
STATUTORY INSTRUMENTS

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ENERGY CONSERVATION

The Ecodesign for Energy-Related Products
and Energy Information Regulations 2021

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THE ECODESIGN FOR ENERGY-RELATED PRODUCTS
AND ENERGY INFORMATION REGULATIONS 2021

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1. Interpretation
2. Energy efficiency requirements
3. Resource efficiency requirements
4. Information requirements
5. Technical documentation requirements
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1. (1) Sub-paragraphs (2) to (5) apply for the purposes of...
2. (1) The EEI is determined as follows.

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1. Interpretation
2. Verification procedure
3. The market surveillance authority must initially test one single unit...
4. Subject to paragraph 5, the model conforms to these Regulations...
5. (1) If a unit complies with all the conditions of...
6. Where a model has been designed to be able to...
7. Verification tolerances

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1. Interpretation
2. Programme requirements
3. The eco programme must be— (a) named “eco” on the...
4. The name “eco” must be used exclusively for this programme...
5. The indications “normal”, “daily”, “regular” and “standard” must not be...
6. Energy efficiency requirements
7. From 1 March 2024, the EEI of household dishwashers with...
8. The EEI of a dishwasher is calculated in accordance with...
9. Functional requirements
10. The drying performance index (ID) must be—
11. The IC and the ID are calculated in accordance with...
12. Low power modes
13. Resource efficiency requirements
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1. General conditions
2. Energy efficiency index
3. Cleaning performance index
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5. Low power modes

SCHEDULE 8 — Verification procedure for market surveillance purposes for household dishwashers

1. Interpretation
2. Verification procedure
3. The market surveillance authority must initially test one single unit...
4. Subject to paragraph 5, the model conforms to these Regulations...
5. (1) If a unit complies with all the conditions of...

6. Where a model has been designed to be able to...
7. Verification tolerances

SCHEDULE 9 — Ecodesign requirements for household washing machines and washer-dryers

1. Interpretation and application
2. Programme requirements
3. (1) All machines must provide— (a) a washing cycle called...
4. The eco 40-60 programme must be used for the purposes...
5. The eco 40-60 programme must be set as the default...
6. The name “eco 40-60” must be used exclusively for this...
7. The indications “normal”, “daily”, “regular” and “standard” must not be...
8. Wash and dry cycle
9. (1) All machines must provide a complete cycle for cotton...
10. If the washer-dryer provides a continuous cycle, the rated capacity...
11. If the washer-dryer does not provide a continuous cycle, the...
12. The wash and dry cycle must be used for the...
13. Energy efficiency requirements
14. Functional requirements
15. Duration requirements
16. Weighted water consumption requirement
17. Low power modes
18. Resource efficiency requirements
19. Information requirements
20. Technical documentation requirements

SCHEDULE 10 — Measurement methods and calculations for household washing machines and washer-dryers

1. (1) Sub-paragraphs (2) to (4) apply for the purposes of...

Energy efficiency index of household washing machines and the washing cycle of household washer-dryers (EEI_W)

2. Energy efficiency index

Energy efficiency index (EEI_{WD}) of the complete cycle of household washer-dryers

3. (1) For the calculation of the EEI_{WD} of a household washer-dryer...
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6. Final moisture content
7. Low power modes

SCHEDULE 11 — Verification procedure for market surveillance purposes - household washing machines and washer-dryers

1. Interpretation
2. Verification procedure
3. The market surveillance authority must initially test one single unit...
4. Subject to paragraph 5, the model conforms to these Regulations...
5. (1) If a unit complies with all the conditions of...
6. Where a model has been designed to be able to...
7. Verification tolerances

SCHEDULE 12 — Multi-drum household washing machines and washer-dryers

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1. (1) For multi-drum household washing machines and multi-drum household washer-dryers—...
2. The verification procedure set out in Schedule 11 applies to...

SCHEDULE 13 — Ecodesign requirements for refrigerating appliances

1. Interpretation
2. Energy efficiency requirements
3. Functional requirements
4. Resource efficiency requirements
5. Information requirements
6. Technical documentation requirements

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1. (1) Sub-paragraphs (2) to (5) apply for the purposes of...
2. Storage conditions and target temperatures per compartment type
3. Determination of the *AE*
4. Determination of the standard annual energy consumption (*SAE*)
5. Modelling parameters per compartment type for the calculation of *SAE*
6. Compensation factors per compartment type in the calculation of *SAE*:
7. Determination of the *EEl*

SCHEDULE 15 — Verification procedure for market surveillance purposes – refrigerating appliances

1. Interpretation
2. Verification procedure
3. The market surveillance authority must initially test one single unit...
4. Subject to paragraph 5, the model conforms to these Regulations...
5. (1) If a unit complies with all the conditions of...
6. Where a model has been designed to be able to...
7. Verification tolerances

SCHEDULE 16 — Ecodesign requirements for electric motors and variable speed drives

1. Energy efficiency requirements for motors
2. (1) From 1 July 2023, motors must meet the following...
3. (1) *IE* is set out in Tables 21 to 26,...
4. (1) To determine the minimum efficiency of 50 Hz motors...
5. The minimum efficiency of 60 Hz motors at a rated...
6. Product information requirements for motors
7. Efficiency requirements for variable speed drives
8. Product information requirements for variable speed drives
9. Technical documentation requirements
10. Exemptions

SCHEDULE 17 — Measurement methods and calculations for electric motors and variable speed drives

1. The measurement methods and calculations for electric motors and VSDs...
2. Electric motors
3. Variable speed drives

SCHEDULE 18 — Verification procedure for market surveillance purposes – electric motors and variable speed drives

1. Interpretation
2. Verification procedure

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3. The market surveillance authority must initially test one single unit...
4. Subject to paragraph 5, the model conforms to these Regulations...
5. (1) If a unit complies with all the conditions of...
6. (1) For motors with a rated power output of 375...
7. Where a model has been designed to be able to...
8. Verification tolerances

SCHEDULE 19 — Ecodesign requirements for electronic displays

1. Interpretation

Energy efficiency requirements

Energy efficiency index limits for on-mode

2. (1) The energy efficiency index (EEI) of an electronic display...

Allowances and adjustments for the purpose of the EEI calculation, and functional requirements

3. (1) Electronic displays must meet the following requirements. Electronic displays...

Forced menu and set-up menus

4. (1) Electronic displays may be placed on the market with...

Peak white luminance ratio

5. (1) In the normal configuration, the peak white luminance of...

Off mode, standby and networked standby mode requirements

6. (1) Electronic displays must meet the following requirements. Power demand...

Availability of off, standby and networked standby modes

7. (1) Electronic displays must provide— (a) off mode;

Automatic power-down in televisions

8. (1) Televisions must provide a power management function, enabled as...

Automatic power-down in displays other than televisions

9. (1) Electronic displays other than televisions with various selectable input...

Material efficiency requirements

10. Electronic displays must meet the following requirements.

Design for dismantling, recycling and recovery

11. (1) Subject to sub-paragraph (2), manufacturers, importers or their authorised...

Marking of plastic components

12. (1) Subject to sub-paragraphs (2) and (3), plastic components heavier...

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Cadmium logo

13. (1) Electronic displays with a screen panel in which concentration...

Halogenated flame retardants

14. The use of halogenated flame retardants is not permitted in...

Design for repair and reuse

Availability of spare parts

15. (1) Manufacturers, authorised representatives or importers of electronic displays must...

Access to repair and maintenance information

16. (1) From no later than two years after the placing...

Maximum delivery time of spare parts

17. (1) Subject to sub-paragraph (2), during the period referred to...

Software and firmware update availability requirements

18. (1) Manufacturers, their authorised representatives or importers of electronic displays...

Technical documentation requirements

19. (1) The technical documentation file required for the conformity assessment...
20. Exemptions

SCHEDULE 20 — Measurement methods for electronic displays

1. The measurement methods for electronic displays are as follows.
2. General conditions
3. Measurements of on mode power demand
4. Measurements of peak white luminance

SCHEDULE 21 — Verification procedure for market surveillance purposes – electronic displays

1. Interpretation
2. Verification procedure – general
3. The market surveillance authority must initially test one single unit...
4. Subject to paragraph 15, the model conforms to these Regulations...
5. Where a model has been designed to be able to...
6. Verification procedure for requirements of paragraph 3 of Schedule 19
7. Verification procedure for requirements of paragraph 4 of Schedule 19
8. Verification procedure for requirements of paragraph 5 of Schedule 19
9. Verification procedure for requirements of paragraph 6 of Schedule 19
10. Verification procedure for requirements of paragraph 7 of Schedule 19
11. Verification procedure for requirements of paragraph 8 of Schedule 19
12. Verification procedure for requirements of paragraph 9 of Schedule 19
13. Verification procedure for requirements of paragraphs 10 to 18 of Schedule 19

14. Paragraph 14 of Schedule 19 (halogenated flame retardants) must be...
15. Procedure if requirements are not achieved
16. Verification tolerances

SCHEDULE 22 — Energy labelling of refrigerating appliances with a direct sales function – energy efficiency classes

1. (1) The energy efficiency class of a refrigerating appliance with...

SCHEDULE 23 — Labels for refrigerating appliances with a direct sales function

1. Label contents for appliances other than beverage coolers and ice-cream freezers
2. The following information must be included in the label at...
3. Label contents for beverage coolers
4. The following information must be included in the label at...
5. Label contents for ice-cream freezers
6. The following information must be included in the label at...
7. Label designs
8. (1) The labels must meet the following requirements.

SCHEDULE 24 — Product information sheet

1. In accordance with regulation 46(1)(b), the supplier must enter the...
2. Where the refrigerating appliance has different compartments working at different...
3. The following items in Table 35 are not relevant for...

SCHEDULE 25 — Technical documentation

1. The technical documentation referred to in regulation 46(1)(d) must include...
2. Where the information in the technical documentation for a particular...

SCHEDULE 26 — Information to be provided in visual advertisements, technical or other promotional material, and in distance selling except distance selling on the internet

1. (1) In— (a) visual advertisements for refrigerating appliances with a...
2. (1) The energy efficiency class and the range of energy...
Figure 1

SCHEDULE 27 — Information to be provided in the case of distance selling through the internet

1. The following requirements apply to distance selling through the internet...
2. (1) The appropriate label made available by suppliers in accordance...
3. (1) If nested display is used, the label must appear...
Figure 2

SCHEDULE 28 — Verification procedure for market surveillance purposes

1. Interpretation
2. Verification procedure
3. (1) If a unit complies with all the conditions of...
4. Where a model has been designed to be able to...
5. Verification tolerances

SCHEDULE 29 — Revocations

1. Commission Regulation (EC) No 640/2009 of 22 July 2009 implementing...

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2. Commission Regulation (EC) No 642/2009 of 22 July 2009 implementing...
3. Commission Regulation (EC) No 643/2009 of 22 July 2009 implementing...
4. Commission Regulation (EC) No 1015/2010 of 10 November 2010 implementing...
5. Commission Regulation (EC) No 1016/2010 of 10 November 2010 implementing...
6. Commission Regulation (EU) 2019/1781 of 1 October 2019 laying down...
7. Commission Regulation (EU) 2019/2019 of 1 October 2019 laying down...
8. Commission Regulation (EU) 2019/2021 of 1 October 2019 laying down...
9. Commission Regulation (EU) 2019/2022 of 1 October 2019 laying down...
10. Commission Regulation (EU) 2019/2023 of 1 October 2019 laying down...

Explanatory Note