

Category: Electric appliances/Electronic/Multimedia

21-11

Author: Träger

Product: Elektro_Elektronik_Multimedia/
Electric

appliances_Electronic_Multimedia

Article No.:

Requirements for all products

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</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</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 (EU) 2019/1021_21-05 VO (EU) 2019/1021_21-05</p>	VO (EU) 2019/1021	
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	<p>Following mercury compounds may no longer be manufactured or placed on the market as substances. In mixtures, articles or any parts thereof, they may no longer be placed on the market, if the concentration of mercury is equal to or greater than 0.01 percent weight:</p> <ul style="list-style-type: none"> - Phenylmercury acetate (EC-No 200-532-5, CAS-No 62-38-4) - Phenylmercury propionate (EC-No 203-094-3, CAS-No 103-27-5) - Phenylmercury 2-ethylhexanoate (EC-No 236-326-7, CAS-No 13302-00-6) - Phenylmercury octanoate (CAS-No 13864-38-5) - Phenylmercury neodecanoate (EC-No 247-783-7, CAS-No 26545-49-3) 	VO (EG) Nr. 1907/2006	Anhang XVII Nr. 62
50525	<p>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.</p>	ProdSG	§ 20 (2)



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50527	The GS-mark must be designed in accordance with the provisions of ProdSG. Additional information: GS-Zeichen_21-11	ProdSG	§ 24 (3)
50518	The product safety of a product is completely to examined. All components of a product, as: <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, must be checked.	ProdSG	§ 3
50519	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. Product complaints must be registered. This should include the reason for the complaint and measures initiated. 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. The actions taken to represent.	ProdSG	§ 6
50522	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. Attention! Information from public authorities are exceptions to the direct labeling of the product if they are only economic.	ProdSG	§7 (3)
50523	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.	ProdSG	§ 7 (4)
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	
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

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req. no.	Statutory requirement	Law	Article
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
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 (1)
5048	Harmonized standards, non-harmonized standards and technical specifications can be used to ensure conformity.	ProdSG	§ 4 und § 5
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 Abs. 1 Nr. 5
5049	Instructions for use / safety instructions in German must be enclosed with all products if certain rules are to be observed to protect the health of people. The use, addition and maintenance of the product must be considered.	ProdSG	§ 3 (4)

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req. no.	Statutory requirement	Law	Article
5050	<p>The DIN EN IEC / IEEE 82079 standard can be used to create instructions for use.</p> <p>Following information is recommended:</p> <ol style="list-style-type: none"> 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. Complete address of the manufacturer or importer 9. Note on how to keep the instructions for use 10. Note on the legally prescribed disposal 	DIN EN IEC/IEEE 82079	
5052	The GS mark may be used only if a notified GS testing institute has carried out a test and confirmed this. The GS mark can only be applied for by manufacturers or authorized representatives based in the EU or the European free trade area.	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 (2)

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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
50395	The requirements of the safety data sheets are to be fulfilled according to RE (EC) 1907/2006 Annex II. Additional information: RE (EG) Nr. 1907/2006 Annex II 21-11 VO (EG) Nr. 1907/2006 Anhang II 21-11	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?jsessionid=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_21-05 VO (EG) Nr. 1907/2006_21-05	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

Article No.:

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> <p>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> <p>Group 2</p> <p>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> <p>Group 3</p> <p>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> <p>Group 4</p> <p>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-Pentabromodibenzofuran</p> <p>Group 5</p> <p>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-Hexabromodibenzo-p-dioxin d) 1,2,3,7,8-Pentabromodibenzofuran</p> <p>The following limits must be met:</p> <ol style="list-style-type: none"> 1 µg/kg for the total amounts contained of chemical compounds stated in Group 1 5 µg/kg for the total amounts contained of chemical compounds stated in Group 1 and 2 100 µg/kg for the total amounts contained of chemical compounds stated in Group 1, 2 and 3 1 µg/kg for the total amounts contained of chemical compounds stated in Group 4 5 µg/kg for the total amounts contained of chemical compounds stated in Group 4 and 5 <p>The limits in Items 2, 3 and 5 are deemed to have been met only provided the limits applicable to the groups listed there are met.</p> <p>Routes of entry for dioxins and furans may be:</p> <ul style="list-style-type: none"> - Direct Blue 106 + 108, Violet 23 dyestuffs - Anthraquinonoid vat dyes and anthraquinonoid pigments - Dyestuffs produced using chloranil as the basis - Fiber materials or leather treated with pentachlorophenol (PCP). 	ChemVerbotsV	§ 3 Anlage 1



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req. no.	Statutory requirement	Law	Article
50945	<p>The following single-use plastic articles must be marked on the packaging and the outer packaging with the harmonized marking requirement of the Implementing Regulation (EU) 2020/2151:</p> <ul style="list-style-type: none"> - Sanitary towels (pads), tampons and tampon applicators; - Wet wipes, i.e. pre-wetted personal care and domestic wipes; - Tobacco products with filters and filters marketed for use in combination with tobacco products; <p>On the other hand, on cups for beverages made of disposable plastic, the harmonized marking requirement from the Implementing Regulation (EU) 2020/2151 is placed directly on the product.</p> <p>Manufacturers and importers who place the above-mentioned products on the market for the first time in the respective EU member state are obliged to do so.</p> <p>As a transitional measure, the markings can also be affixed as stickers up to 03.07.2022. From 04.07.2022, the markings must be applied as print.</p> <p>The position, size and design of the marking must be taken from the Implementing Regulation (EU) 2020/2151</p> <p>Additional information: DVO (EU) 2020/2151_21-11</p>	EWKKennzV	§ 4 i.V.m. DVO (EU) 2020/2151
50940	<p>Certain single-use plastic articles and products made of oxo-degradable plastic are banned.</p> <p>These include in particular</p> <ul style="list-style-type: none"> - cotton buds sticks, - cutlery (forks, knives, spoons, chopsticks), - plates, - straws; - beverage stirrers - sticks to be attached to and to support balloons, including the mechanisms of such sticks - food containers made of styrofoam - beverage containers made of styrofoam, including their caps and lids; and - cups for beverage made of styrofoam, including their covers and lids. 	EWKVerbotsV	§ 3



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50947	<p>Extended producer responsibility applies to the following single-use plastic articles:</p> <ul style="list-style-type: none"> - Wet wipes, i.e. pre-wetted personal care and domestic wipes; - Balloons, except balloons for industrial or other professional uses and applications that are not distributed to consumers <p>For these products, the following costs must be covered from 31.12.2024 at the latest:</p> <ul style="list-style-type: none"> - Awareness-raising measures - cleaning up litter resulting - data gathering and reporting in accordance with Directive 2008/98/EC. <p>The above-mentioned costs must already be borne from 05.01.2023 if the extended producer responsibility regime for the single-use plastic products concerned was introduced before 04.07.2018.</p>	Richtlinie (EU) 2019/904	Art. 8 i.V.m. Teil E
50049	<p>Diocetylzin combinations (DOT) are prohibited 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; - wall 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
671	<p>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.</p> <p>By way of derogation, above restriction shall not apply to articles coloured with mixtures containing cadmium for safety reasons.</p>	VO (EG) Nr. 1907/2006	Anhang XVII

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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> <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: RE (EC) No 1907/2006_20-05 VO (EG) Nr. 1907/2006_20-05</p>	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 (DBA_hA)</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 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 in products, 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.</p>	VO (EG) Nr. 1907/2006	Anhang XVII
50051	<p>Dibutyl zinc compounds (DBT) with a concentration of more than 0.1 per cent weight are prohibited 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:</p> <ul style="list-style-type: none"> 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. 	VO (EG) Nr. 1907/2006	Anhang XVII

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req. no.	Statutory requirement	Law	Article
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 2019-06-01_20-05 BfR IX Farbmittel 2019-06-01_20-05</p>	BfR-Empfehlung	BfR IX

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Article No.:

Metallic surfaces

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
50939	Plastic carrier bags with a wall thickness of less than 50 micrometres will be banned in Germany from 2022 without any further sales opportunities. Not affected by the ban are very light plastic carrier bags with a wall thickness of less than 15 micrometres.	VerpackG	§ 5
50925	Wood packaging material, whether or not actually in use in the transport of objects of all kinds, shall only be introduced into the Union territory if it fulfils all of the following requirements:(a) it has been subject to one or more of the approved treatments and complies with the applicable requirements set out in Annex 1 to the International Standard for Phytosanitary Measures No 15 Regulation of Wood Packaging Material in International Trade (ISPM15);(b) it is marked with the mark referred to in Annex 2 of ISPM15 attesting that it has been subject to the treatments referred to in point (a) This paragraph shall not apply to wood packaging material which is subject to the exemptions provided for in ISPM15.	VO (EU) 2016/2031	Art. 43 Abs. 1
50956	From 01.01.2022, distributors and manufacturers of system-incompatible sales and secondary packaging as well as sales packaging of pollutant-containing filling goods must comply with their obligation to provide evidence that they have fulfilled the take-back and recovery requirements. In addition, self-monitoring mechanisms must be introduced for transport packaging, sales and secondary packaging not subject to system participation, system-incompatible sales and secondary packaging and sales packaging of hazardous filling goods in order to be able to maintain the take-back and recovery requirements.	VerpackG	§ 15
50950	Beverage bottles with a capacity of up to three litres, including their caps and lids, which are mainly made of PET, shall be made of at least 25% recycled material on average from 2025 onwards. From 2030, a minimum average of 30% recycled content will apply to all single-use plastic beverage bottles. Not affected are: a) Glass or metal beverage bottles with plastic caps or lids; (b) beverage bottles intended for and used for liquid food for special medical purposes as referred to in Article 2(g) of Regulation (EU) No 609/2013.	VerpackG	§ 30 a VerpackG



Category: Electric appliances/Electronic/Multimedia

21-11

Author: Träger

Product: Elektro_Elektronik_Multimedia/
Electric

appliances_Electronic_Multimedia

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
50957	<p>From 01.01.2022, single-use plastic beverage bottles must be subject to additional deposits if they are filled with the following contents:</p> <p>a. Sparkling wine, mixed sparkling drinks with a sparkling wine content of at least 50% and sparkling drinks made from non-alcoholic or reduced-alcohol wine.</p> <p>b. Wine and mixed wine beverages with a wine content of at least 50 % and non-alcoholic or reduced-alcohol wine</p> <p>c. wine-like drinks and mixed drinks, including those in processed form, with a wine-like product content of at least 50%.</p> <p>d. alcohol products subject to alcohol tax (beverages with alcopops tax with mandatory deposit!)</p> <p>e. other mixed drinks containing alcohol with an alcohol content of at least 15%.</p> <p>f. Fruit juices and vegetable juices</p> <p>g. fruit nectars without carbonic acid and vegetable nectars without carbonic acid</p> <p>In addition, the regulation applies to all beverage cans.</p> <p>Sales are permitted until 01.07.2022. After that, beverage containers subject to a deposit may no longer be sold to the end consumer without a deposit.</p> <p>From 01.01.2024, the deposit obligation will be extended again to one-way plastic beverage bottles with</p> <p>a. Milk and mixed milk drinks with a milk content of at least 50%.</p> <p>b. other drinkable milk products.</p>	VerpackG	§ 31, 38 Abs. 7
50951	<p>From January 1, 2023, a reusable alternative for single-use plastic food packaging and single-use beverage cups must also be made available to the end customer if, in each case, the single-use solution is only filled with goods at the final distributor.</p> <p>The end consumer must be informed of the option.</p>	VerpackG	§ 33 VerpackG
50049	<p>Diocetylzin combinations (DOT) are prohibited 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; -wall 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



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21-11

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Electric

appliances_Electronic_Multimedia

Packaging (also wooden packing)

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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
50952	<p>From 03.07.2024, beverage containers with a capacity of up to three litres, including their caps and lids, must be designed in such a way that the caps and lids are firmly attached to the container during the period of use.</p> <p>The following shall not be included</p> <p>(a) Glass or metal beverage containers with caps or lids made of plastic;</p> <p>(b) Metal beverage containers in which only the seals on the lid or caps are made of plastic;</p> <p>(c) beverage containers intended for and used for liquid foods for special medical purposes as defined in Article 2(g) of Regulation (EU) No 609/2013 of the European Parliament and of the Council.</p>	EWKKennzV	§ 3 EWKKennzV
50959	For 2025, at least 25% recyclates must be used in single-use plastic beverage bottles made predominantly of PET. Recyclate use must be 30% for all single-use plastic beverage bottles from 2030.	VerpackG	§ 30a
50958	Final distributors where the single-use plastic food packaging and single-use plastic beverage cups are filled with goods on site must provide a reusable alternative for this in addition to the single-use packaging from 01.01.2023 onwards. Relief applies to small businesses with no more than five employees and to vending machines. Here, containers brought by the end consumer can be used if information boards inform the end consumer of this at the point of sale.	VerpackG	§§ 33, 34
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	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
5321	Manufacturers are required to register before placing the packaging on the market. https://www.verpackungsregister.org https://lucid.verpackungsregister.org	VerpackG	§ 9
5320	All packaging which accumulates in private households must be licensed by a Dual System.	VerpackG	§ 7
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

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Packagings include sales-, re-, and transport packagings (acc. VerpackV).

req. no.	Statutory requirement	Law	Article
2655	Packaging must not exceed the defined concentrations value of - Lead - Cadmium - Mercury - Chromium VI: 100 ppm This applies to transport, re-packaging and sales packaging.	VerpackG	§ 5



Category: Electric appliances/Electronic/Multimedia

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Product: Elektro_Elektronik_Multimedia/
Electric

appliances_Electronic_Multimedia

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_20-11 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: Dir 2006/42/EG_20-05 RL 2006/42/EG_20-05	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: Dir 2006/42/EG_20-05 RL 2006/42/EG_20-05	9. ProdSV	§ 3 iVm. Art. 8 (2 b+c) Maschinen-RL

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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: https://ec.europa.eu/growth/single-market/european-standards/harmonised-standards/machinery_en</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	
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	
80193	Hand-held non-electric fastener driving tools, must fulfill the requirements of DIN EN ISO 11148-13.	DIN EN ISO 11148-13	

Category: Electric appliances/Electronic/Multimedia

21-11

Author: Träger

Product:Elektro_Elektronik_Multimedia/
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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 manufacturere/supplier must supply a safety data sheet or a technical data sheet. In particular it must be clear from the documantation 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: The marketing of button cells containing more than 0.0005 percent by weight of mercury, is prohibited.	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);	BattG	§ 3 Abs. 2
658	All Batteries must be labelled according to Annex 1 (struck through waste bin). 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: 0.0005 mass per cent mercury; 0.0002 mass per cent cadmium; 0.004 mass per cent lead Additional information: Anlage BattG_21-05	BattG	§ 17

Category: Electric appliances/Electronic/Multimedia

21-11

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appliances_Electronic_Multimedia

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
50269	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, Additional information: VO (EU) 1103/2010 de_10-11 VO (EU) 1103/2010 en_10-11	VO (EU) Nr. 1103/2010	
50928	The mercury bans and mercury limit values of Regulation (EU) 2017/852 must be observed. Additional information: RE (EU) 2017/852_20-11 VO (EU) 2017/852_20-11	VO (EU) 2017/852	

Category: Electric appliances/Electronic/Multimedia

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Author: Träger

Product: Elektro_Elektronik_Multimedia/
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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
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
150449	<p>From 1.1.2022: Each producer shall provide electrical and electronic equipment containing a battery or accumulator with information informing the end-user about</p> <ol style="list-style-type: none"> 1. the type and chemical system of the battery or accumulator; and 2. its safe removal. <p>This does not apply to EEE in which an uninterrupted power supply is necessary for reasons of safety, performance, medical reasons or completeness of data and where a permanent connection between the equipment and the battery or accumulator is required.</p>	ElektroG	§ 4 Abs. 3, 4
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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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.</p> <p>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> <p>Manufacturers shall ensure that the electrical 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. Such instructions and safety information, as well as any labelling, shall be clear, understandable and intelligible.</p> <p>Manufacturers who consider or have reason to believe that electrical equipment which they have placed on the market is not in conformity with this Directive shall immediately take the corrective measures necessary to bring that electrical equipment into conformity, to withdraw it or recall it, if appropriate. Furthermore, where the electrical equipment presents a risk, manufacturers shall immediately inform the competent national authorities of the Member States in which they made the electrical equipment available on the market to that effect, giving details, in particular, of the non-compliance and of any corrective measures taken.</p> <p>Manufacturers shall, further to a reasoned request from a competent national authority, provide it with all the information and documentation in paper or electronic form necessary to demonstrate the conformity of the electrical equipment with this Directive, in a language which can be easily understood by that authority. They shall cooperate with that authority, at its request, on any action taken to eliminate the risks posed by electrical equipment which they have placed on the market.</p> <p>Manufacturers shall, on request, identify the following to the market surveillance authorities:</p> <p>(a) any economic operator who has supplied them with electrical equipment;</p> <p>(b) any economic operator to whom they have supplied electrical equipment.</p> <p>Manufacturers shall be able to present the information referred to in the first paragraph for 10 years after they have been supplied with the electrical equipment and for 10 years after they have supplied the electrical equipment.</p> <p>Note: The requirements of DIRECTIVE 2014/35/EU must be adhered to as of 20. April 2016.</p> <p>Additional information: DIR. 2014-35-EU_15-11 Draft Guidance LVD_16-05 Risk Assessment and Risk Reduction CENELEC Guide32 RL 2014-35-EU_15-11</p>	1. ProdSV	§ 1, 3, 7, 8, 14, 21

Category: Electric appliances/Electronic/Multimedia

21-11

Author: Träger

Product: Elektro_Elektronik_Multimedia/
Electric

appliances_Electronic_Multimedia

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
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	
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: https://ec.europa.eu/growth/single-market/european-standards/harmonised-standards/low-voltage_en	Normenverz. 1. ProdSV	Abschnitt 1
5110	Every manufacturer (importer) or authorised representative must quote his registration number in written business dealings.	ElektroG	§ 6 Abs.3
5111	Every manufacturer (importer) or authorised representative is obliged to collect and recycle the WEEE handed in to the public waste management authorities. They may use third parties for this purpose.	ElektroG	§ 16 Abs. 1, § 43



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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</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_20-11 RL 2011/65/EU_20-11</p>	ElektroStoffV	§ 3 Abs. 1, § 15
5137	Plugs and sockets for domestic use must fulfill the requirements of Norm DIN VDE 0620-1.	DIN VDE 0620-1	
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	
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



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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-compliance and of any corrective measures taken.</p> <p>Manufacturers shall, further to a reasoned request from a competent national authority, provide it with all the information and documentation in paper or electronic form necessary to demonstrate the conformity of the apparatus with this Directive, in a language which can be easily understood by that authority. They shall cooperate with that authority, at its request, on any action taken to eliminate the risks posed by apparatus which they have placed on the market.</p> <p>Manufacturers shall, on request, identify the following to the market surveillance authorities:</p> <p>(a) any economic operator who has supplied them with apparatus;</p> <p>(b) any economic operator to whom they have supplied apparatus.</p> <p>Manufacturers shall be able to present the information referred to in the first paragraph for 10 years after they have been supplied with the electrical equipment and for 10 years after they have supplied the electrical equipment.</p> <p>Additional information: Dir 2014/30/EU_20-05 RL 2014/30/EU_20-05</p>	RL 2014/30/EU	Art. 6,7,12

Category: Electric appliances/Electronic/Multimedia

21-11

Author: Träger

Product:Elektro_Elektronik_Multimedia/
Electric

appliances_Electronic_Multimedia

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
5340	All electrical equipment must be permanently fitted with the CE mark.	EMVG	§ 18
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
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



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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. From 7th Jan. 2010: - Power consumption in off-mode: max. 1.00 Watt - Power consumption in standby mode: 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: The network-connected devices across the Standby or off condition, or other condition can be moved without the applicable Consumption limits are exceeded. From 7th Jan. 2013: - Power consumption in off-mode: max. 0.50 Watt - Power consumption in standby mode: 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: 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: - readiness - off-state - in a different state, with the consumption values not be exceeded, - The power management function shall be enabled at the factory. As of 1 January 2015: - Ability to disable the wireless network connections - Power management function for networked devices - Power consumption in standby mode: HiNA devices max. 12.00 watts; Other connected devices max 6.00 W This does not apply to: 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. As of 1 January 2015 (only for Coffeemakers) : - 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 ; - Filter for home coffee machines where the coffee is not in a insulated container is kept , a waiting period of up to 40 applies Minutes after the last brew cycle or 30 minutes after completion of descaling or self- cleaning process ; - For domestic coffee machines , with the exception of filter coffee machines subject to a waiting period of no more than 30 minutes after the lastBrewing cycle , a maximum of 30 minutes after the activation of the heating element ,maximum of 60 minutes after activation of the preheat cups function and a maximum of 30 minutes after a Descaling or self- cleaning process , except when an alarm is triggered was that requires user intervention to damage or to prevent an accident . As of 1 January 2017: - In networked devices that have one or more standby modes must meet the requirements of this standby / standby modes this be met if all wired network ports by Separated network and all wireless network ports are disabled. - Networked devices (except HiNA devices) must automatically and in a very short time (according to the intended use) put in one of the following states: - readiness - off-state - in a different state, with the consumption values not be exceeded, - The power management function shall be enabled at the factory. - Power consumption in standby mode: HiNA devices max. 8.00 watts; Other connected devices max 3:00 W This does not apply to: i) large format printers; ii) desktop thin clients; iii) workstations; iv) mobile workstations; v) Small-Scale Server; vi) computer server. As of 1 January 2019: - Power consumption in standby mode: Other connected devices (except HiNA devices) max 2.00 W In addition, from 1 January 2015 : following information on free-access websites of manufacturers specify for networked devices : a) for each of the standby and / or the off-state and for the state of the networked standby mode , in which the device is set using the power management function or a similar function : - The power consumption data in Watts rounded to one decimal place , - The time period after which the device using the power management function or a similar function is automatically ready and / or the off-state and / or a state of the standby mode set in the cross-linked ; b) the power consumption of the product in the networked standby mode , when all wired network ports connected to the network and all wireless network ports activated; c) information on the activation and deactivation of wireless network ports. The power consumption of the product in the networked standby mode are also indicated in the User 's Guide. This Regulation shall not apply to devices that are placed on the market with a low voltage external power supply. Additional information: CE (EG) No. 1275/2008 codesign electrical and electronic household equipment Annex I-II_13-11.pdf VO (EG) Nr. 1275/2008 Ökodesign elektrische und elektronische Haushalts-Bürogeräte Anhang I-II_13-11</p>	VO (EG) Nr. 1275/2008	Artikel 3, 8 i.V.m. Anhang I, II



Category: Electric appliances/Electronic/Multimedia

21-11

Author: Träger

Product:Elektro_Elektronik_Multimedia/
Electric

appliances_Electronic_Multimedia

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
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
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	
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

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21-11

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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
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

Category: Electric appliances/Electronic/Multimedia

21-11

Author: Träger

Product:Elektro_Elektronik_Multimedia/
Electric

appliances_Electronic_Multimedia

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
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

Category: Electric appliances/Electronic/Multimedia

21-11

Author: Träger

Product: Elektro_Elektronik_Multimedia/
Electric

appliances_Electronic_Multimedia

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
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



Category: Electric appliances/Electronic/Multimedia

21-11

Author: Träger

Product:Elektro_Elektronik_Multimedia/
Electric

appliances_Electronic_Multimedia

**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
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: https://ec.europa.eu/growth/single-market/european-standards/harmonised-standards/appliances-burning-gaseous-fuels_en</p>	Normenverzeichnis VO (EU) 2016/426	

Category: Electric appliances/Electronic/Multimedia

21-11

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Product:Elektro_Elektronik_Multimedia/
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appliances_Electronic_Multimedia

**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
788	<p>Obligations of manufacturers</p> <p>When placing their appliances or fittings on the market or when using the appliances for their own purposes, 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 III ('technical documentation') and carry out the relevant conformity assessment procedure referred to in Article 14 or have it carried out. Where compliance of an appliance or a fitting with the applicable requirements has been demonstrated by the procedure referred to in the first subparagraph, manufacturers shall draw up an EU declaration of conformity (in German) and affix the CE marking.</p> <p>Manufacturers shall keep the technical documentation and the EU declaration of conformity for 10 years after the appliance or the fitting 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 Regulation. Changes in appliance or fitting design or characteristics and changes in the harmonised standards or in other technical specifications by reference to which the conformity of the appliance or the fitting is declared shall be adequately taken into account. When deemed appropriate with regard to the risks presented by an appliance, manufacturers shall, to protect the health and safety of consumers and other users, carry out sample testing of appliances made available on the market, investigate, and, if necessary, keep a register of complaints, of non-conforming appliances and fittings and recalls of such appliances and fittings, and shall keep distributors informed of any such monitoring.</p> <p>Manufacturers who consider or have reason to believe that an appliance or a fitting which they have placed on the market is not in conformity with this Regulation shall immediately take the corrective measures necessary to bring that appliance or fitting into conformity, to withdraw it or recall it, if appropriate. Furthermore, where the appliance or the fitting presents a risk, manufacturers shall immediately inform the competent national authorities of the Member States in which they made the appliance or the fitting available on the market to that effect, giving details, in particular, of the non-compliance and of any corrective measures taken.</p> <p>Manufacturers shall, further to a reasoned request from a competent national authority, provide it with all the information and documentation necessary to demonstrate the conformity of the appliance or the fitting with this Regulation, in a language which can be easily understood by that authority. That information and documentation may be provided in paper or electronic form. They shall cooperate with that authority, at its request, on any action taken to eliminate the risks posed by appliances or fittings which they have placed on the market.</p> <p>Additional information: RE (EU) 2016/426_20-05 VO (EU) 2016/426_20-05</p>	VO (EU) 2016/426	Artikel 7, Anhang I, Anhang III, Anhang V i.V.m § 7 GasgeräteDG

Category: Electric appliances/Electronic/Multimedia

21-11

Author: Träger

Product:Elektro_Elektronik_Multimedia/
Electric

appliances_Electronic_Multimedia

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>Manufacturers shall draw up the technical documentation referred to in Annex III ('technical documentation') and carry out the relevant conformity assessment procedure referred to in Article 14 or have it carried out. Where compliance of an appliance or a fitting with the applicable requirements has been demonstrated by the 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 ensure that their appliances and fittings bear a type, batch or serial number or other element allowing their identification, and the inscriptions provided for in Annex IV. Where the size or nature of the appliance or the fitting does not allow it, manufacturers shall ensure that the required information is provided on the packaging or in a document accompanying the appliance or the fitting.</p> <p>Manufacturers shall indicate on the appliance 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 the packaging or in a document accompanying the appliance. 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 consumers and other end-users and the market surveillance authorities. Manufacturers shall indicate on the fitting 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 the packaging or in a document accompanying the fitting. 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 appliance manufacturers and the market surveillance authorities.</p> <p>Manufacturers shall ensure that the appliance is accompanied by instructions and safety information in accordance with point 1.5 of Annex I, in a language which can be easily understood by consumers and other end-users (German for Germany). Such instructions and safety information, as well as any labelling, shall be clear, understandable and intelligible.</p> <p>In addition to the CE marking the appliance or its data plate shall bear the following information:</p> <p>(a) the manufacturer's name, registered trade name or registered trade mark;</p> <p>(b) the appliance type, batch or serial number of the appliance or other element allowing its identification;</p> <p>(c) the type of electrical supply used, where applicable;</p> <p>(d) the appliance category marking; (e) the nominal supply pressure for the appliance;</p> <p>(f) the necessary information to ensure correct and safe installation, according to the nature of the appliance.</p> <p>The fitting or its data plate shall bear, as far as relevant, the information</p> <p>Additional information: RE (EU) 2016/426_20-05 VO (EU) 2016/426_20-05</p>	VO (EU) 2016/426	Artikel 7, Anhang IV, Anhang I Nr. 1.5 i.V.m § 7 GasgeräteDG



Category: Electric appliances/Electronic/Multimedia

21-11

Author: Träger

Product: Elektro_Elektronik_Multimedia/
Electric

appliances_Electronic_Multimedia

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	



Category: Electric appliances/Electronic/Multimedia

21-11

Author: Träger

Product: Elektro_Elektronik_Multimedia/
Electric

appliances_Electronic_Multimedia

Article No.:

Products with food contact

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
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>Additional information: VO (EU) Nr. 10/2011 Anhang III_19-05 VO (EU) Nr. 10/2011 Anhang V_20-11</p>	VO (EU) 2018/213	Art. 2, 3 + VO (EU) Nr. 10/2011
40975	<p>The written declaration shall contain the following information:</p> <ol style="list-style-type: none"> (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 	VO (EU) 2018/213	Art. 4
90000	<p>According to the opinion of the German Federal Institute for Risk Assessment (BfR), tableware made of melamine formaldehyde resin is not suitable for contact with hot food and beverages. This applies in particular to tableware to which bamboo fiber has been added as filler ("bambooware"). Moreover, fillers like bamboo and similar substances including corn are not authorised in plastic food contact materials according to the note of the Expert Working Group of the Standing Committee.</p> <p>Additional information: BfR Melamin Formaldehyde Resin 20-05 BfR Melamin-Formaldehyd-Harz 20-05 Mitteilung Bambus_20-11</p>	BfR Melamin-Formaldehyd-Harz	+ Mitteilung Bambus

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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
50964	Food contact materials made of textile plastic fibers or parts thereof are subject to Regulation (EU) No. 10/2011. This means, for example, cheesecloths, tea bags and lye cloths made of polyamide and / or polyester fibers.	ALS	2021/16
50965	In the case of food contact materials made of plastic that are intended for multiple use, the migration from the first to the third migration must not increase, even if the specific migration limit value is still observed in the third migration. Otherwise, good manufacturing practice is not considered to have been met.	ALS	2021/17
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
50284	When using silicons the BfR recommendations XV are to be observed. Additional information: BfR XV. Silicone 2019-06-01_20-05 BfR XV. Silicones 2019-06-01_20-05	BfR-Empfehlung	BfR XV
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
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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21-11

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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
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
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	2020/18
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



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req. no.	Statutory requirement	Law	Article
5163	For all plastic materials and articles intended to come into contact with food with direct or indirect contact to foodstuffs, as for example: <ul style="list-style-type: none"> - packaging - household cans - food-grade films - household appliances made of or with synthetic materials (plastics), the following basic principles apply: <ol style="list-style-type: none"> 1. No endangerment to human health; 2. No misguidance or misleading of the users. 	VO (EG) Nr. 1935/2004	Art. 3
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: <ol style="list-style-type: none"> 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: <ul style="list-style-type: none"> - 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



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req. no.	Statutory requirement	Law	Article
5167	The traceability of food contact materials must be ensured at all levels.	VO (EG) Nr. 1935/2004	Art. 17
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
50932	The BfR recommends that significantly lower release values should be taken into account than the applicable limit values for lead and cadmium in ceramic dishes. The amount released of cobalt should also be kept as low as possible. Additional information: BfR Keramikgeschirr_20-11	BfR Keramikgeschirr	
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

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req. no.	Statutory requirement	Law	Article
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
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	

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req. no.	Statutory requirement	Law	Article
50354	<p>for materials and articles which are intended to come into contact with foodstuffs the following documentation must be kept ready:</p> <ul style="list-style-type: none"> - 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. <p>* Affected /relevant materials and articles are the following:</p> <ol style="list-style-type: none"> 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 <p>For importer from third countries the importer must hold the documentation in readiness and supply this on demand to the authorities.</p> <p>Additional information: CR (EC) No. 2023/2006_11-04 VO (EG) Nr. 2023/2006_11-04</p>	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>Plastic materials and articles complying with Regulation (EU) No 10/2011 as applicable before and which were first placed on the market before 23 March 2021 may continue to be placed on the market until 23 September 2022 and remain on the market until the exhaustion of stocks.</p> <p>Additional information: VO (EU) Nr. 10/2011 Anhang I_20-11</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>Additional information: VO (EU) Nr. 10/2011 Anhang II_20-11</p>	VO (EU) Nr. 10/2011	Art. 10 + Anhang II
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_20-11</p>	VO (EU) Nr. 10/2011	Art. 11 + Anhang I

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req. no.	Statutory requirement	Law	Article
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_20-11 Konformitätserklärung Kunststoffe mit Lebensmittelkontakt_20-11</p>	VO (EU) Nr. 10/2011	Art. 15, 16 + Anhang IV
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_19-05 VO (EU) Nr. 10/2011 Anhang V_20-11</p>	VO (EU) Nr. 10/2011	Art. 18 + Anhang III, Anhang V

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req. no.	Statutory requirement	Law	Article
50691	For paper, paperboard and board that comes into contact with foodstuffs the following BfR recommendation is applicable. Additional information: BfR XXXVI. Paper and Board for Food Contact 2019-06-01_20_05 BfR XXXVI. Papiere, kartons, Pappen für Lebensmittelkontakt 2019-06-01_20_05	BfR-Empfehlung	BfR XXXVI
50692	For papers that come into contact with aqueous foods (Cooking Papers, Hot Filter Papers and Filter Layers), the following BfR Recommendation are applicable. Additional information: BfR XXXVI-1. Cooking Papers, Hot Filter Papers and Filter Layers 2019-06-01_20_05 BfR XXXVI-1. Koch- und Heißfilterpapier und Filterschichten 2019-06-01_20_05	BfR-Empfehlung	BfR XXXVI/1
50693	For paper and paperboard , that comes into contact with or affects foodstuffs during baking (also Microwave baking), the following BfR Recommendation are applicable. Additional information: BfR XXXVI-2 Paper and Paperboard for Baking Purposes 2019-06-01_20-05 BfR XXXVI-2 Papiere, Kartons und Pappen für Backzwecke 2019-06-01_20-05	BfR-Empfehlung	BfR XXXVI/2
50694	For absorber pads based on cellulosic fibres for food packaging, the following BfR recommendation is applicable. Additional information: BfR XXXVI-3 absorber pads cellulosis fibers for food packaging 2019-06-01_20-05 BfR XXXVI-3 Saugelagen Cellulosefasern für Lebensmittelverpackungen 2019-06-01_20-05	BfR-Empfehlung	BfR XXXVI/3
50697	For temperature-resistant coating systems of polymers for frying, cooking and baking equipment, the BfR recommendations are to be observed. Additional information: BfR LI Temperaturbeständige Beschichtungen 2019-06-01_20_05 BfR LI Temperature resistant coatings 2019-06-01_20_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

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req. no.	Statutory requirement	Law	Article
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 2019-06-01_20-05 BfR XIV. Polymer Dispersionen 2019-06-01_20-05.	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

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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> <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: RE (EC) No 1907/2006_20-05 VO (EG) Nr. 1907/2006_20-05</p>	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 (DBA_hA)</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 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>https://ec.europa.eu/food/safety/docs/cs_fcm_plastic-guidance_201110_en.pdf https://ec.europa.eu/food/safety/docs/cs_fcm_plastic-guidance_201110_reg_en.pdf https://ec.europa.eu/food/safety/docs/cs_fcm_legis_pm-guidance_reg-10-2011_boxes_deut.pdf</p>	Guideline VO (EU) Nr. 10/2011	
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

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req. no.	Statutory requirement	Law	Article
5377	For metal food contact materials (e.g. cooking utensils, sets of cutlery) the following limit values must be observed: Pb < 0.010mg/dm ² Cd < 0.005mg/dm ² Cr < 0.450mg/dm ² Ni < 0.100mg/dm ² Cu < 0.500mg/dm ² Co < 0.100mg/dm ² Fe < 5.000mg/dm ² Mn < 5.000mg/dm ² .	VO (EG) Nr. 1935/2004	Zusatzinfo
50412	Cooking crockery of ceramics, glass, glass ceramics or plastics for use in microwave units must fulfil the tests of the norm DIN EN 15284.	DIN EN 15284	
50419	You may see the "BfR Recommendations on Food Contact Materials" (formerly "Plastics Recommendations") under: https://bfr.ble.de/kse/faces/DBEmpfehlung.jsp	BfR-Empfehlung	BfR Kunststoff
50421	Articles used in connection with foodstuffs must adhere to the MSL limit values of 0,05 mg/kg for cobalt.	BedGgstV	BedGgstV Abschnitt 2
50773	For printed food commodities such as napkins or baker bags the following BfR Recommendation are applicable: 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	BfR bedruckte LM-BG	
20711	Materials releasing 3-hydroxy-2-naphthanilide (Naphthol AS), N-Acetoacetyl-m-xylidine (NAAX) or N-(2,4-Dimethylphenyl)acetamide (NDPA) or precursors of those substances should not be used as food contact materials. Additional information: BfR bedruckte LMBG2 19-11	BfR bedruckte LMBG2	BfR Stellungnahme Nr. 037/2019
50836	For Polystyrene produced exclusively from the polymerisation of styrene the BfR recommendations are observed. 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	BfR-Empfehlung	BfR V

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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 Polysterol 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 2019-06-01_20-05 BfR XXV. Hartparaffine, mikrokristalline Wachse, Mischungen 2019-06-01_20-05	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. Füllstoffe 2019-06-01_20-05 BfR LII. Füllstoffe 2019-06-01_20-05	BfR-Empfehlung	BfR LII

Category: Electric appliances/Electronic/Multimedia

21-11

Author: Träger

Product:Elektro_Elektronik_Multimedia/
Electric

appliances_Electronic_Multimedia

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
50933	The ESG guidelines can be used to ensure compliance with paper packaging for food. Additional information: ESG Food Contact Guideline_21-05	ESG Guideline	
50935	Edible food contact materials and articles such as edible drinking straws must meet all the legal requirements for a foodstuff.	ALS	2020/07
50936	Food contact materials made of mixtures of plastics and natural fibres, the shape and structure of which are determined by the polymer content, fall within the scope of Regulation (EU) No 10/2011, irrespective of the polymer content. Claims such as "no plastic", "plastic-free" or similar claims are misleading for these products.	ALS	2020/13
50937	Indications on food packaging regarding the packaging materials used shall not be misleading.	ALS	2020/15



Category: Electric appliances/Electronic/Multimedia Electro-Adapter		21-11 Author: Träger Product:Elektro_Elektronik_Multimedia/ Electric appliances_Electronic_Multimedia 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

21-11

Author: Träger

Product:Elektro_Elektronik_Multimedia/
Electric

appliances_Electronic_Multimedia

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

21-11

Author: Träger

Product: Elektro_Elektronik_Multimedia/
Electric

appliances_Electronic_Multimedia

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

21-11

Author: Träger

Product:Elektro_Elektronik_Multimedia/
Electric

appliances_Electronic_Multimedia

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

21-11

Author: Träger

Product:Elektro_Elektronik_Multimedia/
Electric

appliances_Electronic_Multimedia

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

21-11

Author: Träger

Product:Elektro_Elektronik_Multimedia/
Electric

appliances_Electronic_Multimedia

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

21-11

Author: Träger

Product: Elektro_Elektronik_Multimedia/
Electric

appliances_Electronic_Multimedia

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. 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: 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; (vi) an electronic label in the format and containing the information set out in point 2 of Annex III is made available to dealers for each domestic range hood model; (vii) an electronic product fiche as set out in point B of Annex IV is made available to dealers for each domestic range hood model; <p>as regards efficiency classes:</p> <ul style="list-style-type: none"> (a) for domestic ovens, the energy efficiency class of the cavity of the oven shall be determined in accordance with point 1 of Annex I, and point 1 of Annex II; (b) for domestic range hoods: (i) the energy efficiency classes shall be determined in accordance with point 2(a) of Annex I and point 2.1 of Annex II; (ii) the fluid dynamic efficiency classes shall be determined in accordance with point 2(b) of Annex I and point 2.2 of Annex II; (iii) the lighting efficiency classes shall be determined in accordance with point 2(c) of Annex I and point 2.3 of Annex II; (iv) the grease filtering efficiency classes shall be determined in accordance with point 2(d) of Annex I and point 2.4 of Annex II; <p>For the design of the label as specified, the following timetable applies:</p> <ul style="list-style-type: none"> (a) for domestic ovens, the format of the label for the cavity of the oven shall be as set out in point 1 of Annex III, for appliances placed on the market from 1 January 2015; (b) for domestic range hoods, the format of the label shall be as set out in point 2 of Annex III, according to the following timetable: (i) for domestic range hoods placed on the market from 1 January 2015 with energy efficiency classes A, B, C, D, E, F and G, labels shall be in accordance with point 2.1.1 of Annex III (Label 1) or, where suppliers deem appropriate, with point 2.1.2 of that Annex (Label 2); (ii) for domestic range hoods placed on the market from 1 January 2016 with energy efficiency classes A+, A, B, C, D, E and F, labels shall be in accordance with point 2.1.2 of Annex III (Label 2) or, where suppliers deem appropriate, with point 2.1.3 of that Annex (Label 3); (iii) for domestic range hoods placed on the market from 1 January 2018 with energy efficiency classes A++, A+, A, B, C, D and E, labels shall be in accordance with point 2.1.3 of Annex III (Label 3) or, where suppliers deem appropriate, with point 2.1.4 of that Annex (Label 4); (iv) for domestic range hoods placed on the market from 1 January 2020 with energy efficiency classes A+++, A++, A+, A, B, C and D, labels shall be in accordance with point 2.1.4 of Annex III (Label 4). <p>Additional information: Berichtigung VO (EU) Nr. 65/2014_15-04 Corrigenda CR (EU) No 65/2014_15-04 CR (EU) No. 65-2014 ecodesign ovens hoods Annex I-V_14-04 VO (EU) Nr. 65-2014 Ökodesign Backöfen Abzugshauben Anhang I-V_14-04</p>	VO (EU) Nr. 65/2014	Art. 3

Category: Electric appliances/Electronic/Multimedia

21-11

Author: Träger

Product: Elektro_Elektronik_Multimedia/
Electric

appliances_Electronic_Multimedia

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

21-11

Author: Träger

Product: Elektro_Elektronik_Multimedia/
Electric

appliances_Electronic_Multimedia

External power supply units

Article No.:

req. no.	Statutory requirement	Law	Article
50409	External power supplies for data-enabled mobile phones must adhere the requirements of DIN EN 62684.	DIN EN 62684	
50889	<p>The ecodesign requirements for external power supplies set out in Annex II are adhered to.</p> <p>The regulation shall not apply to:</p> <ul style="list-style-type: none"> - voltage converters; - uninterruptible power supplies; - battery chargers without power supply function; - lighting converters; - external power supplies for medical devices; - active power over Ethernet injectors; - docking stations for autonomous appliances; - external power supplies placed on the market before 1 April 2025 solely as a service part or spare part for replacing an identical external power supply placed on the market before 1 April 2020, under the condition that the service part or spare part, or its packaging, clearly indicate 'External power supply to be used exclusively as spare part for' and the primary load product(s) it is intended to be used with. <p>Additional information: RE (EU) 2019/1782_20-05 VO (EU) 2019/1782_20-05</p>	VO (EU) 2019/1782	Artikel 3 und Anhang II
50890	<p>Manufacturers of external power supplies shall:</p> <ul style="list-style-type: none"> - set out the conformity assessment procedure (internal design control or quality management system) - draw up the technical documentation 	VO (EU) 2019/1782	Artikel 4



Category: Electric appliances/Electronic/Multimedia

21-11

Author: Träger

Product:Elektro_Elektronik_Multimedia/
Electric

appliances_Electronic_Multimedia

Televisions and video monitors

Article No.:

req. no.	Statutory requirement	Law	Article
50897	Manufacturers and importers of electronic displays, including televisions, monitors and digital signage displays shall not place on the market products designed to be able to detect they are being tested and altering their performance during the test to reach the parameters included in the technical documentation.	VO (EU) 2019/2021	Artikel 6 Satz 1
50898	Electronic displays, including televisions, monitors and digital signage displays shall not deteriorate their energy consumption and all other parameters after a software or firmware update, unless the customer explicitly agrees to this. Software updates shall never result in non-compliance with the ecodesign requirements.	VO (EU) 2019/2021	Artikel 6 Satz 2, 3
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	

Category: Electric appliances/Electronic/Multimedia

21-11

Author: Träger

Product:Elektro_Elektronik_Multimedia/
Electric

appliances_Electronic_Multimedia

Televisions and video monitors

Article No.:

req. no.	Statutory requirement	Law	Article
80203	<p>For televisions, monitors and other electronic displays with a screen area of at least 100 cm² shall produce and keep available the energy labelling and supplementary product information of Regulation (EU) 2019/2013.</p> <p>Manufacturers and suppliers shall ensure that</p> <ul style="list-style-type: none"> - electronic displays are supplied with a printed energy label that complies with Annex II - in addition, an energy label shall be printed or affixed on the packaging - an electronic label (in accordance with Annex III) shall be made available to distributors for each electronic display - the parameters of the product fiche (Annex V) are entered into the public part of the product database - the content of the technical documentation (Annex VI) shall be entered into the product database - an electronic Product Data Sheet shall be made available to distributors - the Product Data Sheet shall be made available in printed form at the request of the distributor - any visually perceptible advertising and technical web material with specific technical parameters, including on the Internet, shall include the energy efficiency class of the model and the available range of efficiency classes (Annexes VII and VIII) <p>Additional information: RE (EU) 2019/2013 Annex II and IV_21-05 RE (EU) 2019/2013 Annex III_21-05 RE (EU) 2019/2013 Annex V_21-05 RE (EU) 2019/2013 Annex VI_21-05 RE (EU) 2019/2013 Annex VII_21-05 RE (EU) 2019/2013 Annex VIII_21-05 VO (EU) 2019/2013 Anhang III_21-05 VO (EU) 2019/2013 Anhang V_21-05 VO (EU) 2019/2013 Anhang VI_21-05 VO (EU) 2019/2013 Anhang VII_21-05 VO (EU) 2019/2013 Anhang VIII_21-05 VO (EU) 2019/2013 Anhänge II und IV_21-05</p>	VO (EU) 2019/2013	Art. 3
50895	<p>For electronic displays, including televisions, monitors and digital signage displays, the ecodesign requirements set out in Annex II shall apply:</p> <ul style="list-style-type: none"> - Maximum values for the energy efficiency index in the on-mode. - tolerance values and adjustments for the calculation of the EEI and functional requirements - off-mode, standby-mode and networked standby requirements - Matrix efficiency requirements - Requirements for the availability of information <p>From 1 March 2023, the stricter requirements for the maximum on-mode EEI shall apply.</p> <p>Additional information: RE (EU) 2019/2021_21-05 VO (EU) 2019/2021_21-05</p>	VO (EU) 2019/2021	Artikel 1 und Anhang II

Category: Electric appliances/Electronic/Multimedia

21-11

Author: Träger

Product:Elektro_Elektronik_Multimedia/
Electric

appliances_Electronic_Multimedia

Televisions and video monitors

Article No.:

req. no.	Statutory requirement	Law	Article
50896	<p>Manufacturers of electronic displays, including televisions, monitors and digital signage displays shall</p> <ul style="list-style-type: none"> - carry out the conformity assessment (internal design control system or quality management system) - draw up the technical documentation including parameters listed in article 4 and Annex II of this Regulation and Regulation (EU) 2019/2013 Annex VI <p>Additional information: RE (EU) 2019/2013 Annex VI_21-05 RE (EU) 2019/2021_21-05 VO (EU) 2019/2013 Anhang VI_21-05 VO (EU) 2019/2021_21-05</p>	VO (EU) 2019/2021	Artikel 4 + VO (EU) 2019/2013 Anhang VI



Category: Electric appliances/Electronic/Multimedia

21-11

Author: Träger

Product:Elektro_Elektronik_Multimedia/
Electric

appliances_Electronic_Multimedia

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

21-11

Author: Träger

Product: Elektro_Elektronik_Multimedia/
Electric

appliances_Electronic_Multimedia

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. The following information shall also be included in the case of radio equipment intentionally emitting radio waves:</p> <p>(a) frequency band(s) in which the radio equipment operates;</p> <p>(b) maximum radio-frequency power transmitted in the frequency band(s) in which the radio equipment operates.</p> <p>Manufacturers shall ensure that each item of radio equipment is accompanied by a copy of the EU declaration of conformity or by a simplified EU declaration of conformity. Where a simplified EU declaration of conformity is provided, it shall contain the exact internet address where the full text of the EU declaration of conformity can be obtained.</p> <p>In cases of restrictions on putting into service or of requirements for authorisation of use, information available on the packaging shall allow the identification of the Member States or the geographical area within a Member State where restrictions on putting into service or requirements for authorisation of use exist. Such information shall be completed in the instructions accompanying the radio equipment. The Commission may adopt implementing acts specifying how to present that information. Those implementing acts shall be adopted in accordance with the advisory procedure referred to in Article 45(2).</p> <p>Manufacturers who consider or have reason to believe that radio equipment which they have placed on the market is not in conformity with this Directive shall immediately take the corrective measures necessary to bring that radio equipment into conformity, to withdraw it or recall it, if appropriate. Furthermore, where the radio equipment presents a risk, manufacturers shall immediately inform the competent national authorities of the Member States in which they made the radio equipment available on the market to that effect, giving details, in particular, of the non-compliance, of any corrective measures taken and of the results thereof.</p> <p>Manufacturers shall, further to a reasoned request from a competent national authority, provide it with all the information and documentation in paper or electronic form necessary to demonstrate the conformity of the radio equipment with this Directive, in a language which can be easily understood by that authority. They shall cooperate with that authority, at its request, on any action taken to eliminate the risks posed by radio equipment which they have placed on the market.</p> <p>Manufacturers shall, on request, identify the following to the market surveillance authorities: (a) any economic operator who has supplied them with radio equipment; (b) any economic operator to whom they have supplied radio equipment.</p> <p>Manufacturers shall be able to present the information for 10 years after they have been supplied with the radio equipment and for 10 years after they have supplied the radio equipment.</p> <p>Additional information: Dir 2014-53-EU_16-05 RL 2014-53-EU_16-05</p>	RL 2014/53/EU	Art. 10, 15



Category: Electric appliances/Electronic/Multimedia

21-11

Author: Träger

Product: Elektro_Elektronik_Multimedia/
Electric

appliances_Electronic_Multimedia

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; (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; (b) radio equipment interworks via networks with other radio equipment; (c) radio equipment can be connected to interfaces of the appropriate type throughout the Union; (d) radio equipment does not harm the network or its functioning nor misuse network resources, thereby causing an unacceptable degradation of service; (e) radio equipment incorporates safeguards to ensure that the personal data and privacy of the user and of the subscriber are protected; (f) radio equipment supports certain features ensuring protection from fraud; (g) radio equipment supports certain features ensuring access to emergency services; (h) radio equipment supports certain features in order to facilitate its use by users with a disability; (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

21-11

Author: Träger

Product: Elektro_Elektronik_Multimedia/
Electric

appliances_Electronic_Multimedia

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 (Decision 2006/771/EG, amended by Decision (EU) 2019/1345).</p> <p>Additional information: 2006-771-EC_Decision radio spectrum short range devices_17-11.pdf 2006-771-EG_Frequenznutzung Geräte geringe Reichweite_17-11.pdf Beschluss (EU) 2019/1345_19-11 Decision (EU) 2019/1345_19-11</p>	Entsch. 2006/771/EG	Art. 1



Category: Electric appliances/Electronic/Multimedia

21-11

Author: Träger

Product:Elektro_Elektronik_Multimedia/
Electric

appliances_Electronic_Multimedia

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 Hot drink makers		21-11 Author: Träger Product:Elektro_Elektronik_Multimedia/ Electric appliances_Electronic_Multimedia 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

21-11

Author: Träger

Product:Elektro_Elektronik_Multimedia/
Electric

appliances_Electronic_Multimedia

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

21-11

Author: Träger

Product:Elektro_Elektronik_Multimedia/
Electric

appliances_Electronic_Multimedia

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

21-11

Author: Träger

Product: Elektro_Elektronik_Multimedia/
Electric

appliances_Electronic_Multimedia

Cooling-/freezing devices

Article No.:

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

req. no.	Statutory requirement	Law	Article
50872	<p>Mains-powered refrigerators with a volume of more than 10 litres and no more than 1500 litres comply with the ecodesign requirements.</p> <p>Not affected are:</p> <ul style="list-style-type: none"> - commercial refrigerated storage cabinets - mobile refrigeration appliances - Refrigeration appliances that are not primarily intended for food storage 	VO (EU) 2019/2019	Art. 1
50873	<p>The Energy Efficiency Index (EEI) of refrigeration appliances shall not exceed the declared values.</p> <ul style="list-style-type: none"> - Special low-noise refrigerating appliances with storage compartment(s) for fresh food: EEI 375%. - Low-noise refrigerating appliances with transparent doors: EEI 380%. - Other low-noise refrigerating appliances, except low-noise combined appliances with freezer compartment: EEI 300%. - Wine storage cabinets with transparent doors: EEI 190%. - Other wine storage cabinets: EEI 155%. - Other refrigerating appliances, except low-noise combined appliances with freezer compartment: EEI 125%. <p>From 1 March 2024:</p> <ul style="list-style-type: none"> - Special low-noise refrigerating appliances with storage compartment(s) for fresh food: EEI 312%. - Low-noise refrigerators with transparent doors: EEI 300%. - Other low-noise refrigerating appliances, except low-noise combined appliances with freezer compartment: EEI 250%. - Wine storage cabinets with transparent doors: EEI 172%. - Other wine storage cabinets: EEI 140%. - Other refrigerating appliances, except low-noise combined appliances with freezer compartment: EEI 100%. <p>The methods of measurement and calculation are set out in Annex III.</p> <p>Additional information: RE (EU) 2019/2019 Annex II_21-05 RE (EU) 2019/2019 Annex III_21-05 VO (EU) 2019/2019 Anhang II_21-05 VO (EU) 2019/2019 Anhang III_21-05</p>	VO (EU) 2019/2019	Art. 3 + Anhang II und Anhang III

Category: Electric appliances/Electronic/Multimedia

21-11

Author: Träger

Product: Elektro_Elektronik_Multimedia/
Electric

appliances_Electronic_Multimedia

Cooling-/freezing devices

Article No.:

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

req. no.	Statutory requirement	Law	Article
50874	<p>The following functional requirements apply to refrigeration appliances:</p> <ul style="list-style-type: none"> - A quick freeze function, which is achieved by changing the temperature settings, shall automatically revert to the previous standard storage conditions after 72 hours at the latest after it has been activated. - Each compartment has a symbol for identification: stars for freezer compartments and symbols for food optimally stored there for refrigerator compartments. - Included vacuum insulation panels must be clearly marked with "VIP". - Two-star sub-compartments or two-star compartments are separated from three-star or four-star compartments by a partition or by a container. - Two-star sub-compartments or compartments shall not occupy more than 20% of the total volume of the surrounding compartment. - Four-star compartments shall have a specific freezing capacity such that the freezing time required to reduce the temperature of the light load (3,5 kg/100 l) from 25 °C to - 18 °C at an ambient temperature of 25 °C is not more than 18,5 hours. <p>However, only from 1 March 2024 the following requirements shall apply to combined appliances with a single electromagnetic thermostat and a single compressor which are not equipped with an electronic control:</p> <ul style="list-style-type: none"> - A quick freeze function achieved by changing the temperature settings shall automatically revert to the previous standard storage conditions after 72 hours at the latest after it has been activated. - Each compartment has a symbol for identification: stars for freezer compartments and symbols for food optimally stored there for refrigerator compartments. <p>Additional information: RE (EU) 2019/2019 Annex III_21-05 VO (EU) 2019/2019 Anhang III_21-05</p>	VO (EU) 2019/2019	Art. 3 + Anhang III
50875	<p>For refrigeration appliances, the following resource efficiency requirements apply to manufacturers, importers and authorised representatives:</p> <ul style="list-style-type: none"> - Certain spare parts referred to in Annex II No 3 (a) shall be capable of being made available for at least 7 to 10 years under the conditions specified therein. - Spare parts must be replaceable with normally available tools. - It must be possible to supply the spare parts within 15 working days. - Two years after the last placing on the market of a model, repair and maintenance information shall be accessible under the conditions specified in Annex II No 3 (b). - Materials and components referred to in Annex VII to Directive 2012/19/EU must be removable with commonly available tools <p>Additional information: RE (EU) 2019/2019 Annex II_21-05 VO (EU) 2019/2019 Anhang II_21-05</p>	VO (EU) 2019/2019	Art. 3 + Anhang II

Category: Electric appliances/Electronic/Multimedia

21-11

Author: Träger

Product: Elektro_Elektronik_Multimedia/
Electric

appliances_Electronic_Multimedia

Cooling-/freezing devices

Article No.:

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

req. no.	Statutory requirement	Law	Article
50876	<p>The following information requirements shall apply to refrigeration appliances: Manuals for installers and end-users as well as freely accessible websites of manufacturers, importers and authorised representatives shall contain the information set out in Annex II, point 4</p> <p>Additional information: RE (EU) 2019/2019 Annex II_21-05 VO (EU) 2019/2019 Anhang II_21-05</p>	VO (EU) 2019/2019	Art. 3 + Anhang II
50877	The conformity assessment procedure referred to in Article 8 of Directive 2009/125/EC shall be the internal design control system set out in Annex IV to that Directive or the management system set out in Annex V to that Directive.	VO (EU) 2019/2019	Art. 4 Abs. 1
50878	<p>The technical documentation of mains-operated refrigerating appliances shall include a copy of the product information (Annex III No. 4), as well as details and results of the calculations according to Annex III.</p> <p>The technical documentation shall contain claims in accordance with Annex VI in the order specified therein.</p> <p>Where the information in the technical documentation has been based on data from an equivalent model from the same or another manufacturer, the details of the calculation shall be given in the technical documentation. The assessment of the accuracy of the calculation and, where appropriate, the declaration of equivalence of models from different manufacturers shall also be provided.</p> <p>The technical documentation shall include a list of equivalent models and their model identifiers.</p>	VO (EU) 2019/2019	Art. 4 Abs. 2 - 4
50879	The manufacturer, importer or authorised representative shall not place on the market products designed to be able to detect they are being tested (e.g. by recognising the test conditions or test cycle), and to react specifically by automatically altering their performance during the test with the aim of reaching a more favourable level for any of the parameters declared by the manufacturer, importer or authorised representative in the technical documentation or included in any of the documentation provided.	VO (EU) 2019/2019	Art. 6 Satz 1
50881	<p>The energy consumption of the product and any of the other declared parameters shall not deteriorate after a software or firmware update when measured with the same test standard originally used for the declaration of conformity, except with explicit consent of the end-user prior to update.</p> <p>A software update shall never have the effect of changing the product's performance in a way that makes it non-compliant with the ecodesign requirements applicable for the declaration of conformity.</p>	VO (EU) 2019/2019	Art. 6 Satz 2,3

Category: Electric appliances/Electronic/Multimedia

21-11

Author: Träger

Product: Elektro_Elektronik_Multimedia/
Electric

appliances_Electronic_Multimedia

Cooling-/freezing devices

Article No.:

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

req. no.	Statutory requirement	Law	Article
50870	<p>Mains operated refrigerating appliances placed on the market with a total volume of more than 10 litres and not more than 1500 litres shall bear the energy label.</p> <p>Manufacturers and suppliers shall ensure that</p> <ul style="list-style-type: none"> - Each refrigeration appliance is supplied with a printed energy label in accordance with Annex III. - The parameters of the product data sheet (Annex V) are entered into the product database. - If requested by the retailer, the product data sheet is provided in printed form. - Distributors shall be provided with an electronic energy label for each refrigeration appliance model (Annex III). - Content of the technical documentation (Annex VI) is entered into the product database. - an electronic product fiche is provided to distributors for each model - visual advertising shall include the energy efficiency class of the model and the range of energy efficiency classes available (Annexes VII and VIII) - any technical promotional material with specific technical parameters shall contain the energy efficiency class of the model and the available range of energy efficiency classes <p>From 1 March 2022, the obligation to indicate the energy efficiency class for the light source parameters will apply.</p> <p>Additional information: RE (EU) 2019/2016_21-05 VO (EU) 2019/2016_21-05</p>	VO (EU) 2019/2016	Art. 3
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
5217	<p>The use of partly halogenated CFCs as coolant in household refrigerators and deep-freezes is prohibited.</p>	ChemOzonSchi chtV	Art. 6

Category: Electric appliances/Electronic/Multimedia

21-11

Author: Träger

Product: Elektro_Elektronik_Multimedia/
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appliances_Electronic_Multimedia

Cooling-/freezing devices

Article No.:

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

req. no.	Statutory requirement	Law	Article
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
100815	The following notes are stated on the back of the device and in the manual instruction. - 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	The manual instruction must contain the following remarks: - 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	



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		Author: Träger	
		Product:Elektro_Elektronik_Multimedia/ Electric appliances_Electronic_Multimedia	
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

21-11

Author: Träger

Product: Elektro_Elektronik_Multimedia/
Electric

appliances_Electronic_Multimedia

Article No.:

Lamps/illuminant

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
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	
50911	The manufacturer, importer or authorised representative shall not place on the market products designed to be able to detect they are being tested (e.g. by recognising the test conditions or test cycle), and to react specifically by automatically altering their performance during the test with the aim of reaching a more favourable level for any of the parameters declared by the manufacturer, importer or authorised representative in the technical documentation or included in any of the documentation provided.	VO (EU) 2019/2020	Artikel 7 Satz 1
50912	The energy consumption of the product and any of the other declared parameters shall not deteriorate after a software or firmware update when measured with the same test standard originally used for the declaration of conformity, except with explicit consent of the end-user prior to the update. A software update shall never have the effect of changing the product's performance in a way that makes it non-compliant with the ecodesign requirements applicable for the declaration of conformity.	VO (EU) 2019/2020	Artikel 7 Satz 2, 3
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
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	

Category: Electric appliances/Electronic/Multimedia

21-11

Author: Träger

Product:Elektro_Elektronik_Multimedia/
Electric

appliances_Electronic_Multimedia

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
50886	<p>Suppliers of light sources shall ensure that the parameters of the product fiche (Annex V) are entered in the public part of the product database.</p> <p>Suppliers of light sources shall ensure that:</p> <ul style="list-style-type: none"> - the energy label of light sources sold in a package is printed on this package - the content of the technical documentation (Annex VI) is entered into the product database - any visually perceptible advertising and technical promotional material for a particular model (including on the Internet) includes the energy efficiency class of the model and the range of classes available (Annexes VII and VIII) - an electronic energy label and electronic product fiche is made available to dealers for each model - a printed product fiche is made available to dealers on request. <p>if distributors need a printed energy label to replace old energy labels on the sales floor, it shall be made available to them in an appropriate size.</p> <p>Additional information: RE (EU) 2019/2015_21-05 VO (EU) 2019/2015_21-05</p>	VO (EU) 2019/2015	Artikel 3 Abs. 1, 1a
50906	<p>The ecodesign requirements of light sources, control gear and surrounding products set out in Annex II shall apply from the dates indicated therein.</p> <p>Additional information: RE (EU) 2019/2020_21-05 VO (EU) 2019/2020_21-05</p>	VO (EU) 2019/2020	Artikel 2, 3, 12, Anhang II



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Author: Träger

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appliances_Electronic_Multimedia

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
50907	<p>Manufacturers, importers or authorised representatives of containing products shall ensure that light sources and separate control gears can be replaced with the use of common available tools and without permanent damage to the containing product, unless a technical justification related to the functionality of the containing product is provided in the technical documentation explaining why the replacement of light sources and separate control gear is not appropriate.</p> <p>The technical documentation shall also provide instructions on how light sources and separate control gears can be removed without being permanently damaged for verification purposes by market surveillance authorities.</p> <p>Manufacturers, importers or authorised representatives of containing products shall ensure that light sources and separate control gears can be dismantled from containing products at end of life. Dismantling instructions shall be available on a free access website.</p>	VO (EU) 2019/2020	Artikel 4 Abs. 1 und 3
50909	<p>Manufacturers, importers or authorised representatives of containing products shall provide information about the replaceability or non-replaceability of light sources and control gears by end-users or qualified persons without permanent damage to the containing product. Such information shall be available on a free-access website. For products sold directly to end-users, this information shall be on the packaging, at least in the form of a pictogram, and in the user instructions.</p>	VO (EU) 2019/2020	Artikel 4 Absatz 2
50910	<p>The conformity assessment procedure must be carried out for light sources, control gear and surrounding products (internal design control or quality management system).</p> <p>The technical documentation contains the information from Article 4 and Annex VI of Regulation (EU) 2019/2015.</p> <p>Additional information: RE (EU) 2019/2015_21-05 RE (EU) 2019/2020_21-05 VO (EU) 2019/2015_21-05 VO (EU) 2019/2020_21-05</p>	VO (EU) 2019/2020	Artikel 5, VO (EU) 2019/2015 Art 4, Anhang VI



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21-11

Author: Träger

Product:Elektro_Elektronik_Multimedia/
Electric

appliances_Electronic_Multimedia

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	



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21-11

Author: Träger

Product:Elektro_Elektronik_Multimedia/
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appliances_Electronic_Multimedia

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

21-11

Author: Träger

Product: Elektro_Elektronik_Multimedia/
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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	
50615	Handlamps with power connector (max. 250 V) have to fulfill the requirements of DIN EN 60598-2-8.	DIN EN 60598-2-8	
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	
80106	Portable luminaires for garden use fulfill the requirements of DIN EN 60598-2-4.	DIN EN 60598-2-4	
50887	From Mars 1, 2022: Suppliers of containing products shall: - provide information on the contained light source(s), as specified in point 2 of Annex V; - upon request by market surveillance authorities, provide information on how light sources can be removed for verification without permanent damage to the light source. Additional information: RE (EU) 2019/2015_21-05 VO (EU) 2019/2015_21-05	VO (EU) 2019/2015	Artikel 3 Abs. 2

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21-11

Author: Träger

Product: Elektro_Elektronik_Multimedia/
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Light chains

Article No.:

req. no.	Statutory requirement	Law	Article
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	
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	
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
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
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
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

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Author: Träger

Product:Elektro_Elektronik_Multimedia/
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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	
50928	The mercury bans and mercury limit values of Regulation (EU) 2017/852 must be observed. Additional information: RE (EU) 2017/852_20-11 VO (EU) 2017/852_20-11	VO (EU) 2017/852	



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Author: Träger

Product:Elektro_Elektronik_Multimedia/
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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

21-11

Author: Träger

Product:Elektro_Elektronik_Multimedia/
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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	



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Product:Elektro_Elektronik_Multimedia/
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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
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 14676-1 und DIN 14676-2	
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	

Category: Electric appliances/Electronic/Multimedia

21-11

Author: Träger

Product: Elektro_Elektronik_Multimedia/
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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. <p>a) a reference that the product or equipment contains fluorinated greenhouse gases or that its functioning relies upon such gases;</p> <p>b) the accepted industry designation for the fluorinated greenhouse gases concerned or, if no such designation is available, the chemical name;</p> <p>c) from 1 January 2017, the quantity expressed in weight and in CO₂ 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;</p> <p>d) where applicable: a reference that the fluorinated greenhouse gases are contained in hermetically sealed equipment.</p>	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	

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21-11

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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: RE (EU) No 626/2011_21-05 VO (EU) Nr. 626/2011_21-05</p>	Del VO (EU) Nr. 626/2011	Artikel 1

Category: Electric appliances/Electronic/Multimedia

21-11

Author: Träger

Product:Elektro_Elektronik_Multimedia/
Electric

appliances_Electronic_Multimedia

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: RE (EU) No 626/2011_21-05 VO (EU) Nr. 626/2011_21-05</p>	Del VO (EU) Nr. 626/2011	Artikel 3

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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 ithe 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 with 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
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



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	Product:Elektro_Elektronik_Multimedia/ Electric appliances_Electronic_Multimedia
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	



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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	
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:</p> <ul style="list-style-type: none"> 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>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 fulfill the requirements of norm DIN EN 60312	DIN EN 60312	

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**Submersible pumps, used for paddling- and swimming-
pools**

Article No.:

for paddling pools and swimming pools

req. no.	Statutory requirement	Law	Article
80023	For electric diving pumps the safety requirements contained in norm DIN EN 60335-2-41 are to be adhered to.	DIN EN 60335-2-41; VDE 0700-41:2010-11	
5202	Submersible pumps, used for paddling- and swimming-pools must adhere to Protection Class III and be equipped with protective insulation (analog DIN EN 61140).	DIN EN 61140	
50583	<p>a) From 1 January 2013, water pumps shall have a minimum efficiency:</p> <ul style="list-style-type: none"> - at the best efficiency point (BEP) of at least (η_{BEP}) min requ, when measured according to Annex III, and calculated with the C-value for MEI = 0,1, according to Annex III, - a minimum efficiency at part load (PL) of at least (η_{PL}) min requ when measured according to Annex III, and calculated with the C-value for MEI = 0,1, according to Annex III, - a minimum efficiency at over load (OL) of at least (η_{OL}) min requ when measured according to Annex III and calculated with the C-value for MEI = 0,1, according to Annex III. <p>b) From 1 January 2015, water pumps shall have:</p> <ul style="list-style-type: none"> - a minimum efficiency at the best efficiency point (BEP) of at least (η_{BEP}) min requ when measured according to Annex III and calculated with the C-value for MEI = 0,4, according to Annex III, - a minimum efficiency at part load (PL) of at least (η_{PL}) min requ when measured according to Annex III and calculated with the C-value for MEI = 0,4, according to Annex III, - a minimum efficiency at over load (OL) of at least (η_{OL}) min requ when measured according to Annex III and calculated with the C-value for MEI = 0,4, according to Annex III. <p>Additional information: CR (EU) No 547/2012 ecodesign for water pumps Annex II_12-11 VO (EU) Nr. 547/2012 Umweltgerechte Gestaltung von Wasserpumpen Anhang II_12-11</p>	VO (EU) Nr. 547/2012	Art. 3
50585	<p>The measurement and calculation for determining and review of the effectiveness and the efficiency of water pumps shall be measured and calculated in accordance with requirements set out in Annex III.</p> <p>(At the time of entry into force of this Regulation, the indicative benchmark for the best available technology on the market for water pumps is a minimum efficiency index (MEI) $\geq 0,70$.)</p> <p>Additional information: CR (EU) No 547/2012 ecodesign for water pumps Annex III_12-11 VO (EU) Nr. 547/2012 Umweltgerechte Gestaltung v. Wasserpumpen Anhang III_12-11</p>	VO (EU) Nr. 547/2012	Art. 3 und 6
50584	For Water pumps a conformity process must be carried out, a declaration of conformity must be issued and a CE-label must be applied.	VO (EU) Nr. 547/2012	Art. 4



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Toaster

Article No.:

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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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	

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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	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. The individual requirements must be adhered to from 1. Jan. 2013 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	VO (EU) Nr. 206/2012	Artikel 1 und 3
50376	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. Exceptions: - 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 . The individual requirements regarding energy efficiency and product information are to be fulfilled from 1. Jan 2013, respectively from 1 Jan. 2015. An evaluation and declaration of conformity is to be produced in writing, respectively presented. Additional information: CR (EU) No 327/2011 Annex I_11-04 VO (EU) Nr. 327/2011 Ventilatoren Anhang I_11-04	VO (EU) Nr. 327/2011	Art. 1



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Water-heater

Article No.:

req. no.	Statutory requirement	Law	Article
50468	Water boilers must fulfil the requirements of norm DIN EN 60335-2-15	DIN EN 60335-2-15	
50407	Water-heater must adhere the requirements of 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	