



EU has issued a ban on halogen flame retardants in electronic displays enforcement

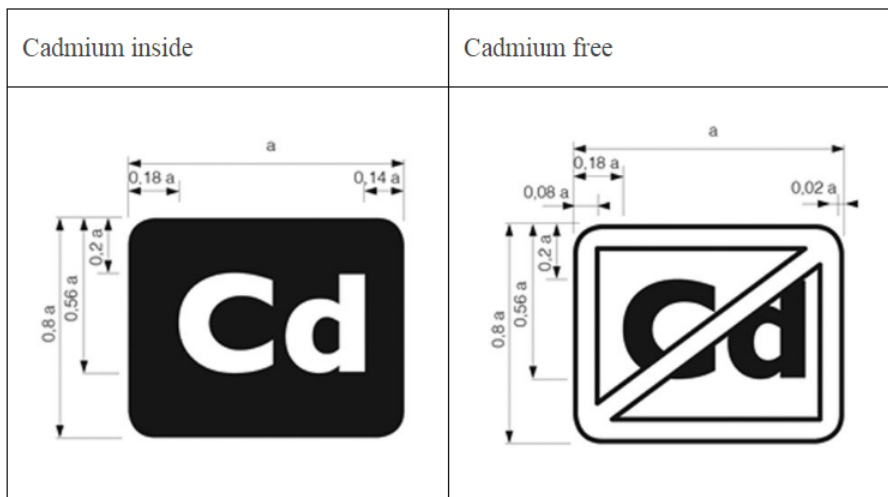
On December 5, 2019, the EU Official Journal issued the regulation (EU) 2019/2021, which sets out the ecological design requirements for electronic displays (including televisions, monitors and digital signage displays) in the EU energy related products (ErP) directive. The material efficiency requirements specify the ban on halogenated flame retardants and the requirements for cadmium logo.

This Regulation shall enter into force on the twentieth day following that of its publication in the Official Journal of the European Union. It shall apply from 1 March 2021. However, Article 6, first paragraph shall apply from 25 December 2019.



The material efficiency requirements for electronic displays are specified in appendix II of the regulations. The main requirements are as follows:

- The use of halogenated flame retardants is not allowed in the enclosure and stand of electronic displays.
- For plastic parts larger than 50g, the material type of the part shall be clearly identified, and for plastic parts containing flame retardants, the corresponding flame retardants information shall be identified.
- Electronic displays with a screen panel in which concentration values of Cadmium (Cd) by weight in homogeneous materials exceed 0,01 % as defined in Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment, shall be labelled with the 'Cadmium inside' logo. The logo shall be clearly visible durable, legible and indelible. An additional 'Cadmium inside' logo shall be firmly attached internally on the display panel or molded in a position clearly visible to workers once the external back cover bearing the external logo is removed. A 'Cadmium free' logo shall be used if concentration values of Cadmium (Cd) by weight in any homogeneous material part of the display do not exceed 0,01 % as defined in Directive 2011/65/EU.



The dimension of 'a' shall be greater than 9 mm and the typeface to be used is 'Gill Sans'

- Components requiring special treatment as specified in the European Union's WEEE directive and the European Union's battery directive can be easily separated and recovered, and disassembly information of the products can be provided as required by the directive.

Original link: [\(EU\)2019/2021](#)

HCT SOLUTION :

The regulation published guidelines for application of halogenated flame retardants in electronic display, relevant enterprises shall ensure that its electronic display shells in the bracket with and without the use of halogenated flame retardants, other parts are well identified flame retardant information, use at the same time also need to be cadmium content identification, to ensure compliance of the product.

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