

Commission Regulation (EU) 2019/2021 of 1 October 2019 laying down ecodesign requirements for electronic displays pursuant to Directive 2009/125/EC of the European Parliament and of the Council, amending Commission Regulation (EC) No 1275/2008 and repealing Commission Regulation (EC) No 642/2009 (Text with EEA relevance)

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ANNEX I

Definitions applicable for the Annexes

The following definitions shall apply:  
'on mode' or 'active mode' means a condition in which...

ANNEX II

Ecodesign requirements

- A. ENERGY EFFICIENCY REQUIREMENTS
  - 1. ENERGY EFFICIENCY INDEX LIMITS FOR ON-MODE
- B. ALLOWANCES AND ADJUSTMENTS FOR THE PURPOSE OF THE EEI CALCULATION...
  - 1. Electronic displays with automatic brightness control (ABC)
  - 2. Forced menu and set up menus
  - 3. Peak white luminance ratio
- C. OFF MODE, STANDBY AND NETWORKED STANDBY MODE REQUIREMENTS
  - 1. Power demand limits other than on-mode
  - 2. Availability of off, standby and networked standby modes
  - 3. Automatic standby in televisions
  - 4. Automatic standby in displays other than televisions

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- D. MATERIAL EFFICIENCY REQUIREMENTS
1. Design for dismantling, recycling and recovery
  2. Marking of plastic components
  3. Cadmium logo
  4. Halogenated flame retardants
  5. Design for repair and reuse
- E. INFORMATION AVAILABILITY REQUIREMENTS
1. Availability of software and firmware updates

### ANNEX III

#### Measurement methods and calculations

For the purposes of compliance and verification of compliance with...

Measurements and calculations shall meet the technical definitions, conditions, equations...

An electronic display which is split into two or more...

1. General conditions
2. Measurements of on mode power demand
  - Measurements of peak white luminance

### ANNEX IV

#### Verification procedure for market surveillance purposes

The verification tolerances defined in this Annex relate only to...

Where a model has been designed to be able to...

When verifying the compliance of a product model with the...

1. General procedure
  - 1.1. Verification procedure for requirements established in Annex II, point B.1...
  - 1.2. Verification procedure for requirements established in Annex II, point B.2...
  - 1.3. Verification procedure for requirements established in Annex II, point B.3...
  - 1.4. Verification procedure for requirements established in Annex II, point C.1...
  - 1.5. Verification procedure for requirements established in Annex II, point C.2...
  - 1.6. Verification procedure for requirements established in Annex II, point C.3...
  - 1.7. Verification procedure for requirements established in Annex II, point C.4...
  - 1.8. Verification procedure for requirements established in Annex II, point D...
2. Procedure if requirements are not achieved
3. Verification tolerances

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## ANNEX V

### Benchmarks

The best available technology on the market, at the time...  
The following indicative benchmarks are identified for the purpose of...

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- (1) [OJ L 285, 31.10.2009, p. 10.](#)
- (2) Commission Regulation (EC) No 642/2009 of 22 July 2009 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for televisions ([OJ L 191, 23.7.2009, p. 42.](#))
- (3) Communication from the Commission. Ecodesign working plan 2016-2019, COM(2016) 773 final, 30.11.2016.
- (4) Commission Regulation (EC) No 1275/2008 of 17 December 2008 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for standby and off mode, and networked standby, electric power consumption of electrical and electronic household and office equipment ([OJ L 339, 18.12.2008, p. 45.](#))
- (5) Communication from the Commission to the European Parliament, the Council, the European Economic Social Committee and the Committee of the Regions: Closing the loop — An EU action plan for the Circular Economy (COM(2015) 614 final of 2.12.2015).
- (6) Communication from the Commission: Ecodesign Working Plan 2016-2019 (COM(2016) 773 final of 30.11.2016).
- (7) Directive 2012/19/EU of the European Parliament and of the Council of 4 July 2012 on waste electrical and electronic equipment (WEEE) ([OJ L 197, 24.7.2012, p. 38.](#))
- (8) Directive (EU) 2018/851 of the European Parliament and of the Council of 30 May 2018 amending Directive 2008/98/EC on waste ([OJ L 150, 14.6.2018, p. 109.](#))
- (9) Decision No 1386/2013/EU of the European Parliament and of the Council of 20 November 2013 on a General Union Environment Action Programme to 2020 ‘Living well, within the limits of our planet’ ([OJ L 354, 28.12.2013, p. 171.](#))
- (10) COM(2015) 614 final.
- (11) Commission Regulation (EU) No 617/2013 of 26 June 2013 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for computers and computer servers ([OJ L 175, 27.6.2013, p. 13.](#))
- (12) ‘Information for Recyclers — I4R’ platform for the exchange of information between manufacturers of electrical and electronic equipment (EEE) and recyclers of Waste EEE: <http://www.i4r-platform.eu>.
- (13) 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 ([OJ L 174, 1.7.2011, p. 88.](#))
- (14) Regulation (EU) No 1025/2012 of the European Parliament and of the Council of 25 October 2012 on European standardisation, amending Council Directives 89/686/EEC and 93/15/EEC and Directives 94/9/EC, 94/25/EC, 95/16/EC, 97/23/EC, 98/34/EC, 2004/22/EC, 2007/23/EC, 2009/23/EC and 2009/105/EC of the European Parliament and of the Council and repealing Council Decision 87/95/EEC and Decision No 1673/2006/EC of the European Parliament and of the Council ([OJ L 316, 14.11.2012, p. 12.](#))
- (15) Commission Delegated Regulation (EU) 2019/2013 of 11 March 2019 supplementing Regulation (EU) 2017/1369 of the European Parliament and of the Council with regard to energy labelling of electronic displays and repealing Commission Delegated Regulation (EU) No 1062/2010 (see page 1 of this Official Journal).

**Changes to legislation:**

There are outstanding changes not yet made to Commission Regulation (EU) 2019/2021. Any changes that have already been made to the legislation appear in the content and are referenced with annotations.

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**Changes and effects yet to be applied to :**

- Regulation revoked by [S.I. 2021/745 Sch. 29 para. 8](#)

**Changes and effects yet to be applied to the whole legislation item and associated provisions**

- Signature words omitted by [S.I. 2020/1528 reg. 20](#)