



11 January 2021

(21-0355)

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Committee on Technical Barriers to Trade

Original:English

### NOTIFICATION

The following notification is being circulated in accordance with Article 10.6

<b>1. Notifying Member:</b> <u>EGYPT</u> <b>If applicable, name of local government involved (Article 3.2 and 7.2):</b>
<b>2. Agency responsible:</b> Egyptian Organization for Standardization and Quality 16 Tadreeb El-Modarrebeen St., Ameriya, Cairo – Egypt E-mail: <a href="mailto:eos@idsc.net.eg">eos@idsc.net.eg</a> / <a href="mailto:eos.tbt@eos.org.eg">eos.tbt@eos.org.eg</a> Website: <a href="http://www.eos.org.eg">http://www.eos.org.eg</a> Tel.: + (202) 22845528 Fax: + (202) 22845504 <b>Name and address (including telephone and fax numbers, email and website addresses, if available) of agency or authority designated to handle comments regarding the notification shall be indicated if different from above:</b>
<b>3. Notified under Article 2.9.2 [X], 2.10.1 [ ], 5.6.2 [ ], 5.7.1 [ ], other:</b>
<b>4. Products covered (HS or CCCN where applicable, otherwise national tariff heading. ICS numbers may be provided in addition, where applicable):</b> Rotating machinery in general (ICS 29.160.01)
<b>5. Title, number of pages and language(s) of the notified document:</b> The Ministerial Decree No. 463/2020 (3 pages, in Arabic) amended by Ministerial Decree No. 474/2020 (2 pages, in Arabic) mandating the following Egyptian Standards: <ul style="list-style-type: none"><li>• ES 2623-3/ 2017 for "Rotating electrical machines – part 3: Efficiency classes of line operated AC motors (IE code)" (59 pages, in English),</li><li>• ES 2623-1/2015 for "Rotating electrical machines - Part 1: Standard methods for determining losses and efficiency from tests (excluding machines for traction vehicles)" (195 pages, in English),</li><li>• ES 8268-1/2019 for "Rotating electrical machines - Part 1: - Rating and performance" (157 page(s), in English)</li></ul>
<b>6. Description of content:</b> These two Decrees No. 463/2020 and Decree No. 474/2020 give the producers and importers a six-month transitional period to abide by: <ol style="list-style-type: none"><li>1. ES 2623-3/ 2017 for "Rotating electrical machines – part 3: Efficiency classes of line operated AC motors (IE code)", and its modifications. This standard specifies efficiency classes for single-speed electric motors, for operation on a sinusoidal voltage supply, and establishes a set of limit efficiency values based on frequency, number of poles and motor power.</li><li>2. ES 2623-1/2015 for "Rotating electrical machines - Part 1: Standard methods for determining losses and efficiency from tests (excluding machines for traction vehicles)" and its modifications. This standard intended to establish methods of determining efficiencies from tests, and to</li></ol>

specify methods of obtaining specific losses, and applies to d.c. machines and to a.c. synchronous and induction machines of all sizes.

3. ES 8268-1/2019 for "Rotating electrical machines - Part 1:- Rating and performance"

This standard is applicable to all rotating electrical machines except those covered by other IEC standards for example IEC 60349.

The producers and importers of the three-phase, cage-rotor induction motors with capacities of 0.75 kilowatts and up to 375 kilowatts, given Eighteen-month transitional period to abide by no less than (IE3) energy efficiency level rating.

The producers and importers must abide by installing a special dashboard for each engine in a visible place while adhering to the required data on the dashboard according to the Egyptian Standard ES 8268-1/2019 and declaring the degree of energy efficiency (IE CODE) according to the tables of the Egyptian standard ES 2623-3/ 2017 and its modifications.

Testing and verification of energy efficiency levels for electric motors shall be conducting according to the Egyptian standard ES 2623-1, using efficiency class tables in the Egyptian standard ES 2623-3, or accompanied by an accredit certificate confirming their conformity to the energy efficiency level according to the relevant Egyptian standards

Worth mentioning is that the:

- ES 2623-3/ 2017 adopts the technical content of IEC 60034-30-1:2014.
- ES 2623-1/2015 adopts the technical content of IEC 60034-2-1:2014.
- ES 8268-1/2019 adopts the technical content of IEC 60034-1:2017.

**7. Objective and rationale, including the nature of urgent problems where applicable:** Energy conservation, testing, labelling, quality; Other

**8. Relevant documents:**

- Ministerial decrees No.463/2020.
- Ministerial decrees No.474/2020.
- IEC 60034-30-1:2014.
- IEC 60034-2-1:2014.
- IEC 60034-1:2017.

**9. Proposed date of adoption:** 4 October 2020

**Proposed date of entry into force:** 1 November 2020

**10. Final date for comments:** 60 days from notification

**11. Texts available from: National enquiry point[X] or address, telephone and fax numbers and email and website addresses, if available, of other body:**

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