



U.S. Department of Energy Pump Efficiency Rulemaking



DOE Pump Rulemaking

Impending DOE pump efficiency regulations are currently anticipated in 2016, or maybe as early as 2015, depending upon negotiated rulemaking in which HI and members are now engaged.

Pump efficiency regulations will require stronger assurances that pump manufacturers are rating pumps correctly and that they are compliant with established efficiency levels in regulations and conform to HI 40.6 Pump Efficiency Acceptance Test standard.

For more information on the DOE pump efficiency rulemaking, along with regular updates as information becomes available, visit: www.Pumps.org/DOERulemaking

HI Responds with a Multi-part Program:

HI is responding with a multi-faceted approach to support pump OEMs in their ability to comply with forthcoming new DOE pump efficiency regulations, and to take a pro-active lead in rigorous efficiency rating requirements for pumps tested to new DOE adopted standards.

HI Program Elements include:

- **HI 40.6**
The new “*Rotodynamic Pumps for Efficiency Acceptance Tests*” standard that will be adopted by DOE for efficiency

testing. This standard will be submitted to DOE by May 15, 2014 as a cornerstone of pump efficiency regulations.

- **HI 40.7**
The new “*Pump Test Laboratory Approval Program*” guide will support pump OEMs and others with test labs that test pumps to HI 40.6 and specify efficiency levels. The program guide will be completed by mid-2014, with launch of the program anticipated in 3Q-4Q 2014.
- **HI Premium Pumps**
The development of a premium efficiency labeling program is one of the next initiatives of the Hydraulic Institute, consistent with the Board approved HI Strategic Plan. In addition to providing significant market benefits, this program will support prescriptive rebate and incentive programs offered by electric power utilities, a major benefit to pump OEMs.
- **Extended Product & MEI**
During the Hydraulic Institute 2014 Annual Meeting held in February, the efforts of HI’s Extended Product Committee working to develop the Energy Efficiency Index (EEI) and Minimum Efficiency Index (MEI) Committee were merged. Collaborating with Europump and aligning with the U.S. Department of Energy, the Extended Product and MEI Committee is drafting definitions and guidance on this topic. Scheduled for completion in mid-2015, the new standard will help pump OEMs understand the principles of the EEI and MEI. HI is advocating with the U.S. DOE to be as consistent as possible with the regulations that have already been established in Europe. This standard will have direct relevance to both Extended Product and pump efficiency cut-off levels determined by the DOE.
- **Extended Product Labeling Coalition**
HI, in partnership with the Fluid Sealing Association, has joined the ACEEE Extended Product Labeling Coalition to work with electric power utilities and energy efficiency advocates on a new labeling program to help define new rebates and incentives that can be applied to higher efficiency pumps (based on MEI) and extended products (based on EEI), tapping into nearly \$9B of funds that are available in the U.S. each year for energy efficiency improvement and market transformation projects.

HI’s New 2014 Government Affairs Initiatives:

At the February 2014 HI Board meeting, a new Government Affairs committee was approved along with a Purpose, Scope and 2014 Deliverables.

HI is soliciting names of individuals who serve in government or regulatory affairs positions or in executive positions from CEO, Executive Vice President or VP, Marketing, to serve on a new HI Government Affairs Committee. This committee will work on developing position papers and ensure that HI's positions are properly communicated in Washington, DC. New committee volunteers who are sought should contact Robert K. Asdal, HI Executive Director, at rasdal@Pumps.org.

HI Joins NAM Manufacturing Summit

HI will join the National Association of Manufacturers in their June 10-11, 2014 Manufacturing Summit in Washington, DC. HI is also considering scheduling a series of Hill visits with members of Congress who serve on the U.S. DOE oversight committees to discuss the impending rulemaking and impacts on the pump industry. HI Members are asked to mark their calendars to participate in this important event. For more information visit: www.Pumps.org/ManufacturingSummit.

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How to Get Involved

For further information regarding participation opportunities in HI technical committees, please contact:

Gregg Romanyshyn, HI Director, Technical Affairs

E: gromanyshyn@Pumps.org

P: 973-267-9700 x114

For information on HI's Government Affairs efforts, including participating in the new Government Affairs committee and attending the NAM Manufacturing Summit on June 10-11, 2014, please contact:

Robert K. Asdal, HI Executive Director

E: rasdal@Pumps.org

P: 973-267-9700 x113

For information on HI and Pump Systems Matter's efforts with energy savings, including courses on pumping systems, seals, variable speed drives, motors or how to become a PSM Training Partner, please contact:

Mark Sullivan, HI Director, Education and Marketing

E: msullivan@Pumps.org

P: 973-267-9700 x200

About the Hydraulic Institute:

The mission of the Hydraulic Institute is to be a value-adding resource to member companies, engineering consulting firms, and pump users worldwide by developing and delivering comprehensive industry standards, expanding knowledge by providing education and tools for the effective application, testing, installation, operation, maintenance, and performance optimization of pumps and pumping systems, and by serving as a forum for the exchange of industry information.

For more information on the Hydraulic Institute, its member companies and its Standards Partners, visit www.Pumps.org. To learn more about membership in the Hydraulic Institute, download the HI App for tablets from the Google Play Store or the Apple iStore.

About Pump Systems Matter:

Pump Systems Matter (PSM) is a non-profit 501(c)3 educational affiliate of the Hydraulic Institute and is a global leader in the education and training on pumps and pump systems, energy efficiency, reliability, economics and effective application of pumps.

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