

## RoHS Compliance Statement

### RoHS Directive

**Directive 2002/95/EC (RoHS 1)** took effect on 1 July 2006 and restricts the use of ten hazardous materials in the manufacture of electrical and electronic equipment.

**Directive 2011/65/EU (called CE-marking directive)** replaced **Directive 2002/95/EC (RoHS 1)** and entered into force on 21 July 2011. Known as **RoHS II**, this expanded the scope of products covered and imposed new obligations on EEE manufacturers to prepare EU declaration of conformity and affix CE markings on finished products.

On 4 June 2015 a new **Directive (EU) 2015/863** was published amending Annex II of RoHS II (Directive 2011/65/EU) adding Category 11 products and four phthalates; DEHP, BBP, DBP and DIBP to the list of restricted substances. The 4 phthalates are mainly used as insulation plasticizers, and are on the REACH list of SVHC (Substances of Very High Concern). Totally, 10 hazardous substances will now be restricted in EEE under RoHS

### Restricted Substances under EU RoHS

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

Restricted Substances	Restricted Limit (Maximum)	
	% by Weight	in ppm
Cadmium (Cd)	0.01	100
Mercury (Hg)	0.1	1000
Hexavalent Chromium (Cr6+)	0.1	1000
Lead (Pb)	0.1	1000
Polybrominated biphenyl (PBB)	0.1	1000
Polybrominated diphenyl ethers (PBDE)	0.1	1000
Bis(2-ethylhexyl) Phthalate (DEHP)	0.1	1000
Benzyl Butyl Phthalate (BBP)	0.1	1000
Dibutyl Phthalate (DBP)	0.1	1000
Di-IsoButyl Phthalate (DIBP)	0.1	1000



### Implementation

Restriction of Phthalates under RoHS are restricted from 22 July 2019 for all electrical and electronic equipments apart from Category 8 (medical devices) and Category 9 (monitoring & control equipment) that will have an additional two years to comply by 22 July 2021.

### Exempted Product Categories

The list of RoHS exemptions is given in the Annexes III and IV of the Directive 2011/65/EU (EU RoHS 2) and the exempted product categories can be found in the links:

<https://www.rohsguide.com/rohs-categories.htm>

<https://www.rohsguide.com/rohs-lead-exemptions.htm>

### Declaration

We confirm that none of the products we manufacture contain any significant amount of restricted substances, without any exemption, and are fully compliant.

### Contact

For any queries about RoHS Compliance, please contact: [compliance@talema.com](mailto:compliance@talema.com)

Individual product compliance statements may be issued on request.