



**Linda S. Adams**  
Secretary for  
Environmental Protection

# Air Resources Board

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**Mary D. Nichols, Chairman**  
1001 I Street • P.O. Box 2815  
Sacramento, California 95812 • [www.arb.ca.gov](http://www.arb.ca.gov)



**Arnold Schwarzenegger**  
Governor

September 18, 2007

Mr. Leon Schuster  
Franklin Fueling Systems  
Dispensing Systems Product Manager  
3760 Marsh Road  
Madison, Wisconsin 53718

Dear Mr. Schuster:

In your letter dated July 27, 2007, you mentioned that Franklin Fueling Systems (FFS) is proposing several modifications and improvements to the Model VP1000 pump and Healy Phase II Enhanced Vapor Recovery System. The purpose of this letter is to state that Air Resources Board (ARB) staff has completed the evaluation of FFS request to add the Healy/Franklin Electric Model VP1000 pump and the request to include a new pinned connection to facilitate installation of the pump housing.

Both the Healy and Healy/Franklin versions of the electric motor were listed as part of the system for the first issuance of both Executive Orders (VR-201-A in April 2005, VR-202-B in August 2005). ARB staff agrees with the logic and benefits of FFS standardizing a single electric motor for future VP1000 vacuum pump production. Until existing inventories of the Healy electric motor have been exhausted, a mixture of Healy and Healy/Franklin electric motors will continue to be utilized to meet production demands.

In an engineering evaluation of the components and information provided by FFS, ARB staff has determined that the second improvement, the new pinned connection installation guides for the pump ring and end bell configuration of the VP1000 pump cavity, do not require any field compatibility testing.

District inspectors and Healy Certified Technicians will be able to determine whether a VP1000 vacuum pump has the pinned connection by looking at the stamped date code information on the VP1000 identification tag. All motors manufactured by FFS with a date code stamp 38 07 (indicates week and year of production) or later will contain the new pinned connection. Reference Figure 1 below for location of code stamp.

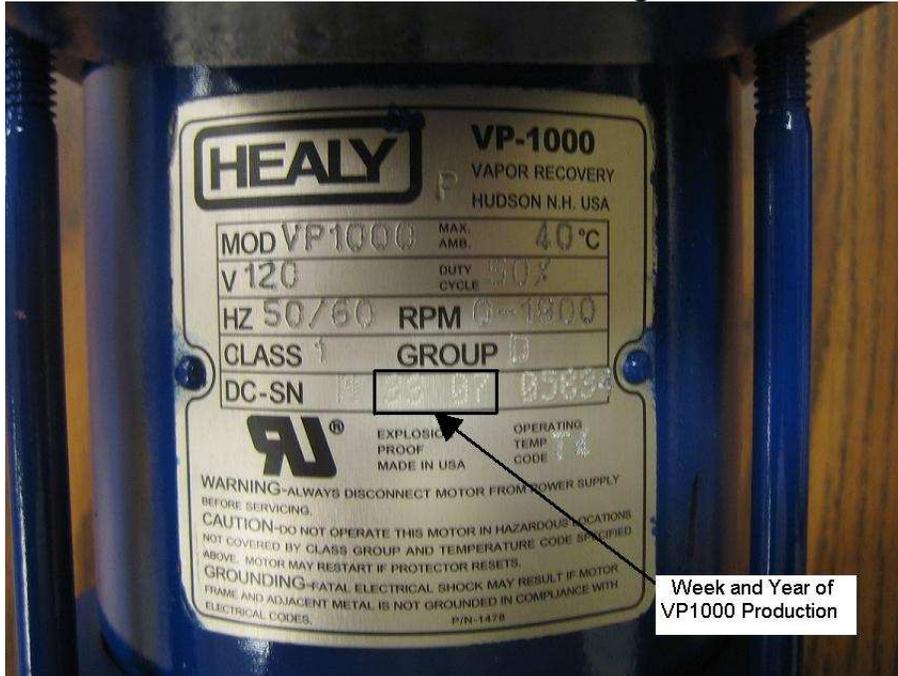
*The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website: <http://www.arb.ca.gov>.*

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California Environmental Protection Agency

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**Figure 1**  
**VP1000 Identification Tag**



Should you have any questions or concerns regarding this letter, please contact either Paul Marzilli at (916)-445-7431 or via email at [pmarzill@arb.ca.gov](mailto:pmarzill@arb.ca.gov), or Pat Bennett at (916)-322-8959 or via email at [pbennett@arb.ca.gov](mailto:pbennett@arb.ca.gov).

Sincerely,

George Lew, Chief  
Engineering and Certification Branch  
Monitoring and Laboratory Division

cc: See next page

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cc: Jim Swaney  
San Joaquin Valley Air Pollution Control District

John Marvin  
Bay Area Air Quality Management District

Gary Ma  
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Sacramento Metropolitan Air Quality Management District

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State Water Resources Control Board