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ANNEXES 1 to 15

ANNEXES

to the

COMMISSION DELEGATED REGULATION (EU) .../...

amending Delegated Regulations (EU) No 1059/2010, (EU) No 1060/2010, (EU) No 1061/2010, (EU) No 1062/2010, (EU) No 626/2011, (EU) No 392/2012, (EU) No 874/2012, (EU) No 665/2013, (EU) No 811/2013, (EU) No 812/2013, (EU) No 65/2014, (EU) No 1254/2014, (EU) 2015/1094, (EU) 2015/1186 and (EU) 2015/1187 with regard to the use of tolerances in verification procedures

ANNEX I
Amendments to Annex V to Delegated Regulation (EU) No 1059/2010

Annex V is replaced by the following:

‘ANNEX V

Product compliance verification by market surveillance authorities

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 Delegated 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 5(b) of Directive 2010/30/EU, 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 pursuant to point (iii) of the above-mentioned Article; and
 - (b) the values published on the label and in the product fiche, and the values used to determine these values and the label classes, are not more favourable for the supplier than the values given in the technical documentation, including in the test reports; and
 - (c) when the Member State authorities test the unit of the model, the measurements obtained for all the parameters, and the values calculated from these measurements, are within the respective verification tolerances as given in Table 1.
- (3) If the results referred to in points 2(a) and (b) are not achieved, the model and all models that have been listed as equivalent household dishwasher models in the supplier’s technical documentation shall be considered not to comply with this Delegated 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.
- (5) The model shall be considered to comply with the applicable requirements if, for these three units, the arithmetical mean of the values of the relevant parameters as measured in testing and the values calculated from these measurements are within the respective tolerances given in Table 1.
- (6) If the result referred to in point 5 is not achieved, the model and all models that have been listed as equivalent household dishwasher models in the supplier’s technical documentation shall be considered not to comply with this Delegated Regulation.

- (7) The Member State authorities shall provide all relevant information to the authorities of the other Member States and to the Commission within one month of a decision being taken on the non-compliance of the model according to points 3 and 6.

The Member State authorities shall use the measurement and calculation methods set out in Annex VII.

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

Table 1 — Verification tolerances	
<i>Parameters</i>	<i>Verification tolerances</i>
Annual energy consumption	The determined value shall not exceed the declared value of AE_C by more than 10 %.
Water consumption	The determined value shall not exceed the declared value of W_t by more than 10 %.
Drying efficiency index	The determined value shall not be less than the declared value of I_D by more than 19 %.
Energy consumption	The determined value shall not exceed the declared 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 E_t by more than 6 %.
Programme time	The determined value shall not exceed the declared values T_t by more than 10 %.
Power consumption in off mode and left-on mode	The determined value of power consumption P_o and P_l of more than 1.00 W shall not exceed the declared values by more than 10 %. The determined value of power consumption P_o and P_l of less than or equal to 1.00 W shall not exceed the declared value by more than 0.10 W.
Duration of left-on mode	The determined value shall not exceed the declared value of T_l by more than 10 %.
Airborne acoustical noise emissions	The determined value shall meet the declared value.

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ANNEX II
Amendments to Annex VII to Delegated Regulation (EU) No 1060/2010

Annex VII is replaced by the following:

‘ANNEX VII

Product compliance verification by market surveillance authorities

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 Delegated 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 5(b) of Directive 2010/30/EU, 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 pursuant to point (iii) of the above-mentioned Article; and
 - (b) the values published on the label and in the product fiche, and the values used to determine these values and the label classes, are not more favourable for the supplier than the values given in the technical documentation, including in the test reports; and
 - (c) when the Member State authorities test the unit of the model, the measurements obtained for all the parameters, and the values calculated from these measurements, are within the respective verification tolerances as given in Table 1.
- (3) If the results referred to in points 2(a) and (b) are not achieved, the model and all models that have been listed as equivalent household refrigerating appliance models in the supplier’s technical documentation shall be considered not to comply with this Delegated 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.
- (5) The model shall be considered to comply with the applicable requirements if for these three units the arithmetical mean of the values of the relevant parameters as measured in testing and the values calculated from these measurement(s) are within the respective tolerances given in Table 1.
- (6) If the result referred to in point 5 is not achieved, the model and all models that have been listed as equivalent household refrigerating appliance models in the supplier’s technical documentation shall be considered not to comply with this Delegated Regulation.

- (7) The Member State authorities shall provide all relevant information to the authorities of the other Member States and to the Commission within one month of a decision being taken on the non-compliance of the model according to points 3 and 6.

The Member State authorities shall use the measurement and calculation methods set out in Annexes VI and VIII.

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

Table 1 — Verification tolerances	
<i>Parameters</i>	<i>Verification tolerances</i>
Gross volume	The determined value shall not be less than the declared value by more than 3 % or 1 litre, whichever is the greater value.
Storage volume	The determined value shall not be less than the declared value by more than 3 % or 1 litre, whichever is the greater value. Where the volumes of the cellar compartment and the fresh food storage compartment can be adjusted, relative to one another, by the user, the volume shall be tested when the cellar compartment is adjusted to its minimum volume.
Freezing capacity	The determined value shall not be less than the declared value by more than 10 %.
Energy consumption	The determined value shall not exceed the declared value (E_{24h}) by more than 10 %.
Wine storage appliances	The measured for the relative humidity observed in testing shall not exceed the nominal range by more than 10 % in any direction.
Airborne acoustical noise emissions	The determined value shall meet the declared value.

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ANNEX III
Amendments to Annex V to Delegated Regulation (EU) No 1061/2010

Annex V is replaced by the following:

‘ANNEX V

Product compliance verification by market surveillance authorities

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 Delegated 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 5(b) of Directive 2010/30/EU, 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 pursuant to point (iii) of the above-mentioned Article; and
 - (b) the values published on the label and in the product fiche, and the values used to determine these values and the label classes, are not more favourable for the supplier than the values given in the technical documentation, including in the test reports; and
 - (c) when the Member State authorities test the unit of the model, the measurements obtained for all the parameters, and the values calculated from these measurements, are within the respective verification tolerances as given in Table 1.
- (3) If the results referred to in points 2(a) and (b) are not achieved, the model and all models that have been listed as equivalent household washing machine models in the supplier's technical documentation shall be considered not to comply with this Delegated 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.
- (5) The model shall be considered to comply with the applicable requirements if for these three units the arithmetical mean of the values of the relevant parameters as measured in testing and the values calculated from these measurement(s) are within the respective tolerances given in Table 1.
- (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 models in the supplier's technical documentation shall be considered not to comply with this Delegated Regulation.

- (7) The Member State authorities shall provide all relevant information to the authorities of the other Member States and to the Commission within one month of 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 VII.

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

Table 1 — Verification tolerances	
<i>Parameters</i>	<i>Verification tolerances</i>
Annual energy consumption	The determined value shall not exceed the declared value of AE_C by more than 10 %.
Energy consumption	The determined value shall not exceed the declared 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 E_t by more than 6 %.
Programme time	The determined value shall not exceed the declared values T_t by more than 10 %.
Water consumption	The determined value shall not exceed the declared value of W_t by more than 10 %.
Remaining moisture content	The determined value shall not exceed the declared value of D by more than 10 %.
Spin speed	The determined value shall not be less than the declared value by more than 10 %.
Power consumption in off mode and left-on mode	Determined values of power consumption P_o and P_l of more than 1.00 W shall not exceed the declared values by more than 10 %. The determined values of power consumption P_o and P_l of less than or equal to 1.00 W shall not exceed the declared values by more than 0.10 W.
Duration of the left-on mode	The determined value shall not exceed the declared value of T_l by more than 10 %.
Airborne acoustical noise emissions	The determined value shall meet the declared value.

ANNEX IV

Amendments to Annexes VII and VIII to Delegated Regulation (EU) No 1062/2010

- (1) Annex VII is amended as follows:
 - (a) In part 2, subparagraph (iv) of paragraph (a) is deleted.
 - (b) Part 3 is deleted.
 - (c) In part 4, the title is replaced by the following:
 - (d) ‘4. Measurements of peak luminance ratio referred to in Table 2 of Annex VIII’.
- (2) Annex VIII is replaced by the following:

‘ANNEX VIII

Product compliance verification by market surveillance authorities

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 Delegated 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 5(b) of Directive 2010/30/EU, 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 pursuant to point (iii) of the above-mentioned Article; and
 - (b) the values published on the label and in the product fiche, and the values used to determine these values and the label classes, are not more favourable for the supplier than the values given in the technical documentation, including in the test reports; and
 - (c) when the Member State authorities test the unit of the model, the measurements obtained for all the parameters, and the values calculated from these measurements, are within the respective verification tolerances as given in Table 2.
- (3) If the result referred to in points 2(a) and (b) are not achieved, the model shall be considered not to comply with this Delegated 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.
- (5) The model shall be considered to comply with the applicable requirements if for these three units the arithmetical mean of the values of the relevant parameters as measured

in testing and the values calculated from these measurements are within the respective tolerances given in Table 2.

- (6) If the result referred to in point 5 is not achieved, the model shall be considered not to comply with this Delegated Regulation.
- (7) The Member State authorities shall provide all relevant information to the authorities of the other Member States and to the Commission within one month of a decision being taken on the non-compliance of the model according to points 3 and 6.

The Member State authorities shall use the measurement and calculation methods set out in Annex VII.

The Member State authorities shall only apply the verification tolerances that are set out in Table 2 and shall only use the procedure described in points 1 to 7. No other tolerances, such as those set out in harmonised standards or in any other measurement method, shall be applied.

Table 2 — Verification tolerances	
<i>Parameters</i>	<i>Verification tolerances</i>
On-mode power consumption	The determined value shall not exceed the declared value by more than 7 %.
Off-mode/standby power consumption	The determined value shall not exceed the declared value by more than 0.10 W.
Peak luminance ratio	The determined value shall not be lower than 60 % of the peak luminance of the brightest on-mode condition provided by the television.

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ANNEX V
Amendments to Annex VIII to Delegated Regulation (EU) No 626/2011

Annex VIII is replaced by the following:

‘ANNEX VIII

Product compliance verification by market surveillance authorities

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 Delegated 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 5(b) of Directive 2010/30/EU, 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 pursuant to point (iii) of the above-mentioned Article; and
 - (b) the values published on the label and in the product fiche, and the values used to determine these values and the label classes, are not more favourable for the supplier than the values given in the technical documentation, including in the test reports; and
 - (c) when the Member State authorities test the unit of the model, the measurements obtained for all the parameters, and the values calculated from these measurements, are within the respective verification tolerances as given in Table 1.
- (3) If the results referred to in points 2(a) and (b) are not achieved, the model shall be considered not to comply with this Delegated 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.
- (5) The model shall be considered to comply with the applicable requirements if for these three units the arithmetical mean of the values of the relevant parameters as measured in testing and the values calculated from these measurement(s) are within the respective tolerances given in Table 1.
- (6) If the result referred to in point 5 is not achieved, the model shall be considered not to comply with this Delegated Regulation.
- (7) The Member State authorities shall provide all relevant information to the authorities of the other Member States and to the Commission within one month of a decision being taken on the non-compliance of the model according to points 3 and 6.

The Member State authorities shall use the measurement and calculation methods set out in Annex VII.

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

Table 1 — Verification tolerances	
<i>Parameters</i>	<i>Verification tolerances</i>
Seasonal energy efficiency ratio (SEER)	The determined value shall not be lower than the declared value by more than 8 %.
Seasonal coefficient of performance (SCOP)	The determined value shall not be lower than the declared value by more than 8 %.
Power consumption in off mode	The determined value shall not exceed the declared value by more than 10 %.
Power consumption in standby mode	The determined value shall not exceed the declared value by more than 10 %.
Energy efficiency ratio (EER_{rated})	The determined value shall not be lower than the declared value by more than 10 %.
Coefficient of performance (COP_{rated})	The determined value shall not be lower than the declared value by more than 10 %.
Sound power level	The determined value shall not exceed the declared value by more than 2 dB(A).

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ANNEX VI
Amendments to Annex V to Delegated Regulation (EU) No 392/2012

Annex V is replaced by the following:

‘ANNEX V

Product compliance verification by market surveillance authorities

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 Delegated 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 5(b) of Directive 2010/30/EU, 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 pursuant to point (iii) of the above-mentioned Article; and
 - (b) the values published on the label and in the product fiche, and the values used to determine these values and the label classes, are not more favourable for the supplier than the values given in the technical documentation, including in the test reports; and
 - (c) when the Member State authorities test the unit of the model, the measurements obtained for all the parameters, and the values calculated from these measurements, are within the respective verification tolerances as given in Table 1.
- (3) If the results referred to in points 2(a) and (b) are not achieved, the model and all models that have been listed as equivalent household tumble drier models in the supplier's technical documentation shall be considered not to comply with this Delegated 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.
- (5) The model shall be considered to comply with the applicable requirements if for these three units the arithmetical mean of the values of the relevant parameters as measured in testing and the values calculated from these measurement(s) are within the respective tolerances given in Table 1.
- (6) If the result referred to in point 5 is not achieved, the model and all models that have been listed as equivalent household tumble drier models in the supplier's technical documentation shall be considered not to comply with this Delegated Regulation.

- (7) The Member State authorities shall provide all relevant information to the authorities of the other Member States and to the Commission within one month of 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 VII.

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

Table 1 — Verification tolerances	
<i>Parameters</i>	<i>Verification tolerances</i>
Weighted annual energy consumption	The determined value shall not exceed the declared value (*) of AE_C by more than 6 %.
Weighted energy consumption	The determined value shall not exceed the declared value of E_t by more than 6 %.
Weighted condensation efficiency	The determined value shall not be less than the declared value of C_t by more than 6 %.
Weighted programme time	The determined value shall not exceed the declared value of T_t by more than 6 %.
Power consumption in off mode and left-on mode	The determined values of power consumption P_o and P_l of more than 1.00 W shall not exceed the declared values by more than 6 %. The determined value of power consumption P_o and P_l of less than or equal to 1.00 W shall not exceed the declared values by more than 0.10 W.
Duration of the left-on mode	The determined value shall not exceed the declared value of T_l by more than 6 %.
Sound power level, L_{WA}	The determined value shall not exceed the declared value.

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ANNEX VII
Amendments to Annex V to Delegated Regulation (EU) No 874/2012

Annex V is replaced by the following:

‘ANNEX V

Product compliance verification by market surveillance authorities

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 Delegated Regulation, for the requirements referred to in this Annex, the authorities of the Member States shall apply the following procedure:

1. VERIFICATION PROCEDURE FOR ELECTRICAL LAMPS AND LED MODULES MARKETED AS INDIVIDUAL PRODUCTS

- (1) The Member State authorities shall verify a sample batch of a minimum of 20 lamps of the same model from the same supplier, where possible obtained in equal proportions from four randomly selected sources.
- (2) The model shall be considered to comply with the applicable requirements if:
 - (a) the values given in the technical documentation pursuant to Article 5(b) of Directive 2010/30/EU, 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 pursuant to point (iii) of the above-mentioned Article; and
 - (b) the values published on the label and in the product fiche, and the values used to determine these values and the label classes, are not more favourable for the supplier than the values given in the technical documentation, including in the test reports; and
 - (c) when testing the models, the arithmetical mean of the values of the relevant parameters as measured in testing and the values calculated from these measurement(s) are within the respective tolerance of 10 %.
- (3) If the results referred to in points 2(a), (b) or (c) are not achieved, the model shall be considered not to comply with this Delegated Regulation.
- (4) The Member State authorities shall provide all relevant information to the authorities of the other Member States and to the Commission within one month of a decision being taken on the non-compliance of the model according to point 3.

The Member State authorities shall use measurement procedures that reflect generally recognised, current best practice and are reliable, accurate and reproducible, 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 VII.

The Member State authorities shall only apply the verification tolerance of 10 % and shall only use the procedure described in points 1 to 4. No other tolerances, such as those set out in harmonised standards or in any other measurement method, shall be applied.

2. VERIFICATION PROCEDURE FOR LUMINAIRES INTENDED TO BE MARKETED OR MARKETED TO THE END-USER

The luminaire shall be considered to comply with the requirements laid down in this Regulation if it is accompanied by the required product information, if it is claimed to be compatible with all the lamp label classes it is compatible with, and if, when applying state-of-the-art methods and criteria for assessing compatibility, it is found to be compatible with the lamp label classes with which it is claimed to be compatible pursuant to points (2)(IV)(a) and (b) of part 2 of Annex I. ’

ANNEX VIII
Amendments to Annex VII to Delegated Regulation (EU) No 665/2013

Annex VII is replaced by the following:

‘ANNEX VII

Product compliance verification by market surveillance authorities

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 Delegated 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 5(b) of Directive 2010/30/EU, 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 pursuant to point (iii) of the above-mentioned Article; and
 - (b) the values published on the label and in the product fiche, and the values used to determine these values and the label classes, are not more favourable for the supplier than the values given in the technical documentation, including in the test reports; and
 - (c) when the Member State authorities test the unit of the model, the measurements obtained for all the parameters, and the values calculated from these measurements, are within the respective verification tolerances as given in Table 4.
- (3) If the results referred to in points 2(a) and (b) are not achieved, the model and all models that have been listed as equivalent vacuum cleaner models in the supplier’s technical documentation shall be considered not to comply with this Delegated 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 vacuum cleaner 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 values of the relevant parameters as measured in testing and the values calculated from these measurement(s) are within the respective tolerances given in Table 4.
- (6) If the result referred to in point 5 is not achieved, the model and all models that have been listed as equivalent vacuum cleaner models in the supplier’s technical documentation shall be considered not to comply with this Delegated Regulation.

- (7) The Member State authorities shall provide all relevant information to the authorities of the other Member States and to the Commission within one month of a decision being taken on the non-compliance of the model according to points 3 and 6.

The Member State authorities shall use the measurement and calculation methods set out in Annex VI.

The Member State authorities shall only apply the verification tolerances that are set out in Table 4 and shall only use the procedure described in points 1 to 7. No other tolerances, such as those set out in harmonised standards or in any other measurement method, shall be applied.

Table 4 — Verification tolerances	
<i>Parameters</i>	<i>Verification tolerances</i>
Annual energy consumption	The determined value shall not exceed the declared value by more than 10 %.
Dust pick up on carpet	The determined value shall not be lower than the declared value by more than 0.03.
Dust pick up on hard floor	The determined value shall not be lower than the declared value by more than 0.03.
Dust re-emission	The determined value shall not exceed the declared value by more than 15 %.
Sound power level	The determined value shall not exceed the declared value.

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ANNEX IX
Amendments to Annex VIII to Delegated Regulation (EU) No 811/2013

Annex VIII is replaced by the following:

‘ANNEX VIII

Product compliance verification by market surveillance authorities

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 Delegated 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 5(b) of Directive 2010/30/EU, 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 pursuant to point (iii) of the above-mentioned Article; and
 - (b) the values published on the label and in the product fiche, and the values used to determine these values and the label classes, are not more favourable for the supplier than the values given in the technical documentation, including in the test reports; and
 - (c) when the Member State authorities test the unit of the model, the measurements obtained for all the parameters, and the values calculated from these measurements, are within the respective verification tolerances as given in Table 16.
- (3) If the results referred to in points 2(a) and (b) are not achieved, the model shall be considered not to comply with this Delegated 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.
- (5) The model shall be considered to comply with the applicable requirements if for these three units the arithmetical mean of the values of the relevant parameters as measured in testing and the values calculated from these measurement(s) are within the respective tolerances given in Table 16.
- (6) If the result referred to in point 5 is not achieved, the model shall be considered not to comply with this Delegated Regulation.
- (7) The Member State authorities shall provide all relevant information to the authorities of the other Member States and to the Commission within one month of a decision being taken on the non-compliance of the model according to points 3 and 6.

The Member State authorities shall use the measurement and calculation methods set out in Annex VII.

The Member State authorities shall only apply the verification tolerances that are set out in Table 16 and shall only use the procedure described in points 1 to 7. No other tolerances, such as those set out in harmonised standards or in any other measurement method, shall be applied.

Table 16 — Verification tolerances	
<i>Parameters</i>	<i>Verification tolerances</i>
Space-heating energy efficiency, η_s	The determined value shall not be lower than the declared value by more than 8 %.
Water-heating energy efficiency, η_{wh}	The determined value shall not be lower than the declared value by more than 8 %.
Sound power level	The determined value shall not exceed the declared value by more than 2 dB(A).
Class of the temperature control	The class of the temperature controls corresponds to the declared class of the unit.
Collector efficiency, η_{col}	The determined value shall not be lower than the declared value by more than 5 %.
Standing loss, S	The determined value shall not exceed the declared value by more than 5 %.
Auxiliary electricity consumption, Q_{aux}	The determined value shall not exceed the declared value by more than 5 %.

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ANNEX X
Amendments to Annex IX to Delegated Regulation (EU) No 812/2013

Annex IX is replaced by the following:

‘ANNEX IX

Product compliance verification by market surveillance authorities

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 Delegated 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 5(b) of Directive 2010/30/EU, 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 pursuant to point (iii) of the above-mentioned Article; and
 - (b) the values published on the label and in the product fiche, and the values used to determine these values and the label classes, are not more favourable for the supplier than the values given in the technical documentation, including in the test reports; and
 - (c) when the Member State authorities test the unit of the model, the measurements obtained for all the parameters, and the values calculated from these measurements, are within the respective verification tolerances as given in Table 9.
- (3) If the results referred to in points 2(a) and (b) are not achieved, the model and all other equivalent water heater models, hot water storage tanks models, solar device models or package of water heater and solar device models shall be considered not to comply with this Delegated 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.
- (5) The model shall be considered to comply with the applicable requirements if for these three units the arithmetical mean of the values of the relevant parameters as measured in testing and the values calculated from these measurement(s) are within the respective tolerances given in Table 9.
- (6) If the result referred to in point 5 is not achieved, the model and all other equivalent water heater models, hot water storage tanks models, solar device models or package of water heater and solar device models shall be considered not to comply with this Delegated Regulation.

- (7) The Member State authorities shall provide all relevant information to the authorities of the other Member States and to the Commission within one month of a decision being taken on the non-compliance of the model according to points 3 and 6.

The Member State authorities shall use the measurement and calculation methods set out in Annex VII and Annex VIII.

The Member State authorities shall only apply the verification tolerances that are set out in Table 9 and shall only use the procedure described in points 1 to 7. No other tolerances, such as those set out in harmonised standards or in any other measurement method, shall be applied.

Table 9 — Verification tolerances	
<i>Parameters</i>	<i>Verification tolerances</i>
Daily electricity consumption, Q_{elec}	The determined value shall not exceed the declared value by more than 5 %.
Sound power level, L_{WA} , indoors and/or outdoors	The determined value shall not exceed the declared value by more than 2 dB.
Daily fuel consumption, Q_{fuel}	The determined value shall not exceed the declared value by more than 5 %.
Weekly fuel consumption with smart controls, $Q_{fuel,week,smart}$	The determined value shall not exceed the declared value by more than 5 %.
Weekly electricity consumption with smart controls, $Q_{elec,week,smart}$	The determined value shall not exceed the declared value by more than 5 %.
Weekly fuel consumption without smart controls, $Q_{fuel,week}$	The determined value shall not exceed the declared value by more than 5 %.
Weekly electricity consumption without smart controls, $Q_{elec,week}$	The determined value shall not exceed the declared value by more than 5 %.
Storage volume, V	The determined value shall not be lower than the declared value by more than 2 %.
Collector aperture area, A_{sol}	The determined value shall not be lower than the declared value by more than 2 %.
Pump power consumption, $solpump$	The determined value shall not exceed the declared value by more than 3 %.
Standby power consumption, $solstandby$	The determined value shall not exceed the declared value by more than 5 %.
Standing loss, S	The determined value shall not exceed the declared value by more than 5 %.

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ANNEX XI
Amendments to Annex VIII to Delegated Regulation (EU) No 65/2014

Annex VIII is replaced by the following:

‘ANNEX VIII

Product compliance verification by market surveillance authorities

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 Delegated 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 5(b) of Directive 2010/30/EU, 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 pursuant to point (iii) of the above-mentioned Article; and
 - (b) the values published on the label and in the product fiche, and the values used to determine these values and the label classes, are not more favourable for the supplier than the values given in the technical documentation, including in the test reports; and
 - (c) when the Member State authorities test the unit of the model, the measurements obtained for all the parameters, and the values calculated from these measurements, are within the respective verification tolerances as given in Table 6.
- (3) If the results referred to in points 2(a) and (b) are not achieved, the model and all models that have been listed as equivalent models in the supplier’s technical documentation shall be considered not to comply with this Delegated 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 values of the relevant parameters as measured in testing and the values calculated from these measurement(s) are within 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 models in the supplier’s technical documentation shall be considered not to comply with this Delegated Regulation.

- (7) The Member State authorities shall provide all relevant information to the authorities of the other Member States and to the Commission within one month of a decision being taken on the non-compliance of the model according to points 3 and 6.

The Member State authorities shall use the measurement and calculation methods set out in Annex II.

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. No other tolerances, such as those set out in harmonised standards or in any other measurement method, shall be applied.

Table 6 — Verification tolerances	
<i>Parameters</i>	<i>Verification tolerances</i>
Mass of the oven, M	The determined value shall not exceed the declared value of M by more than 5 %.
Volume of the cavity of the oven, V	The determined value shall not exceed the declared value of V by more than 5 %.
$EC_{electric\ cavity}$, $EC_{gas\ cavity}$	The determined value shall not exceed the declared value of $EC_{electric\ cavity}$ and $EC_{gas\ cavity}$ by more than 5 %.
W_{BEP} , W_L	The determined value shall not exceed the declared value of W_{BEP} and W_L by more than 5 %.
Q_{BEP} , P_{BEP}	The determined value shall not be lower than the declared value of Q_{BEP} and P_{BEP} by more than 5 %.
Q_{max}	The determined value shall not exceed the declared value of Q_{max} by more than 8 %.
E_{middle}	The determined value shall not be lower than the declared value of E_{middle} by more than 5 %.
GFE_{hood}	The determined value shall not be lower than the declared value of GFE_{hood} by more than 5 %.
P_o , P_s	The determined value of power consumption P_o and P_s shall not exceed the declared value by more than 10 %. The determined values of power consumption P_o and P_s of less than or equal to 1.00 W shall not exceed the declared values by more than 0.10 W.
Sound power level, L_{WA}	The determined value shall not exceed the declared value.

ANNEX XII
Amendments to Annex IX to Delegated Regulation (EU) No 1254/2014

Annex IX is replaced by the following:

‘ANNEX IX

Product compliance verification by market surveillance authorities

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 Delegated 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 5(b) of Directive 2010/30/EU, 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 pursuant to point (iii) of the above-mentioned Article; and
 - (b) the values published on the label and in the product fiche, and the values used to determine these values and the label classes, are not more favourable for the supplier than the values given in the technical documentation, including in the test reports; and
 - (c) when the Member State authorities test the unit of the model, the measurements obtained for all the parameters, and the values calculated from these measurements, are within the respective verification tolerances as given in Table 1.
- (3) If the results referred to in points 2(a) and (b) are not achieved, the model and all other equivalent models shall be considered not to comply with this Delegated 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.
- (5) The model shall be considered to comply with the applicable requirements if for these three units the arithmetical mean of the values of the relevant parameters as measured in testing and the values calculated from these measurement(s) are within the respective tolerances given in Table 1.
- (6) If the result referred to in point 5 is not achieved, the model and all other equivalent models shall be considered not to comply with this Delegated Regulation.
- (7) The Member State authorities shall provide all relevant information to the authorities of the other Member States and to the Commission within one month of a decision being taken on the non-compliance of the model according to points 3 and 6.

The Member State authorities shall use the measurement and calculation methods set out in Annex VIII.

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

Table 1 — Verification tolerances	
<i>Parameters</i>	<i>Verification tolerances</i>
SPI	The determined value shall be no more than 1.07 times the maximum declared value.
Thermal efficiency RVU	The determined value shall be no less than 0.93 times the minimum declared value.
Sound power level	The determined value shall be no more than the maximum declared value plus 2 dB.

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ANNEX XIII
Amendments to Annex X to Delegated Regulation (EU) 2015/1094

Annex X is replaced by the following:

‘ANNEX X

Product compliance verification by market surveillance authorities

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 Delegated 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 5(b) of Directive 2010/30/EU, 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 pursuant to point (iii) of the above-mentioned Article; and
 - (b) the values published on the label and in the product fiche, and the values used to determine these values and the label classes, are not more favourable for the supplier than the values given in the technical documentation, including in the test reports; and
 - (c) when the Member State authorities test the unit of the model, the measurements obtained for all the parameters, and the values calculated from these measurements, are within the respective verification tolerances as given in Table 4.
- (3) If the results referred to in points 2(a) and (b) are not achieved, the model and all equivalent professional refrigerated storage cabinets that have been listed as equivalent models in the supplier’s technical documentation shall be considered not to comply with this Delegated 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 technical documentation.
- (5) The model shall be considered to comply with the applicable requirements if for these three units the arithmetical mean of the values of the relevant parameters as measured in testing and the values calculated from these measurement(s) are within the respective tolerances given in Table 4.
- (6) If the result referred to in point 5 is not achieved, the model and all equivalent professional refrigerated storage cabinets that have been listed as equivalent models

in the supplier's technical documentation shall be considered not to comply with this Delegated Regulation.

- (7) The Member State authorities shall provide all relevant information to the authorities of the other Member States and to the Commission within one month of a decision being taken on the non-compliance of the model according to points 3 and 6.

The Member State authorities shall use the measurement and calculation methods set out in Annexes VIII and IX.

The Member State authorities shall only apply the verification tolerances that are set out in Table 4 and shall only use the procedure described in points 1 to 7. No other tolerances, such as those set out in harmonised standards or in any other measurement method, shall be applied.

Table 4 — Verification tolerances	
<i>Parameters</i>	<i>Verification tolerances</i>
Net volume	The determined value shall not be lower than the rated value by more than 3 %.
Energy consumption (<i>E24h</i>)	The determined value shall not exceed the rated value by more than 10 %.

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ANNEX XIV
Amendments to Annex IX to Delegated Regulation (EU) 2015/1186

Annex IX is replaced by the following:

‘ANNEX IX

Product compliance verification by market surveillance authorities

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 Delegated 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 5(b) of Directive 2010/30/EU, 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 pursuant to point (iii) of the above-mentioned Article; and
 - (b) the values published on the label and in the product fiche, and the values used to determine these values and the label classes, are not more favourable for the supplier than the values given in the technical documentation, including in the test reports; and
 - (c) when the Member State authorities test the unit of the model, the measurements obtained for all the parameters, and the values calculated from these measurements, are within the respective verification tolerances as given in Table 6. The unit shall be tested with a fuel with characteristics in the same range as the fuel that was used by the supplier to perform the measurements described in Annex VIII.
- (3) If the results referred to in points 2(a) and (b) are not achieved, the model and all models that have been listed as equivalent models in the supplier’s technical documentation shall be considered not to comply with this Delegated 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 values of the relevant parameters as measured in testing and the values calculated from these measurement(s) are within 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 models in the supplier's technical documentation shall be considered not to comply with this Delegated Regulation.
- (7) The Member State authorities shall provide all relevant information to the authorities of the other Member States and to the Commission within one month of a decision being taken on the non-compliance of the model according to points 3 and 6.

The Member State authorities shall use the measurement and calculation methods set out in Annex VIII.

The Member State authorities shall only apply the verification tolerances that are set out in Table 9 and shall only use the procedure described in points 1 to 7. No other tolerances, such as those set out in harmonised standards or in any other measurement method, shall be applied.

Table 6 — Verification tolerances	
<i>Parameter</i>	<i>Verification tolerance</i>
Energy efficiency index	The determined value shall not be lower than the declared value by more than 8 %.

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ANNEX XV
Amendments to Annex X to Delegated Regulation (EU) 2015/1187

Annex X is replaced by the following:

‘ANNEX X

Product compliance verification by market surveillance authorities

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 Delegated 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 5(b) of Directive 2010/30/EU, 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 pursuant to point (iii) of the above-mentioned Article; and
 - (b) the values published on the label and in the product fiche, and the values used to determine these values and the label classes, are not more favourable for the supplier than the values given in the technical documentation, including in the test reports; and
 - (c) when the Member State authorities test the unit of the model, the measurements obtained for all the parameters, and the values calculated from these measurements, are within the respective verification tolerances as given in Table 5. The unit shall be tested with a fuel with characteristics in the same range as the fuel that was used by the supplier to perform measurements according to Annex VIII.
- (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 models in the supplier's technical documentation shall be considered not to comply with this Delegated 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 values of the relevant parameters as measured in testing and the values calculated from these measurement(s) are within the respective verification tolerances given in Table 5.

- (6) If the result referred to in point 5 is not achieved, the model and all models that have been listed as equivalent models in the supplier's technical documentation shall be considered not to comply with this Delegated Regulation.
- (7) The Member State authorities shall provide all relevant information to the authorities of the other Member States and to the Commission within one month of a decision being taken on the non-compliance of the model according to points 3 and 6.

The Member State authorities shall use the measurement and calculation methods set out in Annex VIII and IX.

The Member State authorities shall only apply the verification tolerances that are set out in Table 5 and shall only use the procedure described in points 1 to 7. No other tolerances, such as those set out in harmonised standards or in any other measurement method, shall be applied.

Table 5 — Verification tolerances	
<i>Parameter</i>	<i>Verification tolerance</i>
Energy efficiency index	The determined value shall not be lower than the declared value by more than 6 %.

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