

SCHEDULE 4

Regulation 5

Exemptions

Specified approvals

1.—(1) Chapter 2 of Part 2 of these Regulations does not apply to light sources and separate control gears specifically tested and approved to operate—

- (a) in potentially explosive atmospheres, within the meaning of regulation 2(1) of the Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016(1);
- (b) for emergency use;
- (c) in radiological installations, within the meaning of regulation 2(1) of the Ionising Radiation (Medical Exposure) Regulations 2017(2);
- (d) in or on military or civil defence establishments, equipment, ground vehicles, marine equipment or aircraft;
- (e) in or on motor vehicles, their trailers and systems, interchangeable towed equipment, components and separate technical units as set out in—
 - (i) Regulation (EC) No 661/2009 of the European Parliament and of the Council of 13 July 2009(3) concerning type-approval requirements for the general safety of motor vehicles, their trailers and systems, components and separate technical units intended therefor;
 - (ii) agricultural and forestry vehicles as set out in Regulation (EU) No 167/2013 of the European Parliament and of the Council of 5 February 2013(4) on the approval and market surveillance of agricultural and forestry vehicles;
 - (iii) two- or three-wheel vehicles and quadricycles as set out in Regulation (EU) No 168/2013 of the European Parliament and of the Council of 15 January 2013(5) on the approval and market surveillance of two- or three-wheel vehicles and quadricycles;
- (f) in or on non-road mobile machinery as set out in Regulation (EU) 2016/1628 of the European Parliament and of the Council of 14 September 2016(6) on requirements relating to gaseous and particulate pollutant emission limits and type-approval for internal combustion engines for non-road mobile machinery, and in or on trailers for such machinery;
- (g) in or on interchangeable equipment within the meaning of regulation 2(1) of the Supply of Machinery (Safety) Regulations 2008(7) that—
 - (i) is intended to be—
 - (aa) towed; or
 - (bb) mounted and fully raised from the ground,by vehicles as set out in Regulation (EU) No 167/2013 (agricultural and forestry vehicles); or

(1) S.I. 2016/1107.

(2) S.I. 2017/1322.

(3) EUR 2009/661.

(4) EUR 2013/167.

(5) EUR 2013/168.

(6) EUR 2016/1628.

(7) S.I. 2008/1597.

- (ii) cannot articulate around a vertical axis when the agricultural or forestry vehicle to which it is attached is in use on a road;
 - (h) in or on civil aviation aircraft;
 - (i) in railway vehicle lighting, and for this purpose “railway vehicle” is construed in accordance with regulation 2(1) of the Railways (Interoperability) Regulations 2011⁽⁸⁾;
 - (j) in marine equipment, within the meaning of regulation 2(1) of the Merchant Shipping (Marine Equipment) Regulations 2016⁽⁹⁾; or
 - (k) in medical devices, within the meaning of regulation 2(1) of the Medical Devices Regulations 2002⁽¹⁰⁾.
- (2) For the purposes of this paragraph “specifically tested and approved” means that, in relation to an operating condition or application, the light source or separate control gear—
- (a) has been specifically tested for that operating condition or application, in accordance with standards produced by an international standardising body;
 - (b) is accompanied by evidence in the form of a—
 - (i) certificate;
 - (ii) type approval mark; or
 - (iii) test report,
 that the product has been specifically approved for that operating condition or application; and
 - (c) is placed on the market specifically for that operating condition or application, as evidenced by—
 - (i) the information in the technical documentation; and
 - (ii) except in a case to which sub-paragraph (1)(d) applies, information on the packaging and any advertising or marketing materials.
- (3) The evidence referred to in sub-paragraph (2)(b) must be included in the technical documentation.

Additional exemptions

2. Chapter 2 of Part 2 of these Regulations does not apply to—
- (a) double-capped fluorescent T5 light sources with power $P \leq 13$ W;
 - (b) electronic displays (such as televisions, computer monitors, notebooks, tablets, mobile phones, e-readers, game consoles), including displays to which the following provisions apply—
 - (i) Chapter 7 of Part 2 of the Ecodesign for Energy-Related Products and Energy Information Regulations 2021⁽¹¹⁾;
 - (ii) [Commission Regulation \(EU\) No 617/2013](#) of 26 June 2013⁽¹²⁾ implementing [Directive 2009/125/EC](#) of the European Parliament and of the Council with regard to ecodesign requirements for computers and computer servers;
 - (c) light sources and separate control gears in battery-operated products, including—
 - (i) torches;

⁽⁸⁾ [S.I. 2011/3066](#).

⁽⁹⁾ [S.I. 2016/1025](#), as amended by [S.I. 2019/470](#).

⁽¹⁰⁾ [S.I. 2002/618](#); relevant amending instruments are [S.I. 2008/2936](#) and [2019/791](#).

⁽¹¹⁾ [S.I. 2021/745](#).

⁽¹²⁾ [EUR 2013/617](#), as amended by [S.I. 2019/539](#).

- (ii) mobile phones with an integrated torch light;
- (iii) toys with included light sources;
- (iv) desk lamps operating only on batteries;
- (v) armband lamps for cyclists;
- (vi) solar-powered garden lamps;
- (d) light sources for spectroscopy and photometric applications, including—
 - (i) UV-VIS spectroscopy;
 - (ii) molecular spectroscopy;
 - (iii) atomic absorption spectroscopy;
 - (iv) nondispersive infrared (NDIR);
 - (v) fourier-transform infrared (FTIR);
 - (vi) medical analysis;
 - (vii) ellipsometry;
 - (viii) layer thickness measurement;
 - (ix) process monitoring;
 - (x) environmental monitoring;
- (e) light sources and separate control gears on bicycles and other non-motorised vehicles.

Limited exemptions

3.—(1) Subject to sub-paragraph (5), Chapter 2 of Part 2 of these Regulations does not apply to light sources and separate control gears which are specifically designed and marketed for intended use in any of the applications listed in sub-paragraph (2).

(2) The applications referred to in sub-paragraph (1) are—

- (a) signalling (including road, railway, marine or air traffic signalling, traffic control or airfield lamps);
- (b) image capture and image projection (including photocopying, printing (directly or in pre-processing), lithography, film and video projection, holography);
- (c) light sources with specific effective ultraviolet power > 2 mW/klm and intended for use in applications requiring high UV-content;
- (d) light sources with a peak radiation around 253.7 nm and intended for germicidal use (destruction of DNA);
- (e) light sources intended for disinfection or fly trapping, and emitting—
 - (i) 5% or more of total radiation power of the range 250-800 nm in the range of 250-315 nm; or
 - (ii) 20% or more of total radiation power of the range 250-800 nm in the range of 315-400 nm;
- (f) light sources with the primary purpose of emitting radiation around 185.1 nm and intended to be used for the generation of ozone;
- (g) light sources emitting 40% or more of total radiation power of the range 250-800 nm in the range of 400-480 nm, and intended for coral zooxanthellae symbioses;
- (h) FL light sources emitting 80% or more of total radiation power of the range 250-800 nm in the range of 250-400 nm, and intended for sun-tanning;

- (i) HID light sources emitting 40% or more of total radiation power of the range 250-800 nm in the range of 250-400 nm, and intended for sun-tanning;
- (j) light sources with a photosynthetic efficacy $> 1.2 \mu\text{mol/J}$, and/or emitting 25% or more of total radiation power of the range 250-800 nm in the range of 700-800 nm, and intended for use in horticulture;
- (k) HID light sources with correlated colour temperature CCT $> 7,000\text{K}$ and intended for use in applications requiring such a high CCT;
- (l) light sources with a beam angle of less than 10° and intended for spot-lighting applications requiring a very narrow light beam;
- (m) halogen light sources with cap-type G9.5, GX9.5, GY9.5, GZ9.5, GZX9.5, GZY9.5, GZZ9.5, K39d, G9.5HPL, G16d, GES/E40 (low voltage (24V) silver crown only), GX16, GX16d, GY16, G22, G38, GX38, GX38Q, P28s, P40s, PGJX28, PGJX 36, PGJX50, R7s with a luminous flux $> 12\,000 \text{ lm}$, QXL, designed and marketed specifically for
 - (i) scene-lighting use in film studios, TV studios, and photographic studios; or
 - (ii) stage-lighting use in theatres, discos and during concerts or other entertainment events;
- (n) colour-tuneable light sources that—
 - (i) can be set to at least the colours listed in the following table;
 - (ii) have for each of these colours, measured at the dominant wavelength, a minimum excitation purity of the values in that table; and
 - (iii) are intended for use in applications requiring high-quality coloured light;

Blue	440nm — 490nm	90%
Green	520nm — 570nm	65%
Red	610nm — 670nm	95%

- (o) light sources accompanied by an individual calibration certificate detailing the exact radiometric flux and/or spectrum under specified conditions, and intended for—
 - (i) use in photometric calibration (for example for wavelength, flux, colour temperature, colour rendering index); or
 - (ii) laboratory use or quality control applications for the evaluation of coloured surfaces and materials under standard viewing conditions (for example standard illuminants);
- (p) light sources provided specifically for use by photosensitive patients, to be sold in pharmacies and other authorised selling points (such as suppliers of disability products), upon presentation of a medical prescription;
- (q) incandescent light sources (not including halogen light sources) which meet all of the following conditions—
 - (i) power $\leq 40 \text{ W}$;
 - (ii) length $\leq 60 \text{ mm}$;
 - (iii) diameter $\leq 30 \text{ mm}$;
 - (iv) declared by the manufacturer to be suitable for operation at ambient temperature $\geq 300^\circ\text{C}$;
 - (v) intended for use in high temperature applications such as ovens;
- (r) halogen light sources which meet all of the following conditions—
 - (i) cap-type G4, GY6.35 or G9;

- (ii) power ≤ 60 W;
- (iii) declared suitable for operation at ambient temperature $\geq 300^{\circ}\text{C}$;
- (iv) intended for use in high temperature applications such as ovens;
- (s) incandescent light sources which—
 - (i) have one or more of the following—
 - (aa) blade contact;
 - (bb) metal lug;
 - (cc) cable;
 - (dd) litz wire;
 - (ee) metric thread;
 - (ff) pin base;
 - (gg) non-standard customised electrical interface;
 - (ii) have encasing made from quartz glass tubes; and
 - (iii) are specifically designed and marketed for industrial or professional electro-heating equipment (such as stretch blow-moulding process in polyethylene terephthalate (PET) industry, 3D-printing, photovoltaic and electronic manufacturing processes, drying or hardening of adhesives, inks, paints or coatings);
- (t) halogen light sources which meet all of the following conditions—
 - (i) R7s cap;
 - (ii) CCT $\leq 2,500\text{K}$;
 - (iii) length not in the ranges 75-80 mm and 110-120 mm;
 - (iv) specifically designed and marketed for industrial or professional electro-heating equipment (such as stretch blow-moulding process in PET industry, 3D-printing, gluing, inks, paint and coating hardening);
- (u) single capped fluorescent lamps (CFLni) having a diameter of 16 mm (T5), 2G11 4 pin base, with
 - (i) CCT = 3,200K and chromaticity coordinates $x = 0.415$ $y = 0.377$; or
 - (ii) CCT = 5,500K and chromaticity coordinates $x = 0.330$ $y = 0.335$,specifically designed and marketed for studio and video applications for traditional filmmaking;
- (v) LED or OLED light sources which are “work” within the meaning of regulation 4 of the Artist’s Resale Rights Regulations 2006(13), and are made by the artist in a limited number below 10 pieces;
- (w) light sources which—
 - (i) are specifically designed and exclusively marketed for scene-lighting use in film-studios, TV-studios and locations, and photographic-studios and locations, or for stage-lighting use in theatres, during concerts or other entertainment events; and
 - (ii) meet at least one of the following specifications—
 - (aa) LED with power ≥ 100 W and CRI > 90 ;
 - (bb) GES/E40, K39d socket with changeable Colour Temperature down to 1,800K (undimmed), used with low voltage power supply;

(13) S.I. 2006/346.

- (cc) LED with power ≥ 180 W and arranged to direct output to an area smaller than the light-emitting surface;
 - (dd) incandescent light source that is DWE type and has 650 W power, 120 V voltage and pressure screw terminal;
 - (ee) LED with power ≥ 100 W that allows the user to set different correlated colour temperatures for the emitted light;
 - (ff) LFL T5 with G5 cap with CRI ≥ 85 and CCT 2,900, 3,000, 3,200, 5,600 or 6,500 K;
- (x) incandescent DLS which meets all the following conditions—
- (i) E27 cap;
 - (ii) clear envelope;
 - (iii) power ≥ 100 W and ≤ 400 W;
 - (iv) CCT $\leq 2,500$ K;
 - (v) specifically designed and exclusively marketed for infrared heating.
- (3) CLS and CSCG designed and marketed specifically—
- (a) for—
 - (i) scene-lighting use in film-studios, TV-studios and locations, and photographic studios and locations; or
 - (ii) stage-lighting use in theatres, discos and during concerts or other entertainment events;
 - (b) where these are also designed for connection to high speed control networks (utilising signalling rates of 250,000 bits per second and higher) in always-listening mode,
- are exempt from the requirements on standby (P_{sb}) and on networked standby (P_{net}) in paragraphs 1 and 2 of Schedule 3.
- (4) The following light sources are exempt from the requirements regarding lumen maintenance factor and survival factor specified in Table 5 in Schedule 3, and from the lifetime information requirement specified in paragraph 6(2)(e) of that Schedule—
- (a) light sources specifically designed and exclusively marketed for use in products within the scope of [Commission Regulation \(EU\) No 932/2012](#) of 3 October 2012⁽¹⁴⁾ implementing [Directive 2009/125/EC](#) of the European Parliament and of the Council with regard to eco-design requirements for household tumble driers;
 - (b) light sources specifically designed and exclusively marketed for use in products to which the following provisions of the Ecodesign for Energy-Related Products and Energy Information Regulations 2021 apply—
 - (i) Chapter 3 of Part 2 (household dishwashers);
 - (ii) Chapter 4 of Part 2 (household washing machines and washer dryers);
 - (iii) Chapter 5 of Part 2 (household refrigerating appliances).
- (5) Light sources and control gears to which sub-paragraph (2) applies must comply with the information requirements in paragraph 10 of Schedule 3.

⁽¹⁴⁾ EUR 2012/932, as amended by [S.I. 2019/539](#).