

DOCKETED

Docket Number:	17-AAER-03
Project Title:	Appliance Efficiency Standards Emergency Rulemaking for Residential Pool Pump and Motor Combinations
TN #:	216286
Document Title:	[Proposed] Express Terms to Amend the Appliance Efficiency Regulations for Residential Pool Pump Motors
Description:	N/A
Filer:	Sean Steffensen
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**[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)(1)]

... [skipping (a)(2)]

... [skipping (a)(3)]

...[skipping “All Appliances” to “Portable Electric Spas”]

**Table X
Data Submittal Requirements**

	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 on Table X]

...[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).