



HI developed the standard, HI 40.6, for testing pumps and determining their efficiency in a uniform and consistent manner. The US Department of Energy (DOE) published an Energy Conservation Standard (ECS) and Uniform Test Procedure (TP) for Pumps on January 27, 2016; and in the uniform test procedure, HI 40.6 is incorporated by reference. The ECS and TP can be referenced at 10 CFR 431.465 and 10 CFR 431.464 & Appendix A to Subpart Y. www.ecfr.gov

HI manages a Pump Test Lab Approval Program (PTLAP) (HI 40.7, www.pumps.org/40.7), which enables pump test laboratories to establish through a third party that they have the knowledge, tools and processes in place, and are testing according to the HI 40.6 standard and managing their measurement equipment according to ISO 17025.

The HI Energy Rating (ER) Program (HI 40.5, www.pumps.org/40.5 builds on the ECS, TP and HI PTLAP. The HI ER Program defines process to participate in the program, scope of the program and requirements to list pumps with an Energy Rating.

As part of the program, this website allows corporations to apply to participate through the ER Program Portal, and the public to search for pump energy rating listings, and analyze the distribution of pumps in the program.

<p>ER Program Portal Register as an Energy Rating Program participant to create pump energy rating labels, QR codes, and more.</p>	<p>ER Certificates Calculate a new ER and generate ER Certificates when adding a motor and/or continuous control to a constant load bare pump.</p>
<p>Utility Search Analyze the Energy Ratings database to see how many pumps achieve a given Energy Rating range. This is especially helpful for utilities.</p>	<p>Search Pumps Search for pumps by Basic Model Number, Manufacturer, and Rating ID - which can be found on the Hydraulic Energy Rating label distributed with the pump.</p>

All Pump Energy Index (PEI) representations are made by the participating pump manufacturer. The Hydraulic Institute makes no representation or warranty as to the suitability of the PEI information provided and does not purport to verify its accuracy. It is the responsibility of each participating pump manufacturer to ensure that all representations in this Energy Rating database are made in accordance with the requirements of the HI 40.5 Program Guide for the HI Energy Rating Program, as well as with applicable regulatory requirements. Decisions based upon this material are the exclusive responsibility of the user. The Hydraulic Institute assumes no responsibility for any direct, indirect, special, incidental, or consequential damages arising from manufacturers' listings in the Energy Rating database.



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New and Improved Nameplates are on Their Way!



We are excited to introduce you to our newly designed nameplates. We've tried to incorporate as much of the relevant data you need in the field into our new design including a location for the PEI value of each pump. The new design also provides a more accessible location for our Taco Tag, giving you all of the digital support you may need.

You can see the difference in layout between the old and new design below. Fields to note are the DOE Basic Model No., PEI_{cl}, and Taco Tag placement.

The DOE Basic Model No. is provided for easy cross reference of your qualifying Taco pump with the DOE energy rating data base at er.pumps.org.

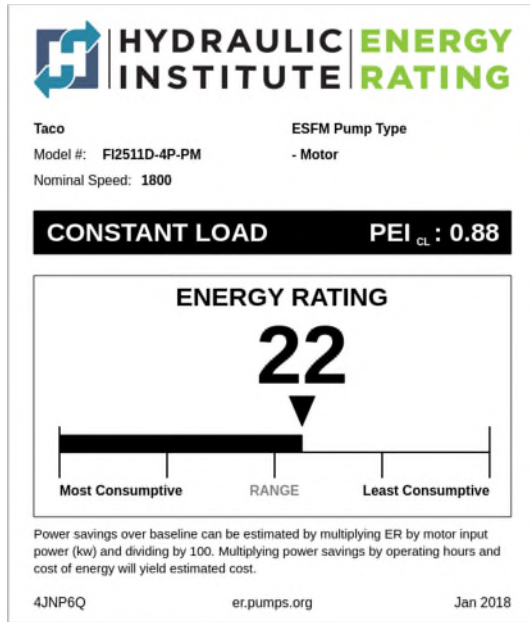


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As PEI values are uploaded into the Hydraulic Institute database, we'll begin to include the HI Energy Rating Label in the document package shipped with each pump.

Pumps have already started shipping with the new nameplate!

		SHOP ORDER	
		<input type="text"/>	
MODEL NO.			
<input type="text"/>			
CAPACITY GPM	HEAD FT		
<input type="text"/>	<input type="text"/>		
IMP DIA	MFG DATE		
<input type="text"/>	<input type="text"/>		
MOTOR HP	RPM		
<input type="text"/>	<input type="text"/>		
TACO INC., CRANSTON, R.I. U.S.A.			

			SHOP ORDER		
			<input type="text"/>		
<i>Comfort Solutions</i> A Taco Family Company			DOE BASIC MODEL NO.		
			<input type="text"/>		
MODEL NO.					
<input type="text"/>					
CAPACITY GPM	HEAD FEET	IMPELLER DIA			
<input type="text"/>	<input type="text"/>	<input type="text"/>			
MFG DATE	MOTOR HP	RPM			
<input type="text"/>	<input type="text"/>	<input type="text"/>			
<input type="text"/>					PEI _{CL}
					<input type="text"/>
TACO INC., CRANSTON, R.I. U.S.A. <input type="radio"/>					



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