

Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (recast) (Text with EEA relevance)

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ANNEX I

Categories of EEE covered by this Directive

1. Large household appliances.
2. Small household appliances.
3. IT and telecommunications equipment.
4. Consumer equipment.

5. Lighting equipment.
6. Electrical and electronic tools.
7. Toys, leisure and sports equipment.
8. Medical devices.
9. Monitoring and control instruments including industrial monitoring and control instruments....
10. Automatic dispensers.
11. Other EEE not covered by any of the categories above....

## ANNEX II

Restricted substances referred to in Article 4(1) and maximum concentration values tolerated by weight in homogeneous materials

Lead (0,1 %) Mercury (0,1 %) Cadmium (0,01 %) Hexavalent...  
The restriction of DEHP, BBP, DBP and DIBP shall apply...  
The restriction of DEHP, BBP, DBP and DIBP shall not...  
The restriction of DEHP, BBP and DBP shall not apply...

## ANNEX III

## ANNEX IV

Applications exempted from the restriction in Article 4(1) specific to medical devices and monitoring and control instruments

Equipment utilising or detecting ionising radiation

1. Lead, cadmium and mercury in detectors for ionising radiation.
  2. Lead bearings in X-ray tubes.
  3. Lead in electromagnetic radiation amplification devices: micro-channel plate and capillary...
  4. Lead in glass frit of X-ray tubes and image intensifiers...
  5. Lead in shielding for ionising radiation.
  6. Lead in X-ray test objects.
  7. Lead stearate X-ray diffraction crystals.
  8. Radioactive cadmium isotope source for portable X-ray fluorescence spectrometers.
- Sensors, detectors and electrodes
- 1a. Lead and cadmium in ion selective electrodes including glass of...
  - 1b. Lead anodes in electrochemical oxygen sensors.
  - 1c. Lead, cadmium and mercury in infra-red light detectors.
  - 1d. Mercury in reference electrodes: low chloride mercury chloride, mercury sulphate...

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#### Others

9. Cadmium in helium-cadmium lasers.
10. Lead and cadmium in atomic absorption spectroscopy lamps.
11. Lead in alloys as a superconductor and thermal conductor in...
12. Lead and cadmium in metallic bonds creating superconducting magnetic circuits...
13. Lead in counterweights.
14. Lead in single crystal piezoelectric materials for ultrasonic transducers.
15. Lead in solders for bonding to ultrasonic transducers.
16. Mercury in very high accuracy capacitance and loss measurement bridges...
17. Lead in solders in portable emergency defibrillators.
18. Lead in solders of high performance infrared imaging modules to...
19. Lead in Liquid crystal on silicon (LCoS) displays.
20. Cadmium in X-ray measurement filters.
21. Cadmium in phosphor coatings in image intensifiers for X-ray images...
22. Lead acetate marker for use in stereotactic head frames for...
23. Lead as an alloying element for bearings and wear surfaces...
24. Lead enabling vacuum tight connections between aluminium and steel in...
25. Lead in the surface coatings of pin connector systems requiring...
26. Lead in the following applications that are used durably at...
27. Lead in
28. Lead in solders for mounting cadmium telluride and cadmium zinc...
29. Lead in alloys, as a superconductor or thermal conductor, used...
30. Hexavalent chromium in alkali dispensers used to create photocathodes in...
31. . . . .
- 31a. Lead, cadmium, hexavalent chromium, and polybrominated diphenyl ethers (PBDE) in...
32. Lead in solders on printed circuit boards of detectors and...
33. Lead in solders on populated printed circuit boards used in...
34. Lead as an activator in the fluorescent powder of discharge...
35. Mercury in cold cathode fluorescent lamps for back-lighting liquid crystal...
36. Lead used in other than C-press compliant pin connector systems...
37. Lead in platinized platinum electrodes used for conductivity measurements where...
38. Lead in solder in one interface of large area stacked...
39. Lead in micro-channel plates (MCPs) used in equipment where at...
40. Lead in dielectric ceramic in capacitors for a rated voltage...
41. Lead as a thermal stabiliser in polyvinyl chloride (PVC) used...
42. Mercury in electric rotating connectors used in intravascular ultrasound imaging...
43. Cadmium anodes in Hersch cells for oxygen sensors used in...

#### ANNEX V

Applications for granting, renewing and revoking exemptions as referred to in Article 5

Applications for exemptions, renewal of exemptions or, mutatis mutandis, for...  
the name, address and contact details of the applicant;  
information...

## ANNEX VI

### EU DECLARATION OF CONFORMITY

1. No ... (unique identification of the EEE):
2. Name and address of the manufacturer or his authorised representative:...
3. This declaration of conformity is issued under the sole responsibility...
4. Object of the declaration (identification of EEE allowing traceability. It...
5. The object of the declaration described above is in conformity...
6. Where applicable, references to the relevant harmonised standards used or...
7. Additional information:  
Signed for and on behalf of: ...  
(place and date of issue):  
(name, function) (signature):

## ANNEX VII

### PART A

### PART B

## ANNEX VIII

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- (1) OJ C 306, 16.12.2009, p. 36.
- (2) OJ C 141, 29.5.2010, p. 55.
- (3) Position of the European Parliament of 24 November 2010 (not yet published in the Official Journal) and decision of the Council of 27 May 2011.
- (4) OJ L 37, 13.2.2003, p. 19.
- (5) OJ L 312, 22.11.2008, p. 3.
- (6) OJ C 30, 4.2.1988, p. 1.
- (7) OJ L 158, 30.4.2004, p. 7.
- (8) OJ L 37, 13.2.2003, p. 24.
- (9) OJ L 396, 30.12.2006, p. 1.
- (10) OJ L 285, 31.10.2009, p. 10.
- (11) OJ L 266, 26.9.2006, p. 1.
- (12) OJ L 140, 5.6.2009, p. 16.
- (13) OJ L 169, 12.7.1993, p. 1.
- (14) OJ L 331, 7.12.1998, p. 1.
- (15) OJ L 218, 13.8.2008, p. 82.
- (16) OJ L 218, 13.8.2008, p. 30.
- (17) OJ L 55, 28.2.2011, p. 13.
- (18) OJ C 321, 31.12.2003, p. 1.