registered radio equipment type a registration number, which manufacturers shall affix on radio equipment placed on the market.</p> <p>Additional information: Dir 2014-53-EU_16-05 RL 2014-53-EU_16-05</p>	RL 2014/53/EU	Art. 4,5
50593	<p>Wireless short-range devices (alarms, local communications equipment, door openers, portable devices, fire detectors) shall comply with the harmonized bands in the Annex.</p> <p>Additional information: 2006-771-EC_Ddecision radio spectrum short range devices_17-11.pdf 2006-771-EG_Frequenznutzung Geräte geringe Reichweite_17-11.pdf</p>	Entsch. 2006/771/EG	Art. 1



Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Hair dryer, Hair straighteners

Article No.:

req. no.	Statutory requirement	Law	Article
50633	<p>Hairdryer and Hair straighteners have to fulfill the requirements of DIN EN 60335-2-23.</p> <p>The opinion of BAuA in relation to the further safety recommendations should be observed. Hairdryers are be provided with:</p> <ul style="list-style-type: none"> - electrically conductive shield, - protective conductor, - RCD, - microfuse. <p>Additional information: BAuA Safety of hair dryers_14-04 BAuA Sicherheit von Haartrocknern_14-04</p>	DIN EN 60335-2-23	



Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Hot drink makers

Article No.:

req. no.	Statutory requirement	Law	Article
50411	Hot beverage makers e.g. coffee machines, coffee automats must fulfil the hygiene requirements of DIN EN 16889.	DIN EN 16889	

Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Cable reels

Article No.:

req. no.	Statutory requirement	Law	Article
80137	Cable reels for household and similar purposes fulfil the requirements of DIN EN 61242.	DIN EN 61242; VDE 0620-300	



Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Food processors

Article No.:

req. no.	Statutory requirement	Law	Article
5270	Food processors must adhere the requirements of DIN EN 60335-2-14 (VDE 0700-14).	DIN EN 60335-2-14	



Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Cooling-/freezing devices

Article No.:

Electronic household cooling- and refrigerating devices as well as corresponding combined devices.

req. no.	Statutory requirement	Law	Article
5217	The use of partly halogenated CFCs as coolant in household refrigerators and deep-freezes is prohibited.	ChemOzonSchi chtV	Art. 6
5214	The import and marketing of products and devices containing chlorofluorocarbons, other perhalogenated chlorofluorocarbons, halons, carbontetrachlorides, 1,1,1-trichloroethane, partly halogenated bromofluoride hydrocarbons and chlorobromomethane are prohibited. The following are affected: <ul style="list-style-type: none"> - Aerosol products - Dyes and paints - Cosmetics - Lubricants - Cleaning materials - Pressurised gas containers - Fire extinguishers - Insulation materials - Refrigerators - Air conditioning units - Mattresses - Foam material - Adhesives 	ChemOzonSchi chtV	Art.4
50093	From 1. July 2013 household fridges will have to fulfil the following: a) the fast freezing function or similar function of freezers and freezer compartments which is reached through changing the thermostat settings switches back after 72 hours at the latest to the previous temperature when it is activated by the user according to the manufacturer's instructions. This requirement does not apply to refrigerators with a single thermostat and a single compressor which are equipped with an electromagnetic controll. b)Refrigerators with a single thermostat and a single compressor which are equipped with an electromagnetic control and can be used at an ambient temperature under 16°C must be so designed that a winter setting or similar function or similar can be used, which guarantees a suitable storage temperature of frozen goods, independently of the ambient temperature at the place where the fridge is located. c) household refrigerators with a storage space of unter 10l must at the latest after an hour, switch automatically into a mode that requires no energy use (0.00 Watts) when it is empty. The physical presence of an OFF-switch is not sufficient to fulfil this requirements.	VO (EG) Nr. 643/2009	Anhang II, 2.
50094	For household refrigeratos the following energy efficieny indexes must be adhered to: Kompressorkühlgeräte: from 1. July 2010: EEI < 55; from 1. July 2012: EEI < 44; from 1. July 2014: EEI < 42. Absorptions refrigerators (refrigerators of a different kind): from 1. July 2010: EEI < 150; from 1. July 2012: EEI < 125; from 1. July 2015: EEI < 110.	VO (EG) Nr. 643/2009	Anhang II, 2. mit Tab. 1 u. 2

Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Cooling-/freezing devices

Article No.:

Electronic household cooling- and refrigerating devices as well as corresponding combined devices.

req. no.	Statutory requirement	Law	Article
50089	Household refrigerators (storage facility up to 1,500 litres, connected to the grid even when they can be powered by batteries /accumulators) must, beginning on 1. July 2010 (1. July 2012-, 2014.- 2015) adhere to a so-called Energy efficiency index (EEI) as a limit value. Not affected by this are ice-cube makers and cold drink dispensers and refrigerators with other sources of energy (liquid gas),	VO (EG) Nr. 643/2009	Art 1
50090	Within the framework of the declaration of conformity the technical documentation according to Appendix III No 2 and Appendix IV from the manufacturer must be supplied to the importer of goods from third states and the requirements contained therein must be fulfilled. Additional information: RE (EU) No 643/2009 RE (EU) No 643/2009 Corrigenda VO (EG) Nr. 643/2009 Berichtigung VO (EG) Nr. 643/2009 Kühlgeräte	VO (EG) Nr. 643/2009	Art 4
5301	Refrigerators, deep freezers and air-conditioning equipment with fluorinated greenhouse gases must be labelled. The label shall be clearly readable and indelible. a) a reference that the product or equipment contains fluorinated greenhouse gases or that its functioning relies upon such gases; b) the accepted industry designation for the fluorinated greenhouse gases concerned or, if no such designation is available, the chemical name; c) from 1 January 2017, the quantity expressed in weight and in CO ₂ equivalent of fluorinated greenhouse gases contained in the product or equipment, or the quantity of fluorinated greenhouse gases for which the equipment is designed, and the global warming potential of those gases; d) where applicable: a reference that the fluorinated greenhouse gases are contained in hermetically sealed equipment.	VO (EU) Nr. 517/2014	Art. 12

Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Cooling-/freezing devices

Article No.:

Electronic household cooling- and refrigerating devices as well as corresponding combined devices.

req. no.	Statutory requirement	Law	Article
50372	<p>For mains-powered household fridges (also applies to fridges which additionally can be driven by batteries/akkus) with a content capacity of between 10 and 1,500 litres, the energy labelling and supplementary product information of the EC-RE 1060/2010 is to be in writing and immediately available .</p> <p>Manufacturers and importers of household fridges ensure :</p> <ul style="list-style-type: none"> - that every appliance is supplied with a printed leaflet (contents, see Annex II); - a product data sheet (see Annex III) is available - technical documentation which is listed in Annex IV is supplied to the authorities; - the energy efficiency class information is supplied with all advertising (this also applies to technical advertising material; - an electronic label in the format and containing the information set out in Annex II is made available to dealers for each household refrigerating appliance model placed on the market from 1 January 2015 with a new model identifier. It may also be made available to dealers for other household refrigerating appliance models; - an electronic product fiche as set out in Annex III is made available to dealers for each household refrigerating appliance model placed on the market from 1 January 2015 with a new model identifier. It may also be made available to dealers for other household refrigerating appliance models. <p>This information must also be made known for distant sales (internet, catalog etc)..</p> <p>Printed advertising and technical advertising material which was published before 30. March 2012 may continue to be used. Otherwise the regulations of the RE apply from 30. Nov. 2011.</p> <p>Additional information: CDR (EU) No 1060/2010 Annex II-IV_11-04 Del VO (EU) Nr. 1060/2010 Haushaltskühlgeräte Anhang II-IV_11-04</p>	Del VO (EU) Nr. 1060/2010	Art. 1, 3, 9 u. 10
100815	<p>The following notes are stated on the back of the device and in the manual instruction.</p> <ul style="list-style-type: none"> - A damage of the refrigerant-cycle, particularly the heat exchanger on the back of the device must be avoided - Information regarding the date of pick-up or collection-places are available from the urban council or specialist shops. 	QS	
100847	<p>The manual instruction must contain the following remarks:</p> <ul style="list-style-type: none"> - Device should not be placed immediately next to heating elements and ovens - Avoid direct sunlight - Deep freezing devices should be placed in cool rooms - Do not place warm food in the refrigerator - Sufficient air-circulation on the back of the device has to be guaranteed. 	QS	



Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Charging cable for data-enabled mobile phones

Article No.:

req. no.	Statutory requirement	Law	Article
50408	Charging cable for data-enabled mobile phones (without external power supply unit) must adhere the interface requirements of DIN EN 62684.	DIN EN 62684	



Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Lamps/illuminant

Article No.:

All household lamps operated by mains voltage (glow lamps and fluorescent lamps with integrated device to connect in series) and household fluorescent lamps (including one- and double sided socket lamps and lamps without integrated transformer),
excepted:

- lamps with luminous flux > 6.500 lumen or with power consumption < 4 Watt
 - reflector lamps
 - lamps for wavelengths between 400 nm to 800 nm (not primarily for lighting puposes)
 - lamps sold as a part of a device, whose purpose of application is not the production of light (e.g. projector lamps (bulbs), unless it is sold separately as spare part.
- /Low-voltage bulbs, high-voltage bulbs, energy-saving bulbs

req. no.	Statutory requirement	Law	Article
50069	Light emitting diodes (LEDs), lamps and lamp systems must fulfill the requirements of DIN EN 62471 (VDE 0837-471) on photobiological safety.	DIN EN 62471; VDE 0837-471	DIN EN 62471
5273	With regard to low-voltage bulbs, high-voltage bulbs and energy-saving bulbs, the material prohibition (RoHs) as per Elektro-Stoff-Regulation apply.	ElektroStoffV	
5276	With regard to high-voltage bulbs, the material prohibitions (RoHs) as per Elektro-Stoff-Regulation apply.	ElektroStoffV	
50034	For fluorescent lights without built-in pre-switch equipment, high-pressure deloading lamps and pre-switch equipment, beginning from 13. April 2010 the requirements for energy consumption, minimum lifespan and information apply. Additional information: CR (EC) No. 245-2009_15-11 CR (EU) No. 2015-1428_15-11 VO (EG) Nr. 245-2009_15-11 VO (EU) Nr. 2015-1428_15-11	VO (EG) Nr. 245/2009	Artikel 1, 3, 4 i.V.m.den Anhängen
50226	Self-ballasted LED-lamps for general lighting services by voltage > 50 V-250 V must fulfill the requirements of DIN EN 62560.	DIN EN 62560	
50661	For energy-saving directional lamps, halogen lamps, energy saving lamps (compact fluorescent lamps with integrated control gear) and LED (a cone with an angle of 120 ° corresponds to) lamps (also with unfocused light), are beginning with the 01 September 2013, requirements for energy consumption, minimum life, and the information. Please note the changes of the annexes in RE (EU) No. 2015/1428. Additional information: CR (EU) No. 2015-1428_15-11 RE (EU) No. 1194-2012 Directional lamps_13-04 VO (EU) Nr. 1194-2012 EU Lampen_13-04 VO (EU) Nr. 2015-1428_15-11	VO (EU) Nr. 1194/2012	

Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Lamps/illuminant

Article No.:

All household lamps operated by mains voltage (glow lamps and fluorescent lamps with integrated device to connect in series) and household fluorescent lamps (including one- and double sided socket lamps and lamps without integrated transformer),
excepted:

- lamps with luminous flux > 6.500 lumen or with power consumption < 4 Watt
- reflector lamps
- lamps for wavelengths between 400 nm to 800 nm (not primarily for lighting purposes)
- lamps sold as a part of a device, whose purpose of application is not the production of light (e.g. projector lamps (bulbs), unless it is sold separately as spare part.
/Low-voltage bulbs, high-voltage bulbs, energy-saving bulbs

req. no.	Statutory requirement	Law	Article
50566	<p>For lamps following documents shall be provided by the supplier:</p> <p>1 it is to provide a product data sheet according to Annex II of the Regulation; 2 technical documentation referred to in Annex III shall be retained for the authorities; 3 in offers and advertising of lamps in each case the energy efficiency class indicated (also in distance selling); 4 on the packaging of lamps is a label defined in Annex I, Section 1 shall be printed with the information on energy efficiency class. 5 an electronic label in the format and containing the information set out in point 1 of Annex I is made available to dealers for each lamp model placed on the market from 1 January 2015 with a new model identifier. It may also be made available to dealers for other lamp models.</p> <p>Additional information: RE (EU) No. 874-2012 ecodesign lamps and luminaires_14-04 VO (EU) Nr. 874/2012 Anhang I, II und III_12-11</p>	Del VO (EU) Nr. 874/2012	Art. 3
50568	<p>For luminaires following obligations by the manufacturer must be observed:</p> <p>1 There shall be provided at the request of the authorities available to the technical documentation referred to in Annex III; 2 in quotations and advertisements for each of the lights energy-related information (valid from March 1, 2014) represent (also for distance selling); 3 the trade will be provided by the supplier, the information specified in Annex I in electronic or paper form free of charge; 4 in lights (apply from 1 March 2014), which contain replaceable lamps, the original packaging of the lamps are included. If this is not the case or not possible, the information of the lamp packaging must be shown on the outside or inside of the light box. 5. an electronic label in the format and containing information set out in point 2 of Annex I is made available to dealers for each luminaire model placed on the market from 1 January 2015 with a new model identifier. It may also be made available to dealers for other luminaire models.</p> <p>Additional information: RE (EU) No. 874-2012 ecodesign lamps and luminaires_14-04 VO (EU) Nr. 874/2012 Anhang I und III_12-11</p>	Del VO (EU) Nr. 874/2012	Art. 3

Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Lamp holders

Article No.:

req. no.	Statutory requirement	Law	Article
80142	Lamp holders fulfil the requirements DIN EN 60061-2.	DIN EN 60061-2	
80143	Edison screw lamp holders fulfil the requirements of DIN EN 60238.	DIN EN 60238; VDE 0616-1	
80144	Lamp holders for tubular fluorescent lamps and starter holders fulfil the requirements of DIN EN 60400.	DIN EN 60400; VDE 0616-3	
80145	Miscellaneous lamp holders fulfil the requirements of DIN EN 60838-1.	DIN EN 60838-1; VDE 0616-5	

Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Laserpointer

Article No.:

req. no.	Statutory requirement	Law	Article
5367	Laserpointers must adhere to the norm DIN EN 60825-1. In particular only laserpointers with a max. performance of 1mW are permitted.	DIN EN 60825-1	
50760	Laser and Laser products (Laserpointer, Laser in consumer electronic or toys) shall not cause damage to the eyes or the skin. Additional information: Commission Decision Laser safety 2014-59-EU_14-04 Komm. Beschluss Sicherheit Laser 2014-59-EU_14-04	Beschl. 2014/59/EU	Art. 2



Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Lighting

Article No.:

req. no.	Statutory requirement	Law	Article
5347	The relevant standards of the volume DIN EN 60598 for lighting must be taken into account.	DIN EN 60598-1	
50627	All lightings under Regulation (EC) No 245/2009 (ecodesign) (fluorescent lamps without integrated ballast, for high intensity discharge Lamps) must comply with the requirements of DIN EN 60598-1.	DIN EN 60598-1	
50615	Handlamps with power connector (max. 250 V) have to fulfill the requirements of DIN EN 60598-2-8.	DIN EN 60598-2-8	
80106	Portable luminaires for garden use fulfill the requirements of DIN EN 60598-2-7.	DIN EN 60598-2-7	
50568	<p>For luminaires following obligations by the manufacturer must be observed:</p> <p>1 There shall be provided at the request of the authorities available to the technical documentation referred to in Annex III;</p> <p>2 in quotations and advertisements for each of the lights energy-related information (valid from March 1, 2014) represent (also for distance selling);</p> <p>3 the trade will be provided by the supplier, the information specified in Annex I in electronic or paper form free of charge;</p> <p>4 in lights (apply from 1 March 2014), which contain replaceable lamps, the original packaging of the lamps are included. If this is not the case or not possible, the information of the lamp packaging must be shown on the outside or inside of the light box.</p> <p>5. an electronic label in the format and containing information set out in point 2 of Annex I is made available to dealers for each luminaire model placed on the market from 1 January 2015 with a new model identifier. It may also be made available to dealers for other luminaire models.</p> <p>Additional information: RE (EU) No. 874-2012 ecodesign lamps and luminaires_14-04 VO (EU) Nr. 874/2012 Anhang I und III_12-11</p>	Del VO (EU) Nr. 874/2012	Art. 3

Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Light chains

Article No.:

req. no.	Statutory requirement	Law	Article
5257	All illuminations (fairy lights) must comply with the requirements of Norm DIN EN 60598-2-20. Additionally the requirements of DIN EN 60598-1 must be taken into account.	DIN EN 60598-2-20	
5258	Illuminations (fairy lights) must be, according to protective measures against electric shock, assigned to Protective Class II or III.	DIN EN 60598-2-20	
5276	With regard to high-voltage bulbs, the material prohibitions (RoHs) as per Elektro-Stoff-Regulation apply.	ElektroStoffV	
5040	Light chains must be marked with a CE sign, which must be visible, legible and permanent. A corresponding conformity certificate must be available.	EMVG	§ 8
5038	Light chains are to be provided with the name and address of the manufacturer or importer and a type, batch or serial number or other element allowing their identification. This information must be fixed permanently to the light chain, or must be shown on the light chain itself. The information must be clearly legible. Also the requirements of the harmonised standards have to be observed.	EMVG	§ 9
5041	Light chains must be classified in protection class II (with Euro plug) or protection class III (electrical equipment with a rated voltage up to 50 V ac or 120 V dc), and must bear the corresponding symbol.	EMVG	§ 9 und 19
5039	The instructions for use must be enclosed with every light chain.	EMVG	§ 9 und 19
5043	Light chains for outside areas must be suitable for this purpose and marked (IP 44 and/or identification symbol i.e.drop in a triangle)	EMVG	§ 9 und 19
5042	All light chains must be provided with the GS sign or the VDE (German Association of Electrical Engineers) test mark.	QS	



Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Light switch

Article No.:

req. no.	Statutory requirement	Law	Article
103013	Light switches must be signed and fitted out appropriately to their use (inside/outside IP-44).	QS	



Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Nightlights

Article No.:

req. no.	Statutory requirement	Law	Article
80146	Mains socket-outlet mounted nightlights fulfil the requirements of DIN EN 60598-2-12.	DIN EN 60598-2-12; VDE 0711-2-12	

Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Inflation devices for inflatable consumer products

Article No.:

req. no.	Statutory requirement	Law	Article
50604	Electric air pumps must fulfill the requirements of DIN EN 60335-1 regarding appliance safety.	DIN EN 60335-1	
50315	Inflation devices (air pumps) for inflatable consumer products must adhere to the specific safety requirements of Norm DIN EN 16051-1 and DIN EN 16051-2.	DIN EN 16051-1 u. DIN EN 16051-2	

Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Smoke detectors for residential buildings

Article No.:

applies to residential housing, apartments and rooms used as residences or similar

req. no.	Statutory requirement	Law	Article
5268	Smoke alarms must adhere to the provisions of the Norm DIN EN 14604 and in particular exhibit the registration number of an accredited laboratory next to the CE-designation which is already currently required (this requirement applies from August 2008)	DIN EN 14604	
5158	Smoke detectors for residential buildings, apartments and rooms for use of a residential nature: Norms DIN EN 14676 and 14676/A1 regarding installation, operation and maintenance must be fulfilled	DIN EN 14676	



Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Room air conditioning units

Article No.:

req. no.	Statutory requirement	Law	Article
5218	The use of partly halogenated CFCs as coolant in air conditioning units is prohibited.	ChemOzonSchi chtV	Art. 6
5214	The import and marketing of products and devices containing chlorofluorocarbons, other perhalogenated chlorofluorocarbons, halons, carbontetrachlorides, 1,1,1-trichloroethane, partly halogenated bromofluoride hydrocarbons and chlorobromomethane are prohibited. The following are affected: <ul style="list-style-type: none"> - Aerosol products - Dyes and paints - Cosmetics - Lubricants - Cleaning materials - Pressurised gas containers - Fire extinguishers - Insulation materials - Refrigerators - Air conditioning units - Mattresses - Foam material - Adhesives 	ChemOzonSchi chtV	Art.4
5301	Refrigerators, deep freezers and air-conditioning equipment with fluorinated greenhouse gases must be labelled. The label shall be clearly readable and indelible. a) a reference that the product or equipment contains fluorinated greenhouse gases or that its functioning relies upon such gases; b) the accepted industry designation for the fluorinated greenhouse gases concerned or, if no such designation is available, the chemical name; c) from 1 January 2017, the quantity expressed in weight and in CO 2 equivalent of fluorinated greenhouse gases contained in the product or equipment, or the quantity of fluorinated greenhouse gases for which the equipment is designed, and the global warming potential of those gases; d) where applicable: a reference that the fluorinated greenhouse gases are contained in hermetically sealed equipment.	VO (EU) Nr. 517/2014	Art. 12
50497	The product information must be displayed in the technical documentation and on an easily accessible internet page of the manufacturer, respectively importer, from 1. January 2013	VO (EU) Nr. 206/2012	



Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Room air conditioning units

Article No.:

req. no.	Statutory requirement	Law	Article
50496	<p>Room air conditioning units with a performance under 12 kW for cooling or heating must fulfil requirements defined for environmental design.</p> <p>The individual requirements are to be adhered to from 1. January 2013 respectively 1. January 2014.</p> <p>From 1. January 2013 the following apply: a) room air conditioning units, except one-channel and two-channel room air conditioning units must conform to the requirements according to Annex I Point 2b and 3a,3b and 3c; b) one-channel and two-channel room air conditioning units must conform to the requirements according to Annex I points 3a, 3b und 3d.</p> <p>From 1. January 2014 the following apply: a) room air conditioning units must conform to the Eco-design requirements according to Annex I Point 2c; b) one-channel and two-channel room air conditioning units must conform to the requirements according to Annex I point 2d.</p> <p>Additional information: RE (EU) No 206/2012 Annex I and II_12-04 VO (EG) Nr. 206/2012 Raumklimageräte und Komfortventilatoren Anhang I u II_12-04</p>	VO (EU) Nr. 206/2012	Artikel 1 und 3
50450	<p>Mains operated room air conditioning units for the production of cool or warm conditions (air conditioners)cold and or warmth under 12 kW cooling or heating performance are to be equipped with labelling as to usage. In addition technical documentation is to be made available. This does not apply if air is not used as a heat bearer on the condenser and/or vaporiser side.</p> <p>Additional information: CDR (EU) No 626/2011_11-11 DEL VO (EG) Nr. 626/2011 Kennzeichnung Luftkonditionierer_11-11</p>	Del VO (EU) Nr. 626/2011	Artikel 1

Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Room air conditioning units

Article No.:

req. no.	Statutory requirement	Law	Article
50451	<p>Manufacturers and importers must effect the following measures:</p> <ul style="list-style-type: none"> - Every device must be delivered with a printed label on which the efficiency level is printed which conforms to the energy efficiency levels in Annex II. - the contents of the label must adhere to the regulations in Annex III. - A product data sheet according to Annex IV is to be made available. - Instructions for use must always be provided. - Single-channel devices will always be designated as "local air conditioner." - An electronic label in the format and containing the information set out in Annex III is made available to dealers for each air conditioner model placed on the market from 1 January 2015 with a new model identifier, respecting energy efficiency classes set out in Annex II. It may also be made available to dealers for other air conditioner models;" - An electronic product fiche as set out in Annex IV is made available to dealers for each air conditioner model placed on the market from 1 January 2015 with a new model identifier. It may also be made available to dealers for other air conditioner models. <p>Additional information: Del VO (EU) Nr. 626-2011 Ökodesign Luftkonditionierer_14-04 RE (EU) No. 626-2011 ecodesign air conditioners_14-04</p>	Del VO (EU) Nr. 626/2011	Artikel 3
50452	<p>The information to be made available for air conditioning devices is to be extracted from Annex VII</p> <p>Additional information: CDR (EU) No 626_2011_Annex_VII_11-11 VO (EG) Nr. 626/2011 Anhang VII_11-11</p>	Del VO (EU) Nr. 626/2011	Artikel 5



Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Room air conditioning units

Article No.:

req. no.	Statutory requirement	Law	Article
50453	<p>Deadlines:</p> <p>(a) For airconditioning devices with the exception of single-channel and double-channel devices of the efficiency levels A, B, C, D, E, F and G, which are put into circulation from 1. January 2013 the label must conform to Annex III Nummer 1.1 for switchable air conditioners , Number 2.1 for airconditioners with only a cooling function and Number 3.1 for airconditioners with only a heating function;</p> <p>(b) for airconditioning devices with the exception of single and double-channel airconditioners of the efficiency levels A+, A, B, C, D, E und F, which are put into circulation from 1. January 2015 the label must conform to Annex III Nummer 1.2 for switchable airconditioners Number 2.2 for airconditioners with only a cooling function and Number 3.2 bfor airconditioners with only a heating function</p> <p>(c) For airconditioning devices with the exception of single-channel and double-channel devices of the efficiency levels A++,A+, B, C, D, and E, which are put into circulation from 1. January 2017 the label must conform to Annex III Nummer 1.3 for switchable air conditioners , Number 2.3 for airconditioners with only a cooling function and Number 3. for airconditioners woth only a heating function;</p> <p>(d)For airconditioning device with the exception of single-channel and double-channel devices of the efficiency levels A+++,A++,A+, B, C, and D, which are put into circulation from 1. January 2019 the label must conform to Annex III Nummer 1.4 for switchable air conditioners , Number 2.4 for airconditioners with only a cooling function and Number 3.4 for airconditioners with only a heating function;</p> <p>The designof the labels for double-channel airconditioners of the efficiency levels fZweikanal- A+++, A++, A+, A, B, C and D, which are put into circulation from 1. January 2013 must conform to Annex III Nummer 4.1 for switchable double-channel airconditioners, Number 4.3 for double-channel airconditioners with only a cooling function and number 4.5 for double-channel airconditioners with only a heating function. This regulation applies from 1 January 2013.</p>	Del VO (EU) Nr. 626/2011	Artikel 5



Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Solar lamps

Article No.:

req. no.	Statutory requirement	Law	Article
5274	With regard to solar lamps, the material prohibitions (RoHs) as per Elektro-Stoff-Regulation apply.	ElektroStoffV	
50767	For solar lights, the IP protection 44 is observed and labeled according to the standard (on the device, documents). Additional information: IP_Schutzarten-classes_DE_EN_14-04	QS	

Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Vacuum cleaner

Article No.:

req. no.	Statutory requirement	Law	Article
5269	Vacuum cleaners must comply with protection class II or III.	DIN EN 60335-2-2	
50708	<p>For mains powered vacuum cleaners (also applies to hybrid vacuum cleaners) the energy labeling and additional product information with EU Regulation 665/2013 are to create and be available.</p> <p>This does not apply to:</p> <ul style="list-style-type: none"> a) wet vacuum cleaners, combined wet and dry vacuum cleaners, battery powered vacuum cleaners, robotic vacuum cleaners, industrial vacuum cleaners and central vacuum cleaners; b) floor polishers; c) Vacuum cleaners for outdoor use. <p>Manufacturers and importers of mains powered vacuum cleaner ensure:</p> <ul style="list-style-type: none"> - That each unit is supplied with a printed label (content, see Annex II); - The product data sheet (see Appendix III) is provided; - For the authorities technical documents are represent, which are named in Annex IV; - Reference is made to any advertisement on the energy efficiency class, this also applies to technical promotional material; - An electronic label in the format and containing the information set out in Annex II is made available to dealers for each vacuum cleaner model placed on the market from 1 January 2015 with a new model identifier. It may also be made available to dealers for other vacuum cleaner models; - An electronic product fiche as set out in Annex III is made available to dealers for each vacuum cleaner model placed on the market from 1 January 2015 with a new model identifier. It may also be made available to dealers for other vacuum cleaner models. <p>For the design of the label as specified in Annex II, the following timetable applies:</p> <ul style="list-style-type: none"> a) In the case of vacuum cleaners that from 1 September 2014 be placed on the market, the labels must match the label 1 of Annex II; b) for vacuum cleaners that from 1 September 2017 be placed on the market, the labels must comply with the label 2 of Annex II. <p>For vacuum cleaners with water filter, the requirements applicable are from 1 September 2017.</p> <p>At the distance selling (internet), this information have to make also known.</p> <p>Additional information: Regulation (EU) No 665/2013 energy labelling vacuum cleaner Annex I-IV_13-11.pdf VO (EU) Nr. 665_2013 Staubsauger Anhang I-IV_13-11.pdf</p>	VO (EU) Nr. 665/2013	Art. 3



Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Vacuum cleaner

Article No.:

req. no.	Statutory requirement	Law	Article
50707	<p>For mains powered vacuum cleaners (also applies to hybrid vacuum cleaners) the energy requirements (eco-design) of EC Regulation 666/2013 must be observed.</p> <p>This does not apply to: a) wet vacuum cleaners, combined wet and dry vacuum cleaner, battery powered vacuum cleaners, robotic vacuum cleaners, industrial vacuum cleaners and central vacuum cleaners; b) floor polishers; c) Vacuum cleaners for outdoor use.</p> <p>The individual requirements for energy efficiency and product information are to fulfill from 1 September 2014, and as of 1 September 2017.</p> <p>A conformity assessment and declaration shall be carried out and submitted.</p> <p>Additional information: CR (EU) No 666-2013 ecodesign requirements for vacuum cleaner Annex I-IV_13-11.pdf VO (EU) Nr. 666_2013 Staubsauger Anhang I-IV_13-11.pdf</p>	VO (EU) Nr. 666/2013	
50466	Vacuum cleaners must fulfil the requirements of norm DIN EN 60312	DIN EN 60312	



Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Portable players

Article No.:

req. no.	Statutory requirement	Law	Article
50414	Portable players with headphones or earphones e.g. CD-players, MP3-players must fulfil the requirements of DIN EN 50332-1.	DIN EN 50332-1	



Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Fans

Article No.:

req. no.	Statutory requirement	Law	Article
80048	For ventilators the requirements of the norms DIN 44974-3 and DIN EN 60335-2-80 are to be taken into account	DIN 44974-3 und 60335-2-80;VDE 0700-80	
50499	The product information must be displayed in the technical documentation and on an easily accessible internet page of the manufacturer, respectively importer, from 1. January 2013	VO (EU) Nr. 206/2012	
50498	<p>Comfort ventilators (generation of a stream of air for personal skin cooling) with a performance under 125 W must fulfil requirements defined for environmental design.</p> <p>The individual requirements must be adhered to from 1. Jan. 2013</p> <p>Additional information: RE (EU) No 206/2012 Annex I and II_12-04 VO (EG) Nr. 206/2012 Raumklimageräte und Komfortventilatoren Anhang I u II_12-04</p>	VO (EU) Nr. 206/2012	Artikel 1 und 3
50376	<p>For ventilators with an entry performance of > 125 W and < 500 kW the energy efficiency requirements of EC-RE 372/2011 are to be adhered to.</p> <p>Exceptions:</p> <ul style="list-style-type: none"> - Products with a single electric motor and maximally 3 kW performance, whose ventilators are fixed to the same shaft which also serves to drive the main function ; - Driers and washing-drying-machines (Automats) and washing- drying machines with a maximally drying electrical entry performance of maximally 3 kW; - Kitchen-fume extractor hood whose ventilators have a calculated maximal electrical performance of 280 volts, - Fans that are designed to operate with optimum efficiency at 8000 rotations per minute or more, - Other special appliances for emergency use in areas susceptible to explosions, high and low temperatures . <p>The individual requirements regarding energy efficiency and product information are to be fulfilled from 1. Jan 2013, respectively from 1 Jan. 2015.</p> <p>An evaluation and declaration of conformity is to be produced in writing, respectively presented.</p> <p>Additional information: CR (EU) No 327/2011 Annex I_11-04 VO (EU) Nr. 327/2011 Ventilatoren Anhang I_11-04</p>	VO (EU) Nr. 327/2011	Art. 1

Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Dryers, washing machines, dish washer,

Article No.:

Electric household dish washers, electric household dryers, electric household washing machines and automatic electric household wash-dryers.

req. no.	Statutory requirement	Law	Article
50370	<p>For mains driven household dishwashers (also applies to dishwashers which can additionally be powered by batteries / akkus) the energy labelling and supplementary product information are to be in writing and held in readiness according to .EU-VO 1059/2010.</p> <p>Manufacturers and importers of household dishwashers ensure that:</p> <ul style="list-style-type: none"> - every appliance is delivered with a printed leaflet einem gedruckten Etikett geliefert wird (content, see Annex I); - a product data sheet Produktdatenblatt (see Annex II) readily available; - technical documentation which is listed in Annex III is prepared and available for the authorities; - that all advertising material contains information as to the energy efficiency class is this also applies to technical advertising material; - an electronic label in the format and containing the information set out in Annex I is made available to dealers for each household dishwasher model placed on the market from 1 January 2015 with a new model identifier. It may also be made available to dealers for other household dishwasher models;'; - an electronic product fiche as set out in Annex II is made available to dealers for each household dishwasher model placed on the market from 1 January 2015 with a new model identifier. It may also be made available to dealers for other household dishwasher models. <p>This information is also to be supplied with sales from a distance (internet etc).</p> <p>Printed advertising and technical advertising material which was published before 30. March 2012 may continue to be used. Otherwise the regulations of the RE apply from 20. Dec. 2011.</p> <p>Additional information: CDR (EU) No 1059/2010 Annex I-III_11-04 Del VO (EU) Nr. 1059/2010 Geschirrspüler Anhang I-III_11-04</p>	Del VO (EU) Nr. 1059/2010	Art. 1, 3 u. 9



Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Dryers, washing machines, dish washer,

Article No.:

Electric household dish washers, electric household dryers, electric household washing machines and automatic electric household wash-dryers.

req. no.	Statutory requirement	Law	Article
50368	<p>For mains-driven household washing machines (also applies to washing machines which can additionally be powered by batteries/akkus), the energy labelling and supplementary product information from EC-RE 1061/2010 must be in writing and in readiness to demonstrate.</p> <p>This does not apply to household washer-drier machines.</p> <p>Manufacturer s and importers of household washing machines must ensure:</p> <ul style="list-style-type: none"> - that every device is delivered with a printed (Contents, see Annex I); - a product sheet is made available (see Annex II); - technical documentation is supplied for the authorities which is named in AnnexIII ; - every advertising material carries information as to the energy efficiency class, this applies also to technical advertising material; - an electronic label in the format and containing the information set out in Annex I is made available to dealers for household washing machine model placed on the market from 1 January 2015 with a new model identifier. It may also be made available to dealers for other household washing machine models;"; - an electronic product fiche as set out in Annex II is made available to dealers for each household washing machine model placed on the market from 1 January 2015 with a new model identifier. It may also be made available to dealers for other household washing machine models. <p>In mail-order sales this information must equally be made known.</p> <p>Printed advertising and technical advertising materials which were published before 20. April 2012 may continue to be used. Otherwise the terms of the RE from 20.Dec 2011 apply.</p> <p>Additional information: CDR (EU) No. 1061/2010_Annex I-III_11-04 Del VO (EU) Nr. 1061/2010 Haushaltswaschmaschinen Anhang I-III_11-04 Del VO (EU) Nr. 1061/2010 Haushaltswaschmaschinen Berichtigungen_11-04</p>	Del VO (EU) Nr. 1061/2010	Art. 1, 3 und 9

Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Dryers, washing machines, dish washer,

Article No.:

Electric household dish washers, electric household dryers, electric household washing machines and automatic electric household wash-dryers.

req. no.	Statutory requirement	Law	Article
50377	<p>For mains-powered household washing machines (applies also to washing machines which additionally can be powered by batteries /akkus) , the energy and water efficiency requirements of EC RE 1015/2010 are to be adhered to.</p> <p>This does not apply to household washing and drying machines.</p> <p>The individual requirements for energy efficiency and for product information are to be fulfilled from 1. June 2012, from 1. Dec 2012 respectively 1. dec 2013 .</p> <p>A conformity evaluation and declaration is to be carried out, respectively demonstrated.</p> <p>Additional information: CR (EU) No. 1015/2010 Annex I-II_11-04 CR (EU) No. 1015/2010 Corrigendum_11-04 VO (EU) Nr. 1015/2010 Berichtigung Haushaltswaschmaschinen_11-04 VO (EU) Nr. 1015/2010 Waschmaschinen Anhang I-II_11-04</p>	VO (EU) Nr. 1015/2010	Art. 1, 3 u. 4
50378	<p>For mains-powered household dishwashers (applies also to household dishwashers which additionally can be driven by batteries /akkus), the energy, cleaning and drying efficiency index EC-RE 1016/2010 is to be adhered to.</p> <p>The individual requirements of the energy, cleaning efficiency index, drying efficiency index and regarding product information are to be fulfilled from 1. June 2012, from 1. Dec. 2012, from 1. Dec. 2013 or where appropriate from 1. Dec. 2016 .</p> <p>An analysis and declaration of conformity is to be carried out, respectively submitted.</p> <p>Additional information: CR (EU) No. 1016/2010 Annex I-II_11-04 VO (EU) Nr. 1016/2010 Geschirrspüler Anhang I-II_11-04</p>	VO (EU) Nr. 1016/2010	Art. 3, 4 u. 8



Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Dryers, washing machines, dish washer,

Article No.:

Electric household dish washers, electric household dryers, electric household washing machines and automatic electric household wash-dryers.

req. no.	Statutory requirement	Law	Article
50588	<p>Household tumble dryers (for gas-heated household tumble dryer and built-in household applies) shall comply with the energy labeling and additional product information with the EU Regulation 392/2012.</p> <p>This Regulation shall not apply to household combined washer-driers and household spin-extractors.</p> <p>Suppliers shall ensure that:</p> <ul style="list-style-type: none"> - each household tumble drier is supplied with a printed label in the format and containing the information set out in Annex I; - a product fiche, as set out in Annex II, is made available; - technical documentation as set out in Annex III is made available on request to the authorities of the Member States and to the Commission; - any advertisement for a specific model of household tumble drier contains the energy efficiency class, if the advertisement discloses energy-related or price information; - any technical promotional material concerning a specific model of household tumble drier which describes its specific technical parameters includes the energy efficiency class of that model; - an electronic label in the format and containing the information set out in Annex I is made available to dealers for each household tumble drier model placed on the market from 1 January 2015 with a new model identifier. It may also be made available to dealers for other household tumble drier models;"; - an electronic product fiche as set out in Annex II is made available to dealers for each household tumble drier model placed on the market from 1 January 2015 with a new model identifier. It may also be made available to dealers for other household tumble drier models. <p>Additional information: Regulation (EU) No 392/2012 energy labelling household tumble driers Annex I-III_12-11 VO (EU) Nr. 392/2012 Haushaltswäschetrockner Anhang I-III_12-11</p>	VO (EU) Nr. 392/2012	Art. 3



Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Dryers, washing machines, dish washer,

Article No.:

Electric household dish washers, electric household dryers, electric household washing machines and automatic electric household wash-dryers.

req. no.	Statutory requirement	Law	Article
50589	<p>Household tumble dryers (for gas-heated household tumble dryer and built-in household applies) shall comply with the ecodesign requirements of the EU Regulation 932/2012.</p> <p>This Regulation shall not apply to household combined washer-driers and household spin-extractors.</p> <p>The individual requirements for energy efficiency and product information have to comply from 1 November 2013, 1 November 2014 and 1 November 2015.</p> <p>A conformity assessment and declaration shall be carried out and submitted.</p> <p>Additional information: Comm. household tumble driers reg. VO (EU) No 932-2012_14-04 CR (EU) No 932/2012 ecodesign requirements for household tumble driers Annex I-IV_12-11 Mitteilung Wäschetrockner (i.R.d.VO (EU) Nr. 932-2012)_14-04 VO (EU) Nr. 932/2012 Haushaltswäschetrockner Anhang I-IV_12-11</p>	VO (EU) Nr. 932/2012	



Category: Electric appliances/Electronic/Multimedia

18-05

Author: Träger

Product:Elektronik / Electronic

Water-heater

Article No.:

req. no.	Statutory requirement	Law	Article
50407	Water-heater must adhere the requirements of DIN EN 60335-2-15.	DIN EN 60335-2-15	
50468	Water boilers must fulfil the requirements of norm DIN EN 60335-2-15	DIN EN 60335-2-15	
3046	<p>New safety codes have been specified in DIN EN Standard 60335-2-9 for movable electrical appliances such as toasters, crepe irons, bread machines, grilling and frying appliances, hotplates, cooking appliances and food-dryers, for example. Of particular importance are the safety provisions concerning high temperatures on the surfaces of such appliances where such surfaces can be touched. These are: The temperature increases in the case of radiant grills, rotary grills, raclette grills, hotplates and cooking appliances may not exceed 75° K. The figure for toasters is 90° K.</p> <p>Note: additional to the stated norm the CENELEC guide must be taken into account (touchability of hot surfaces) ,In addition, instructions for use must also be augmented with information if their touchable surfaces with the exception of the actual heating surfaces undergo an increase in temperature of more than 90° K during testing. The instructions for use must in principle contain the following wording: "The temperature of touchable surfaces may be extremely high during use".</p> <p>Special explanatory notes are required for specific appliances. Toasters: Bread may ignite. Therefore, never use toasters close to or immediately below curtains or other combustible materials. Toasters must be supervised.</p> <p>In the case of barbecue grills involving the use of water, the maximum quantity of water which may be poured into the appliance must be stated.</p> <p>Hotplates consisting of glass-ceramic (Ceran) or similar materials: Important! The appliance must be switched off, in order to avoid possible electric shock, if the surface is cracked.</p> <p>Induction hotplates: Metal objects, such as knives, forks, spoons and lids should not be placed on the cooking level, since they may become hot.</p> <p>Additional information: CENELEC Guide 29</p>	DIN EN 60335-2-9	