



الهيئة السعودية للمواصفات والمقاييس والجودة
Saudi Standards, Metrology and Quality Org.

مكتب المحافظ

Notification

For Bodies that Signed Recognition Programs with SASO

SASO sends you its best regards and greetings and wants to notify you regarding the dates of Saudi standards application, which have been approved by SASO board of directors. The dates are shown below as following:

- 1- The Saudi mandatory standard number (SASO IEC 60034-30:2013) related to "Rotating electrical machines - Part 30: Efficiency classes of single-speed ,three-phase, cage-induction motors (IE-code)" (Scope of standard is attached)

Dated (14/09/1436) corresponding to (01/07/2015), so after this date will not be allowed to import or manufacture the Rotating Electrical Machines which are contrary to the requirements of the technical regulation.

The minimum efficiency of the Rotating Electrical Machines	Mandatory Date
IE2	01/07/2015
IE3	01/01/2017

- 2- Any CoC shall clearly state the rated efficiency and the IE-code (for example "IE2 – 84,0 %").

Kindly ,be noted that Ministry of Commerce and Industry ,and Customs Authority have confirmed that entry or manufacturing of products incompatible with the above-mentioned standards will not allowed starting from 1/7/2015,in case of violation ,the necessary legal procedures will be undertaken.





الهيئة السعودية للمواصفات والمقاييس والجودة
Saudi Standards, Metrology and Quality Org.

Scope Details of SASO IEC 60034-30 : 2013

Regulation

The Saudi Arabian Standards Organization (SASO) has adopted the International Standard IEC 60034-30 Ed1.0 (2008) : Efficiency classes of single-speed, three-phase, cage induction motors (IE-code) and published the SASO IEC 60034-30:2013 with regard to energy efficiency requirements for electric motors

All general purpose low-voltage mid-size (between 0.75 kW and 375 kW) motors shall comply by being greater than or equal to the SASO IEC 60034-30:2013 classification listed by the specified date.

IEC classification	To be complied with by
IE2	July 1 st , 2015
IE3	January 1 st , 2017

The scope

SASO IEC 60034-30:2013 covers single-speed, three-phase, 60 Hz, cage-induction stand-alone motors that:

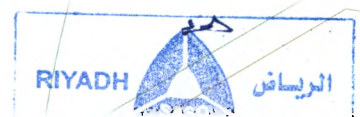
- have a rated voltage up to 1,000 V¹
- have a rated output power between 0.75 kW and 375 kW
- have either 2, 4 or 6 poles
- are rated on the basis of either duty type S1 (continuous duty) or S3 (intermittent periodic duty) with a rated cyclic duration factor of 80 % or higher
- are capable of operating direct on-line
- are rated for operating conditions in accordance with IEC 60034-1, Clause 6²

Excluded are:

- Motors made solely for converter operation in accordance with IEC 60034-25.
- Motors completely integrated into a machine (for example pump, fan and compressor) that cannot be tested separately from the machine.
- Brake motors, Gear motors and Wound rotor motors

¹ The standard also applies to motors rated for two or more voltages and/or frequencies.

² Motors with flanges, feet and/or shafts with mechanical dimensions different from IEC 60072-1 are covered by this standard.





الهيئة السعودية للمواصفات والمقاييس والجودة
Saudi Standards, Metrology and Quality Org.

- Motors specifically designed to operate:
 - In maximum operating temperatures above 400°C.
 - In potentially explosive atmospheres (e.g. explosion proof motors)
 - Wholly immersed in a liquid (e.g. submergible motors)
 - With a starting torque over 100% of the rated torque (e.g. gate motor & crane motor)
 - With cooling from external equipment (e.g. Air over motors, or liquid cooling motors)
 - In an enclosed container and part of an integrated system (e.g. canned motor)



1: The standard also applies to motors rated for two or more voltages and/or frequencies.

2: Motors with flanges, feet and/or shafts with mechanical dimensions different from IEC 60072-1 are covered by this standard.

3: Geared motors and brake motors are covered by this standard although special shafts and flanges may be used in such motors.