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From:	European Commission
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To:	General Secretariat of the Council
Subject:	ANNEX to the COMMISSION REGULATION (EU) .../... of XXX amending Regulation (EU) 2024/1834 as regards definitions, transitional provisions, verification tolerances, test results corrections and other provisions that relate to fan speed (Text with EEA relevance)

Delegations will find attached document D(2025) 107317 annex.

Encl.: D(2025) 107317 annex



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ANNEX

ANNEX

to the

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

**amending Regulation (EU) 2024/1834 as regards definitions, transitional provisions,
verification tolerances, test results corrections and other provisions that relate to fan
speed**

ANNEX

Annexes I, II, III and IV to Regulation (EU) 2024/1834 are amended as follows:

(1) Annex I is amended as follows:

- (a) point (36) is deleted;
- (b) the following points (40) and (41) are added:
 - ‘(40) ‘tip speed’ (u_{tip}), in m/s, means the peripheral speed of the impeller blade tips;
 - (41) ‘impeller diameter’ ($D_{impeller}$), in mm, means the maximum diameter measured over the tips of the blades of the impeller.’;

(2) Annex II is amended as follows:

- (a) after the heading ‘ECODESIGN REQUIREMENTS FOR FANS’, in the second paragraph, the introductory sentence is replaced by the following:
 - ‘However, until 24 July 2037, spare part fans replacing fans
 - placed on the market before 24 July 2026 and integrated into products, or
 - complying with all criteria under (a) to (d) above and integrated into productsare exempt from the requirements set out in points 1 to 5, provided that:’;
- (b) point (2)(2)(l) is replaced by the following:
 - ‘(l) inherent speed at BEP or T_m (in rpm, rounded to the nearest integer)’;
- (c) in point (3)(1), first paragraph, the second sentence is replaced by the following:
 - ‘This shall be described by a minimum of three performance curves at different speeds: one at the inherent speed, one at a lower speed of between 40 % and 50 % of the inherent speed, plus an additional one in the middle (± 10 percentage points) of the other two.’;

(3) Annex III is amended as follows:

- (a) in point (3), the following third paragraph is added:
 - ‘Where relevant, test results shall be corrected as specified in the applicable standards, to produce values reflecting standard air conditions and, when applicable, also the applicable inherent speed. The details of such corrections shall be provided in the technical documentation’.
- (b) in point (6)(6.1), the sentence ‘ C_c is a correction factor for part load compensation with one of the following values:’ is replaced by the following:
 - ‘ C_c is a correction factor for part load compensation with one of the following values, as a function of the electric input power P_e (expressed in kW):’;
- (c) in Table 2, the text in the column ‘Notes and short description’ for parameter ‘Electric input power P_e (in kW)’ is replaced by the following:
 - ‘The electric input power at BEP, measured at main terminals of motor or, when present, variable speed drive. EN IEC/60034-2-1:2014 for the electric input power of electric motors fed directly from the grid, EN IEC 61800-9-2:2017 for the electric

input power of electric motors combined with and fed by a CDM), including the applicable clauses with respect to ambient temperature during testing (clauses 5.10 and 7.10 respectively), i.e. between 15°C and 30°C.’;

(4) Annex IV is amended as follows:

(a) point (2) is replaced by the following:

‘2. Where a model is not in conformity with the requirements laid down in Article 40 of Regulation (EU) 2024/1781, the model and all equivalent models shall be considered not compliant.’;

(b) point (3)(b)(iv) is replaced by the following:

‘when the Member State authorities test the unit of the model, the determined values (the values of the relevant parameters as measured in testing, corrected where applicable to standard air conditions), and the values calculated from those measurements, comply with the respective verification tolerances set out in Table 3;’;

(c) in Table 3 ‘Verification tolerances’, the fifth row after the heading row is replaced by the following:

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Inherent speed at BEP (rpm)	The determined value* shall not differ by more than 5% from the corresponding declared value.
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