



EUROPEAN COMMISSION

Brussels, **XXX**
[...] (2012) **XXX** draft

COMMISSION REGULATION (EU) No .../..

of **XXX**

**amending Regulation (EC) no 640/2009 with regard to ecodesign requirements for
electric motors**

(Text with EEA relevance)

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THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Directive 2009/125/EC of the European Parliament and of the Council of 21 October 2009 establishing a framework for the setting of ecodesign requirements for energy-related products¹ and in particular Article 15(1) thereof,

Having regard to Commission Regulation (EC) No 640/2009 of 22 July 2009 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for electric motors²,

After consulting the Ecodesign Consultation Forum,

Whereas:

- (1) Experience gained with the implementation of Regulation (EC) No 640/2009 revealed the necessity to amend certain provisions of Regulation (EC) No.640/2009 in order to avoid unintended impacts on the motors market and on the performance of the products covered by that Regulation.
- (2) The measures provided for in this Regulation are in accordance with the opinion of the Committee established by Article 19(1) of Directive 2009/125/EC,

HAS ADOPTED THE FOLLOWING REGULATION:

Article 1

Amendments to Regulation (EC) No 640/2009

Regulation (EC) No 640/2009 is amended as follows:

- (1) Article 1 is replaced by the following

'Article 1

Subject matter and scope

1. This Regulation establishes ecodesign requirements for the placing on the market and for the putting into service of motors, including where integrated in other products.
2. This Regulation shall not apply to:
 - (a) motors designed to operate wholly immersed in a liquid;

¹ OJ L 285, 31.10.2009, p. 10.

² OJ L 191, 23.7.2009, p. 26.

- (b) motors completely integrated into a product (for example gear, pump, fan or compressor) that cannot be tested separately from the machine even with provision of a temporary end-shield and drive-end bearing and for which the separation of the motor from the rest of the product would render the motor inoperative;
 - (c) motors designed to operate exclusively:
 - (i) at altitudes exceeding 4 000 metres above sea-level;
 - (ii) where ambient air temperatures exceed 60 °C;
 - (iii) in maximum operating temperature above 400°C;
 - (iv) where ambient air temperatures are less than –20 °C for any motor or less than 0 °C for a motor with water cooling;
 - (v) where the water coolant temperature at the inlet to a product is less than 5 °C or exceeding 25 °C;
 - (vi) in potentially explosive atmospheres as defined in Directive 94/9/EC(*);
 - (d) brake motors,
- except as regards the information requirements of Annex 1, Point 2: (3), (4), (5), (6), (12).

(*) OJ L 100, 19.4.1994, p. 1.;

- (2) Annex I to Regulation (EC) No 640/2009 is amended in accordance with the Annex to this Regulation.

Article 2
Entry into force

This Regulation shall enter into force on the twentieth day following that of its publication in the *Official Journal of the European Union*.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at Brussels,

For the Commission

Member of the Commission

ANNEX

Amendments to Annex I to Regulation (EC) 640/2009

(1) Annex I, point 2 on product information requirements on motors is amended as follows.

(a) The following paragraph is added to Annex I, point 2:

'Where the size of the rating plate makes impossible to mark all the information referred to in point (1), only the nominal efficiency (η) at full rated load voltage (UN) shall be marked. The two efficiencies at 75% and 50% rated load and rated voltage (UN) shall be given in the product documentation or on a free access Web.';

This paragraph is to be added after the following paragraph:

'The information referred to in points 1, 2 and 3 shall be durably marked on or near the rating plate of the motor'.