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ANNEXES 1 to 9

ANNEXES

to the

Commission Delegated Regulation

supplementing Regulation (EU) 2017/1369 of the European Parliament and of the Council with regard to energy labelling of household washing machines and household washer-dryers

repealing Regulation (EU) No 1061/2010 with regard to energy labelling of household washing machines and Commission Directive 96/60/EC implementing Council Directive 92/75/EEC with regard to energy labelling of household combined washer-driers

ANNEX I

Definitions applicable for the Annexes

(1) ‘Washing cycle’ means a complete washing process as defined by the required programme, consisting of a series of different operations including washing, rinsing, and spinning;

(2) ‘Drying cycle’ means a complete drying process as defined by the required programme, consisting of a series of different operations including heating and spinning;

(3) ‘Complete cycle’ means a washing and drying process, consisting of a washing cycle and a drying cycle;

(4) ‘Continuous cycle’ means a complete cycle without interruption of the process or additional action by an operator;

(5) ‘Rated capacity’ means the maximum mass in kilograms stated by the manufacturer at 0.5 kg intervals of dry textiles of a particular type, which can be treated in one complete cycle of a household washing machine or a household washer-dryer respectively on the selected programme, when loaded in accordance with the manufacturer’s instructions;

(6) ‘Rated washing capacity’ means the maximum mass in kilograms stated by the manufacturer at 0.5 kg intervals of dry textiles of a particular type, which can be washed in one complete cycle of a household washing machine on the selected programme, or in one washing cycle of a washer-dryer on the selected programme, when loaded in accordance with the manufacturer’s instructions;

(7) ‘Rated drying capacity’ means the maximum mass in kilograms stated by the manufacturer at 0.5 kg intervals of dry textiles of a particular type, which can be dried in one drying cycle of a household washer-dryer on the selected programme, when loaded in accordance with the manufacturer’s instructions;

(8) ‘Remaining moisture content’ means for household washing machines the amount of moisture contained in the load at the end of the spinning phase, and for household washer-dryers the amount of moisture contained in the load at the end of the drying phase;

(9) ‘Off-mode’ means a condition in which the equipment is connected to the mains power source and is not providing any function; the following shall also be considered as off mode:

  (a) a condition providing only an indication of off-mode;

  (b) a condition providing only functionalities intended to ensure electromagnetic compatibility pursuant to Directive 2004/108/EC;

(10) ‘Standby mode’ means a condition where the equipment is connected to the mains power source and provides only the following functions, which may persist for an indefinite item:

  (a) reactivation function, or reactivation function and only an indication of enabled reaction function, and/or

  (b) information or status display, and/or

  (c) safety function;

(11) ‘Interaction mode’ means a condition in which the equipment is connected to the mains power source and provides functionalities intended for interaction with the user such as programme set-up, delay start set-up, or information to user;

(12) ‘Delay start’ means a condition in which the equipment automatically starts its main function at a later time as programmed by the user;

(13) ‘Active mode’ means a condition in which the equipment is connected to the mains power source and at least one of the main function(s) providing the intended service of the equipment has been activated;

(14) ‘Main function(s)’ means the main service(s) for which a product is designed for, and that correspond to the intended use of the product;

(15) ‘Network standby’ is defined as in Regulation (EU) No 801/2013;

(16) 'Equivalent model' means a model with the same relevant technical and performance characteristics but placed on the market under a different model identifier;

(17) ‘display mechanism' means any screen, including tactile screen, or other visual technology used for displaying internet content to users;

(18) 'nested display' means visual interface where an image or data set is accessed by a mouse click, mouse roll-over or tactile screen expansion of another image or data set;

(19) 'tactile screen' means a screen responding to touch, such as that of a tablet computer, slate computer or a smartphone;

(20) ‘alternative text' means text provided as an alternative to a graphic allowing information to be presented in non- graphical form where display devices cannot render the graphic or as an aid to accessibility such as input to voice synthesis applications.

ANNEX II

A. Energy efficiency classes

The energy efficiency class of a household washing machine and of the washing cycle of a household washer-dryer shall be determined on the basis of its Energy Efficiency Index (EEI) as set out in Table 1.

The Energy Efficiency Index (EEI) of a household washing machine and of the washing cycle of a household washer-dryer shall be calculated in accordance with Annex III.

Table 1
Energy efficiency classes of household washing machines and of the washing cycle of household washer-dryers

Energy Efficiency Class	**Energy Efficiency Index (EEI)**
A (most efficient)	$EEI \leq 65$
B	$65 < EEI \leq 71$
C	$71 < EEI \leq 77$
D	$77 < EEI \leq 84$
E	$84 < EEI \leq 92$
F	$92 < EEI \leq 100$
G (least efficient)	$EEI > 100$

The energy efficiency class of the complete cycle of a household washer-dryer shall be determined on the basis of its Energy Efficiency Index (C) as set out in Table 2.

The Energy Efficiency Index (C) of the complete cycle of a household washer-dryer shall be calculated in accordance with Annex III.

Table 2
Energy efficiency classes of the complete cycle of a household washer-dryer

Energy Efficiency Class	**Energy Efficiency Index (C)**
A	$C \leq 60$
B	$60 < C \leq 66$
C	$66 < C \leq 73$
D	$73 < C \leq 80$
E	$80 < C \leq 88$
F	$88 < C \leq 97$
G	$C > 97$

B. Spin-drying efficiency classes

The spin-drying efficiency class of a household washing machine and of the washing cycle of a household washer-dryer shall be determined on the basis of the remaining moisture content (D) as set out in Table 3.

The remaining moisture content (D) of a household washing machine and of the washing cycle of a household washer-dryer shall be calculated in accordance with Annex III.

Table 3
Spin-drying efficiency classes

Spin-drying efficiency class	Remaining moisture content (%)
A (most efficient)	$D < 45$
B	$45 \leq D < 54$
C	$54 \leq D < 63$
D	$63 \leq D < 72$
E	$72 \leq D < 81$
F	$81 \leq D < 90$
G (least efficient)	$D \geq 90$

C. Acoustic airborne noise emission classes

The acoustic airborne noise emission class of a household washing machine and of the washing cycle of a household washer-dryer shall be determined on the basis of the acoustic airborne noise emissions as set out in Table 4.

The acoustic airborne noise emissions of a household washing machine and of the washing cycle of household washer-dryers shall be determined in accordance with state-of-the-art of the recommended standard.

Table 4
Acoustic airborne noise emission classes

Phase	Acoustic airborne noise emission class	Icon on the label	Noise (dB)
Washing	Light	-	$n < 51$
	Medium	-	$51 \leq n < 57$
	Loud	-	$n \geq 57$
Spinning	Light		$n < 74$
	Medium		$74 \leq n < 77$
	Loud		$n \geq 77$

The acoustic airborne noise emission class of the complete cycle of a household washer-dryer shall be determined on the basis of the acoustic airborne noise emissions as set out in Table 5.

The acoustic airborne noise emission class of the complete cycle of a household washer-dryer shall be determined in accordance with state-of-the-art of the recommended standard.

Table 5
Acoustic airborne noise emission classes for washer-dryers

Phase	**Acoustic airborne noise emission class**	**Icon on the label**	**Noise (dB)**
Washing	Light	-	$n < 51$
	Medium	-	$51 \leq n < 57$
	Loud	-	$n \geq 57$
Spinning	Light	-	$n < 74$
	Medium	-	$74 \leq n < 77$
	Loud	-	$n \geq 77$
Drying	Light		$n < 59$
	Medium		$59 \leq n < 64$
	Loud		$n \geq 64$

ANNEX III

Method for calculating the Energy Efficiency Index

For the purposes of compliance and verification of compliance with the requirements of this Regulation, measurements and calculations shall be made using harmonised standards the reference numbers of which have been published for this purpose in the *Official Journal of the European Union*, or other reliable, accurate and reproducible methods, which takes into account the generally recognised state-of-the-art, and in line with the following provisions.

Numbers shall be rounded to the nearest integer in accordance with B.3 Rule B of ISO 80000-1:2009. If the rounding takes place in decimals, the omitted places shall not be filled with zeros.

1. RATED CAPACITY OF WASHER-DRYERS

The rated capacity of washer-dryers shall be measured, using the 'wash and dry' complete programme.

If the household washer-dryer provides continuous complete cycles, the rated capacity of the washer-dryer shall be the maximum capacity for this complete cycle.

If the household washer-dryer does not provide continuous complete cycles, the rated capacity of the washer-dryer shall be the lowest value between the maximum capacity of the '40-60 eco' washing cycle (i.e. the rated washing capacity) and the maximum capacity of the drying cycle achieving 'cupboard dry' status (i.e. the rated drying capacity).

2. ENERGY EFFICIENCY INDEX

2.1. Energy Efficiency Index of household washing machines and the washing cycle of household washer-dryers

For the calculation of the Energy Efficiency Index (EEI) of a household washing machine model or the washing cycle of a household washer-dryer model, the weighted energy consumption of the '40-60 eco' programme at full and partial loads is compared to its standard energy consumption.

(a) The Energy Efficiency Index (EEI) is calculated as follows, and is rounded to one decimal place:

$$EEI = (E_t / SCE_C) \times 100$$

where:

E_t = weighted cycle energy consumption of the household washing machine or the washing cycle of the household washer-dryer;

SCE_C = standard cycle energy consumption of the household washing machine or the washing cycle of the household washer-dryer.

(b) The standard cycle energy consumption (SCEc) is calculated in kWh per cycle and rounded to two decimal places as follows:

$$SCE_C = -0.0025 \times c^2 + 0.0846 \times c + 0.3920$$

where:

c is the rated capacity of the household washing machine or the rated washing capacity of the washer-dryer for the 40-60 eco programme.

(c) The weighted energy consumption (Et) is calculated in kWh per cycle as follows and rounded to decimal places:

$$E_t = A\ x\ E_{t,40,full} + Bx\ E_{t,40,\frac{1}{2}} + C\ x\ E_{t,40,\frac{1}{4}}$$

where:

$E_{t,40,full}$ is the energy consumption of the '40-60 eco' programme at full rated washing capacity;

$E_{t,40,½}$ is the energy consumption of the '40-60 eco' programme at half of the rated washing capacity;

$E_{t,40,1/4}$ is the energy consumption of the '40-60 eco' programme at a quarter of the rated washing capacity;

A is the weighting loading factor for the full rated washing capacity;

B is the weighting loading factor for half of the rated washing capacity;

C is the weighting loading factor for a quarter of the rated washing capacity.

The values of the weighting loading factors depend on the rated capacity according to the following equations:

$$A = -0.0391\ x\ c + 0.6918$$

$$B = -0.0109x\ c + 0.3582$$

$$C = 1 - (A + B)$$

where:

c is the rated capacity of the washing machine or the washing rated capacity of the washer dryer.

2.2. Energy Efficiency Index of the complete cycle of household washer-dryers

(a) The Energy Efficiency Index (C) is calculated as follows, and is rounded to one decimal place:

$$C = E_t / SCE_C$$

where:

E_t = weighted cycle energy consumption of the household washer-dryer;

SCE_C = standard cycle energy consumption of the household washer-dryer.

(b) The standard cycle energy consumption (SCEc) is calculated in kWh per cycle and rounded to two decimal places as follows:

$$SCE_C = 0.0088 \text{ x } c^2 - 0.2494 \text{ x } c + 2.296$$

where:

c is the rated capacity of the household washer-dryer for the 'wash and dry' programme.

(c) The weighted energy consumption (*Et)* is calculated in kWh per cycle as follows and rounded to three decimal places:

$$E_t = \frac{[3\ x\ E_{t,full} + 2\ x\ E_{t,\frac{1}{2}load}]}{5}$$

where:

$E_{t,full}$ is the energy consumption of the 'wash and dry' programme at full load, i.e. at rated capacity;

$E_{t,½load}$ is the energy consumption of the 'wash and dry' programme at half load, i.e. at half the rated capacity.

3. CALCULATION OF THE WEIGHTED WATER CONSUMPTION

(1) The weighted water consumption (W_t) of a household washing machine or the washing cycle of a household washer-dryer is calculated in litres and rounded to the nearest integer:

$$W_t = (A \times W_{t,full} + B \times W_{t,1/2} + C \times W_{t,1/4})$$

where:

$W_{t,full}$ is the water consumption of the '40-60 eco' programme at rated washing capacity, in litres and rounded to one decimal place;

$W_{t,½}$ is the water consumption of the '40-60 eco' programme at half of the rated washing capacity, in litres and rounded to one decimal place;

$W_{t,1/4}$ is the water consumption of the '40-60 eco' programme at a quarter of the rated washing capacity, in litres and rounded to one decimal place;

A, B and C are the weighting loading factors as described in point (1)A.(c).

(2) The weighted water consumption (Wt) of the 'wash and dry' programme of a household washer-dryer is calculated as follows and rounded to the nearest integer:

$$W_t = \frac{[3\ x\ W_{t,full} + 2\ x\ W_{t,\frac{1}{2}load}]}{5}$$

where:

$W_{t,full}$ is the water consumption of the 'wash and dry' programme of a household washer-dryer at rated capacity, in litres and rounded to one decimal place;

$W_{t,½\ load}$ is the water consumption of the 'wash and dry' programme of a household washer-dryer at half of the rated capacity, in litres and rounded to one decimal place.

4. CALCULATION OF THE REMAINING MOISTURE CONTENT

The weighted remaining moisture content (D) of a household washing machine and the washing cycle of a household washer-dryer is calculated in percentage as follows and rounded to the nearest whole percent:

$$D = \left[A\ x\ D_{t,full} + B\ x\ D_{t,\frac{1}{2}load} + C\ x\ D_{t,\frac{1}{4}load}\right]$$

where:

$D_{t,full}$ is the residual moisture content for the ‘40-60 eco’ programme at rated washing capacity, in percentage and rounded to the nearest whole per cent;

$D_{t,1/2load}$ is the energy consumption of the ‘40-60 eco’ programme at half of the rated washing capacity in percentage and rounded to the nearest whole per cent;

$D_{t,1/4load}$ is the energy consumption of the ‘40-60 eco’ programme at a quarter of the rated washing capacity in percentage and rounded to the nearest whole per cent;

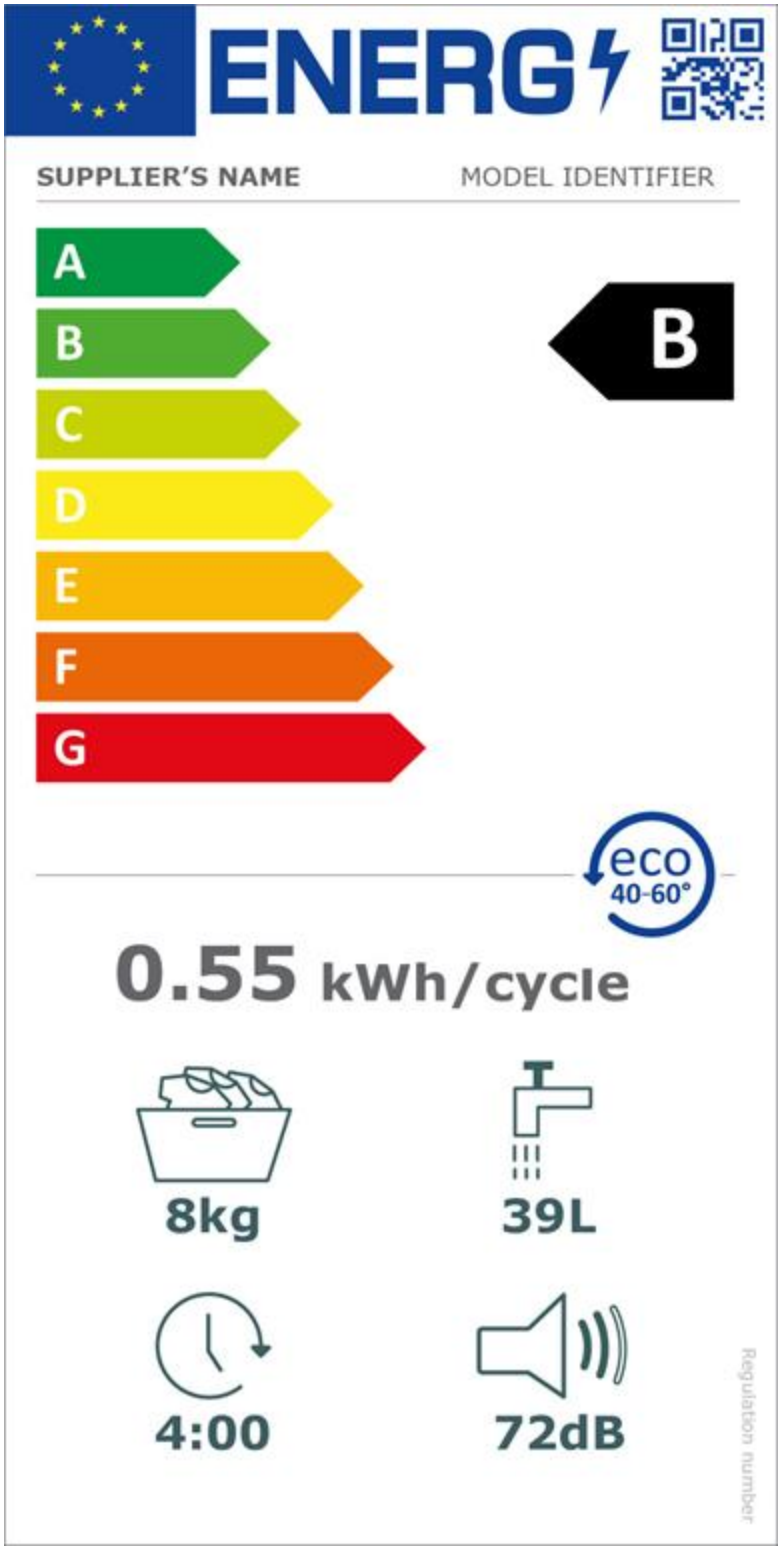
A, B and C are the weighting loading factors as described in point 2.1.(c).

ANNEX IV

A. Label for household washing machines

1. LABEL FOR HOUSEHOLD WASHING MACHINES

(1) Label



(2) The following information shall be included in the label:

I supplier's name or trade mark;

II supplier's model identifier, where 'model identifier' means the code, usually alphanumeric, which distinguishes a specific household washing machine model from other models with the same trade mark or supplier's name;

III the energy efficiency class determined in accordance with Annex II; the head of the arrow containing the energy efficiency class shall be placed at the same height as the head of the arrow of the relevant energy efficiency class;

IV QR code linking to the model information in the product database defined in Article 12 of Regulation (EU) 2017/1369;

V weighted energy consumption per cycle (E_t) in kWh per cycle, rounded to two decimal places in accordance with Annex III;

VI weighted water consumption per cycle (Wt), in litres per cycle, rounded to the nearest integer in accordance with Annex III;

VII rated capacity, in kg, for the '40-60 eco' programme;

VIII the duration of the '40-60 eco' programme at full load in hh:mm rounded to the nearest minute;

IX airborne acoustic noise emissions of the spinning phase, expressed in dB(A) re 1 pW and rounded to the nearest integer;

X airborne acoustic noise emission class of the spinning phase, determined in accordance with point C of Annex II.

2. LABEL DESIGN FOR HOUSEHOLD WASHING MACHINES

It will be added later.

B. Label for household washer-dryers

1. LABEL FOR HOUSEHOLD WASHER-DRYERS

(1) Label:

The following information shall be included in the label:

I supplier's name or trade mark;

II supplier's model identifier, where 'model identifier' means the code, usually alphanumeric, which distinguishes a specific household washer-dryer model from other models with the same trade mark or supplier's name;

III the energy efficiency class for the complete cycle (on the left side) and for the washing cycle (on the right side) determined in accordance with Annex II; the head of the arrow containing the energy efficiency class shall be placed at the same height as the head of the arrow of the relevant energy efficiency class;

IV indication of the 'wash and dry' programme used to test the complete cycle (on the left side) and

V indication of the '40-60 eco' programme used to test the washing cycle of the washer-dryer (on the right side);

VI weighted energy consumption per cycle (E_t) in kWh per cycle, rounded to two decimal places in accordance with Annex III, for the complete cycle (on the left side) and for the washing cycle (on the right side);

VI rated capacity for the complete cycle (on the left side) and for the washing cycle (on the right side);

VII weighted water consumption per cycle (Wt), in litres per cycle, rounded to the nearest integer in accordance with Annex III, for the complete cycle (on the left side) and for the washing cycle (on the right side);

VIII duration of the test programme at full rated capacity for the complete cycle (on the left side) and at full rated washing capacity for the washing cycle (on the right side);

IX airborne acoustical noise emissions of the drying phase at full rated capacity for the complete cycle (on the left side) and of the spinning cycle at full rated washing capacity for the washing cycle (on the right side) expressed in dB(A) re 1 pW and rounded to the nearest integer;

X airborne acoustic noise emission class of the drying phase (on the left side) and for the spinning phase (on the right side), determined in accordance with point C of Annex II;

XI QR code linking to the model information in the product database defined in Article 12 of Regulation (EU) 2017/1369.

2. LABEL DESIGN FOR HOUSEHOLD WASHER-DRYERS

It will be added later.

ANNEX V

Product information sheet

1. The information in the product information sheet of household washing machines shall be provided in the following order and shall be included in the product brochure or other literature provided with the product:

   (a) supplier's name or trade mark;

   (b) supplier's model identifier, meaning the code, usually alphanumeric, which distinguishes a specific household washing machine or household washer-dryer model from other models with the same trade mark or supplier's name;

   (c) indication that the '40-60 eco' programme is the washing programme to which the information on the label and the product information sheet relates, that this programme are suitable to clean normally soiled cotton laundry declared to be washable at 40 °C or 60 °C, together in the same cycle;

   (d) rated washing capacity in kg for the '40-60 eco' programme;

   (e) energy efficiency class determined in accordance with Annex II;

   (f) weighted energy consumption (E_t) per cycle in kWh per cycle, rounded to three decimal places; it shall be described as: 'Energy consumption "X,YZW" kWh per cycle, for the '40-60 eco' programme at a combination of full and partial loads. Actual energy consumption will depend on how the appliance is used';

   (g) the programme duration of the '40-60 eco' programme at full, half and quarter loads in hours:minutes and rounded to the nearest minute;

   (h) weighted water consumption (W_C) in litres per cycle, rounded to the nearest integer; it shall be described as: 'Water consumption "XY" litres per cycle, for the '40-60 eco' programme at a combination of full and partial loads. Actual water consumption will depend on how the appliance is used';

   (i) maximum temperature reached for minimum 5 minutes inside the laundry during the '40-60 eco' programme at full, half and quarter loads;

   (j) spin-drying efficiency class determined in accordance with Annex II, expressed as 'spin-drying efficiency class "X" on a scale from G (least efficient) to A (most efficient)'; this may be expressed by other means provided it is clear that the scale is from G (least efficient) to A (most efficient);

   (k) maximum spin speed attained for the '40-60 eco' programme at full, half or quarter loads, whichever is the lower, and remaining moisture content attained for the '40-60 eco' programme at full, half or quarter loads, whichever is the greater;

   (l) airborne acoustical noise emissions expressed in dB(A) re 1 pW and rounded to the nearest integer during the washing and spinning phases for the '40-60 eco' programme at rated washing capacity;

   (m) airborne acoustical noise emissions class for the washing and spinning phases for the '40-60 eco' programme at rated washing capacity in accordance with Annex II;

   (n) if the household washing machine is intended to be built-in, an indication to this effect.

2. The information in the product information sheet of household washer-dryers shall be provided in the following order and shall be included in the product brochure or other literature provided with the product:

(a) supplier's name or trade mark;

(b) supplier's model identifier, meaning the code, usually alphanumeric, which distinguishes a specific household washing machine or household washer-dryer model from other models with the same trade mark or supplier's name;

(c) indication that the 'wash and dry' programme is the complete washing and drying cycle to which the information on the label and the product information sheet relates, that this programme is a combination of the '40-60 eco' programme for the washing cycle and a drying cycle drying the laundry to 'cupboard dry' status;

(d) rated washing capacity in kg for the washing cycle and rated capacity of the washer-dryer for the 'wash and dry' programme;

(e) energy efficiency classes of the washing cycle and of the complete cycle determined in accordance with Annex III;

(f) weighted energy consumption (Et) per cycle in kWh per kg, rounded to three decimal places, for the washing cycle of the washer-dryer; it shall be described as: 'Energy consumption "X,YZW" kWh per kg per cycle, for the washing cycle of the washer-dryer, using the '40-60 eco' programme at a combination of full and partial loads. Actual energy consumption will depend on how the appliance is used';

(g) weighted energy consumption (Et) per cycle in kWh per kg, rounded to three decimal places, for the complete cycle of the washer-dryer; it shall be described as: 'Energy consumption "X,YZW" kWh per kg per cycle, for the complete washing and drying cycle of the washer-dryer, using the 'wash and dry' programme at a combination of full and half loads. Actual energy consumption will depend on how the appliance is used';

(h) the duration of the '40-60 eco' washing cycle at full, half and quarter loads in hours:minutes and rounded to the nearest minute;

(i) the duration of the 'wash and dry' cycle at full and half loads in hours:minutes and rounded to the nearest minute;

(j) weighted water consumption (WC) in litres per cycle, rounded to the nearest integer, for the '40-60 eco' washing cycle; it shall be described as: 'Water consumption "X,Y" litres per cycle, for the '40-60 eco' programme at a combination of full and partial loads. Actual water consumption will depend on how the appliance is used';

(k) weighted water consumption (WC) in litres per cycle, rounded to the nearest integer, for the 'wash and dry' programme; it shall be described as: 'Water consumption "X,Y" litres per cycle, for the complete washing and drying cycle of the washer-dryer at a combination of full and half loads. Actual water consumption will depend on how the appliance is used and on the hardness of the water.';

(l) maximum temperature reached for minimum 5 minutes inside the laundry during the '40-60 eco' programme at full, half and quarter loads;

(m) spin-drying efficiency class of the washing cycle determined in accordance with Annex II, expressed as ‘spin-drying efficiency class “X” on a scale from G (least efficient) to A (most efficient)’; this may be expressed by other means provided it is clear that the scale is from G (least efficient) to A (most efficient);

(n) maximum spin speed attained for the ‘40-60 eco’ washing cycle at full, half or quarter loads, whichever is the lower, and remaining moisture content attained for the ’40-60 eco’ washing cycle at full, half or quarter loads, whichever is the greater;

(o) airborne acoustic noise emissions expressed in dB(A) re 1 pW and rounded to the nearest integer during the washing and spinning phases for the ‘40-60 eco’ washing cycle at full rated washing capacity;

(p) airborne acoustic noise emissions expressed in dB(A) re 1 pW and rounded to the nearest integer during the washing, spinning and drying phases for the ‘wash and dry’ complete cycle at full rated capacity;

(q) if the household washer-dryer is intended to be built-in, an indication to this effect.

3. One product information sheet may cover a number of household washing machines or household washer-dryer models supplied by the same supplier.

4. The information contained in the product information sheet may be given in the form of a copy of the label, either in colour or in black and white. Where this is the case, the information listed in point 1 or in point 2 not already displayed on the label shall also be provided.

ANNEX VI

Technical documentation

1. The technical documentation referred to in Article 3(1)(d) shall include:

   (a) the name and address of the supplier;

   (b) a general description of the washing machine or washer-dryer model, sufficient for it to be unequivocally identified;

   (c) where appropriate, the references of the harmonised standards applied;

   (d) where appropriate, the other technical standards and specifications used;

   (e) identification and signature of the person empowered to bind the supplier;

   (f) technical parameters for measurements as follows:

      (1) rated capacity for the '40-60 eco' programme;

      (2) for a washer-dryer: rated capacity for the 'wash and dry' programme;

      (3) weighted energy consumption of the '40-60 eco' programme at full, half and quarter loads;

      (4) for a washer-dryer: weighted energy consumption of the 'wash and dry' programme at full and half loads;

      (5) weighted water consumption of the '40-60 eco' programme;

      (6) for a washer-dryer: weighted water consumption of the 'wash and dry' programme;

      (7) programme duration of the '40-60 eco' programme at full, half and quarter loads;

      (8) for a washer-dryer: programme duration of the 'wash and dry' programme at full and half loads;

      (9) maximum temperature reached for minimum 5 minutes inside the laundry during the '40-60 eco' programme at full, half and quarter loads;

      (10) power consumption in 'off-mode';

      (11) power consumption in 'standby mode';

      (12) power consumption in 'network standby';

      (13) power consumption in 'delay start';

      (14) duration of the 'interaction mode';

      (15) airborne acoustic noise emissions of the '40-60 eco' programme for the washing and spinning phases;

      (16) for a washer-dryer: airborne acoustic noise emissions of the wash and dry programme for the washing, spinning and drying phases;

   (g) the calculations and the results of calculations performed in accordance with Annex III.

2. Where the information included in the technical documentation for a particular household washing machine or household washer-dryer model has been obtained:

   - from an equivalent model of the same or a different manufacturer, or

- by calculation on the basis of design or extrapolation from another model of the same or a different manufacturer, or both,

the technical documentation shall include, as appropriate, a list of the all equivalent household washing machine or washer-dryer models, the details of such calculation, the assessment undertaken by manufacturers to verify the accuracy of the calculation and, where appropriate, the declaration of identity between the models of different manufacturers.

ANNEX VII

Information to be provided in visual advertisements, in promotional material, in distance selling except distance selling on the internet

1. In visual advertisements, for the purposes of ensuring conformity with the requirements laid down in Article 3(1)(e) and Article 4(1)(c), the energy class and the range of efficiency classes available on the label shall be shown with an arrow matching the letter of the energy class, as indicated in Figure 1.

2. In promotional material, for the purposes of ensuring conformity with the requirements laid down in Article 3(1)(f) and Article 4(1)(d), the energy class and the range of efficiency classes available on the label shall be shown with an arrow matching the letter of the energy class, as indicated in Figure 1.

3. Any paper based distance selling must show the energy class and the range of efficiency classes available on the label with an arrow matching the letter of the energy class, as indicated in Figure 1.

4. Telemarketing based distance selling must specifically inform the customer of the energy class of the product and of the range of energy classes available on the label, and that they can access the full label and the product information sheet through a free access website, or by requesting a printed copy.

Figure 1: Coloured arrow example, with range of energy classes indicated

For all the situations mentioned in points 1 to 4, it must be possible for the customer to access the full label and the product information sheet through a link to the product database website, or to request a printed copy.

ANNEX VIII

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

1. The appropriate label made available by suppliers in accordance with Article 3(1)(g) shall be shown on the display mechanism in proximity to the price of the product. The size shall be such that the label is clearly visible and legible and shall be proportionate to the size specified in Annex IV. The label may be displayed using a nested display, in which case the image used for accessing the label shall comply with the specifications laid down in point 2 of this Annex. If nested display is applied, the label shall appear on the first mouse click, mouse roll-over or tactile screen expansion on the image.

2. The image used for accessing the label in the case of nested display shall:

   (a) be an arrow in the colour corresponding to the energy efficiency class of the product on the label;

   (b) indicate on the arrow energy efficiency class of the product in white in a font size equivalent to that of the price; and

   (c) have one of the following two formats:

3. In the case of nested display, the sequence of display of the label shall be as follows:

   (a) the image referred to in point 2 of this Annex shall be shown on the display mechanism in proximity to the price of the product;

   (b) the image shall link to the label;

   (c) the label shall be displayed after a mouse click, mouse roll-over or tactile screen expansion on the image;

   (d) the label shall be displayed by pop up, new tab, new page or inset screen display;

   (e) for magnification of the label on tactile screens, the device conventions for tactile magnification shall apply;

   (f) the label shall cease to be displayed by means of a close option or other standard closing mechanism;

   (g) the alternative text for the graphic, to be displayed on failure to display the label, shall be the energy efficiency class of the product in a font size equivalent to that of the price.

4. The appropriate product information sheet made available by suppliers in accordance with Article 3(1)(h) shall be shown on the display mechanism in proximity to the price of the product. The size shall be such that the product information sheet is clearly visible and legible. The product information sheet may be displayed using a nested display, in which case the link used for accessing the product information sheet shall clearly and legibly indicate ‘Product information sheet’. If nested display is used, the product information sheet shall appear on the first mouse click, mouse roll-over or tactile screen expansion on the link.

ANNEX IX

Verification procedure for market surveillance purposes

The verification tolerances set out in this Annex relate only to the verification of the measured parameters by Member State authorities and shall not be used by the supplier as an allowed tolerance to establish the values in the technical documentation. The values and classes on the label or in the product fiche shall not be more favourable for the supplier than the values reported in the technical documentation.

When verifying the compliance of a product model with the requirements laid down in this Regulation, for the requirements referred to in this Annex, the authorities of the Member States shall apply the following procedure:

1. The Member State authorities shall verify one single unit of the model.

2. The model shall be considered to comply with the applicable requirements if:

   (a) the values given in the technical documentation pursuant to Article 3(3) of Regulation (EU) 2017/1369 (declared values), and, where applicable, the values used to calculate these values, are not more favourable for the supplier than the corresponding values given in the test reports and

   (b) the values published on the label and in the product fiche are not more favourable for the supplier than the declared values, and the indicated energy efficiency class is not more favourable for the supplier than the class determined by the declared values; and

   (c) when the Member State authorities test the unit of the model, the determined values (the values of the relevant parameters as measured in testing and the values calculated from these measurements) comply with the respective verification tolerances as given in Table 6.

3. If the results referred to in points 2(a) or (b) are not achieved, the model and all models that have been listed as equivalent household washing machine or household washer-dryer models in the supplier's technical documentation shall be considered not to comply with this Regulation.

4. If the result referred to in point 2(c) is not achieved, the Member State authorities shall select three additional units of the same model for testing. As an alternative, the three additional units selected may be of one or more different models that have been listed as equivalent models in the supplier's technical documentation.

5. The model shall be considered to comply with the applicable requirements if for these three units, the arithmetical mean of the determined values complies with the respective tolerances given in Table 6.

6. If the result referred to in point 5 is not achieved, the model and all models that have been listed as equivalent household washing machine or household washer-dryer models in the supplier's technical documentation shall be considered not to comply with this Regulation.

7. The Member State authorities shall provide all relevant information to the authorities of the other Member States and to the Commission without delay after a decision being taken on the non-compliance of the model according to points 3 and 6.

Member States' authorities shall use measurement procedures which take into account the generally recognised, state-of-the-art, reliable, accurate and reproducible measurement methods,

including methods set out in documents whose reference numbers have been published for that purpose in the *Official Journal of the European Union*. The Member State authorities shall use the measurement and calculation methods set out in Annex III.

The Member State authorities shall only apply the verification tolerances that are set out in Table 6 and shall only use the procedure described in points 1 to 7 for the requirements referred to in this Annex. No other tolerances, such as those set out in harmonised standards or in any other measurement method, shall be applied.

Table 6 - Verification tolerances

Parameter	**Verification tolerances**
Energy consumption (E_t)	The measured value shall not be greater than the rated value of E_t by more than 10 %. Where three additional units need to be selected, the arithmetic mean of the determined values of these three units shall not exceed the declared value of the energy consumption by more than 10 %.
Water consumption (W_t)	The measured value shall not be greater than the rated value of Wt by more than 10 %.
Programme duration	The determined value of the programme duration shall not exceed the declared value by more than 5% or by more than 10 minutes, whichever is smaller.
Temperature inside the laundry (T)	The determined value shall not be smaller than the declared values by more than 2K and it shall not exceed the declared value by more than 2K.
Remaining moisture content (D)	The measured value shall not be greater than the rated value of D by more than 10 %.
Spin speed (S)	The measured value shall not be less than the rated value of S by more than 10 %.
Power consumption in off mode (P_{off})	The determined value of power consumption P_{off} shall not exceed the declared value by more than 10%.
Power consumption in standby mode (P_{sm})	The determined value of power consumption P_{sm} shall not exceed the declared value by more than 10%.
Power consumption in network standby (P_{ns})	The determined value of power consumption P_{ns} shall not exceed the declared value by more than 10%.
Power consumption in delay start (P_{ds})	The determined value of power consumption P_{ds} shall not exceed the declared value by more than 10%.
Duration of interaction mode (T_{im})	The determined value of duration T_{im} shall not exceed the declared value by more than 10%.
Airborne acoustical noise emissions	The measured value shall not exceed the declared value.