

**State of California
Office of Administrative Law**

In re:
California Energy Commission

Regulatory Action:

Title 20, California Code of Regulations

Adopt sections:

Amend sections: 1602, 1606

Repeal sections:

**NOTICE OF APPROVAL OF EMERGENCY
REGULATORY ACTION**

**Government Code Sections 11346.1 and
11349.6**

OAL Matter Number: 2017-0315-03

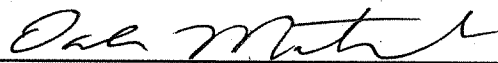
OAL Matter Type: Emergency (E)

In this emergency rulemaking action, the California Energy Commission amends sections 1602 and 1606 (Table X) of Title 20 of the California Code of Regulations to add permanent magnet synchronous motors to the list of motors subject to Title 20 testing methods, efficiency standards, and certification and marketing requirements for residential pool pump and motor combinations and replacement residential pool pump motors that are sold or offered for sale in California.

OAL approves this emergency regulatory action pursuant to sections 11346.1 and 11349.6 of the Government Code.

This emergency regulatory action is effective on 3/27/2017 and will expire on 9/26/2017. The Certificate of Compliance for this action is due no later than 9/25/2017.

Date: March 27, 2017



Dale P. Mentink
Senior Attorney

For: Debra M. Cornez
Director

Original: Robert P. Oglesby
Copy: Sean Steffensen

EMERGENCY

STATE OF CALIFORNIA—OFFICE OF ADMINISTRATIVE LAW

NOTICE PUBLICATION/REGULATIONS SUBMISSION

(See instructions on reverse)

For use by Secretary of State only

00 (REV. 01-2013)

OAL FILE NUMBERS	NOTICE FILE NUMBER Z-	REGULATORY ACTION NUMBER	EMERGENCY NUMBER 2017-03/503E
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For use by Office of Administrative Law (OAL) only

NOTICE	REGULATIONS
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ENDORSED - FILED
in the office of the Secretary of State
of the State of California

MAR 27 2017

3:53P

AGENCY WITH RULEMAKING AUTHORITY California Energy Commission	AGENCY FILE NUMBER (if any)
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A. PUBLICATION OF NOTICE (Complete for publication in Notice Register)

1. SUBJECT OF NOTICE	TITLE(S)	FIRST SECTION AFFECTED	2. REQUESTED PUBLICATION DATE
3. NOTICE TYPE <input type="checkbox"/> Notice re Proposed Regulatory Action <input type="checkbox"/> Other	4. AGENCY CONTACT PERSON	TELEPHONE NUMBER	FAX NUMBER (Optional)
OAL USE ONLY	ACTION ON PROPOSED NOTICE <input type="checkbox"/> Approved as Submitted <input type="checkbox"/> Approved as Modified <input type="checkbox"/> Disapproved/Withdrawn	NOTICE REGISTER NUMBER	PUBLICATION DATE

B. SUBMISSION OF REGULATIONS (Complete when submitting regulations)

1a. SUBJECT OF REGULATION(S) idential pool pump and motor combinations and replacement motors	1b. ALL PREVIOUS RELATED OAL REGULATORY ACTION NUMBER(S)
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2. SPECIFY CALIFORNIA CODE OF REGULATIONS TITLE(S) AND SECTION(S) (Including title 26, if toxics related)	ADAPT
SECTION(S) AFFECTED List all section number(s) individually. Attach additional sheet if needed.)	AMEND Section 1602 (g) and Section 1606 Table X, Subpart G
TITLE(S) 20	REPEAL

3. TYPE OF FILING	<input type="checkbox"/> Regular Rulemaking (Gov. Code §11346)	<input type="checkbox"/> Certificate of Compliance: The agency officer named below certifies that this agency complied with the provisions of Gov. Code §11346.2-11347.3 either before the emergency regulation was adopted or within the time period required by statute.	<input type="checkbox"/> Emergency Readopt (Gov. Code, §11346.1(h))	<input type="checkbox"/> Changes Without Regulatory Effect (Cal. Code Regs., title 1, §100)
	<input type="checkbox"/> Resubmittal of disapproved or withdrawn nonemergency filing (Gov. Code §11349.3, 11349.4)	<input type="checkbox"/> Resubmittal of disapproved or withdrawn emergency filing (Gov. Code, §11346.1)	<input type="checkbox"/> File & Print	<input type="checkbox"/> Print Only
	<input checked="" type="checkbox"/> Emergency (Gov. Code, §11346.1(b))		<input type="checkbox"/> Other (Specify) _____	

4. ALL BEGINNING AND ENDING DATES OF AVAILABILITY OF MODIFIED REGULATIONS AND/OR MATERIAL ADDED TO THE RULEMAKING FILE (Cal. Code Regs. title 1, §44 and Gov. Code §11347.1)

5. EFFECTIVE DATE OF CHANGES (Gov. Code, §§ 11343.4, 11346.1(d); Cal. Code Regs., title 1, §100)

Effective January 1, April 1, July 1, or October 1 (Gov. Code §11343.4(a))

Effective on filing with Secretary of State

\$100 Changes Without Regulatory Effect

Effective other (Specify) _____

6. CHECK IF THESE REGULATIONS REQUIRE NOTICE TO, OR REVIEW, CONSULTATION, APPROVAL OR CONCURRENCE BY, ANOTHER AGENCY OR ENTITY

Department of Finance (Form STD. 399) (SAM §6660)

Fair Political Practices Commission

State Fire Marshal

Other (Specify) _____

7. CONTACT PERSON Sean Steffensen	TELEPHONE NUMBER (916) 651-2908	FAX NUMBER (Optional) (916) 654-4304	E-MAIL ADDRESS (Optional) Sean.Steffensen@energy.ca.gov
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8. I certify that the attached copy of the regulation(s) is a true and correct copy of the regulation(s) identified on this form, that the information specified on this form is true and correct, and that I am the head of the agency taking this action, or a designee of the head of the agency, and am authorized to make this certification.

SIGNATURE OF AGENCY HEAD OR DESIGNEE 	DATE 3-13-17
TYPED NAME AND TITLE OF SIGNATORY ROBERT P. OGLESBY EXECUTIVE DIRECTOR	

For use by Office of Administrative Law (OAL) only

ENDORSED APPROVED

MAR 27 2017

Office of Administrative Law

**[Proposed] Express Terms to Amend the
Appliance Efficiency Regulations for Residential Pool Pump and Motor
Combinations and Replacement Residential Pool Pump Motors**

**California Code of Regulations
Title 20. Public Utilities and Energy
Division 2. State Energy Resources Conservation and Development Commission
Chapter 4. Energy Conservation
Article 4. Appliance Efficiency Regulations
Sections 1602(g) and 1606, Table X, Subsection G**

February 28, 2017

Proposed new language appears as underline (example) and proposed deletions appear as strikeout (~~example~~). Existing language appears as plain text. Three dots or “...” represents the substance of the regulations that exists between the proposed language and current language.

Section 1602(g) Pool Heater, Portable Electric Spas, Residential Pool Pump and Motor Combinations, and Replacement Residential Pool Pump Motors

...[skipping “Capacitor start-capacitor run” to “Nameplate HP”]

“Permanent magnet synchronous” means a motor that has a permanent magnet rotor, and windings on the stator and is controlled by single-phase or multi-phase sinusoidal alternating current.

...[skipping remaining text of 1602(g)]

...[skipping rest of 1602]

Note: Authority cited: Sections 25213, 25218(e), 25402(a)-25402(c) and 25960, Public Resources Code; and sections 16, 26 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015).

Reference: Sections 25216.5(d), 25402(a)- 25402(c), 25402.5.4 and 25960, Public Resources Code; and section 16, Governor's Exec. Order No. B-29-15 (April 1, 2015).

Section 1606. Filing by Manufacturers; Listing of Appliances in Database

...[skipping (a) through Table X, Section G “Other Pool Heaters”]

**Table X
Data Submittal Requirements**

... [skipping remaining text on Table X]

	Appliance	Required Information	Permissible Answers
G	Residential Pool Pump and Motor Combinations and Replacement Residential Pool Pump Motors	Motor Construction	PSC, Capacitor Start-Capacitor Run, ECM, Capacitor Start-induction run, split-phase, Permanent Magnet <u>Synchronous</u>
		Motor Design	Single-speed, dual-speed, multi-speed, variable-speed
		Frame	
		Speed (in RPM)	
		Motor has Capability of Operating at Two or More Speeds with the Low Speed having a Rotation Rate that is No More than One-Half of the Motor's Maximum Rotation Rate	Yes, no
		Unit Type	Residential Pool Pump and Motor Combination, Replacement Residential Pool Pump Motor
		Pool Pump Motor Capacity	
		Motor Service Factor	
		Motor Efficiency (%)	
		Nameplate Horsepower	
		Pump Control Speed (compliance with Section 1605.3(g)(5)(B)2.)	Yes, no
		Flow for Curve 'A' (in gpm)	
		Power for Curve 'A' (in watts)	
		Energy Factor for Curve 'A' (in gallons per watt-hour)	
		Flow for Curve 'B' (in gpm)	
		Power for Curve 'B' (in watts)	
		Energy Factor for Curve 'B' (in gallons per watt-hour)	
		Flow for Curve 'C' (in gpm)	
		Power for Curve 'C' (in watts)	
		Energy Factor for Curve 'C' (in gallons per watt-hour)	

...[skipping remaining text of the section]

Note: Authority cited: Sections 25213, 25218(e), 25402(a)-25402(c) and 25960, Public Resources Code; and sections 16, 26 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015).

Reference: Sections 25216.5(d), 25402(a)- 25402(c), 25402.5.4 and 25960, Public Resources Code; and section 16, Governor's Exec. Order No. B-29-15 (April 1, 2015).