

## DOCKETED

<b>Docket Number:</b>	17-AAER-03
<b>Project Title:</b>	Appliance Efficiency Standards Emergency Rulemaking for Residential Pool Pump and Motor Combinations
<b>TN #:</b>	216288
<b>Document Title:</b>	Email from Intex, November 15, 2016 Regarding APSP Comments and Appliance Efficiency Database Update
<b>Description:</b>	N/A
<b>Filer:</b>	Sean Steffensen
<b>Organization:</b>	Intex Corp./Matthew Whalen
<b>Submitter Role:</b>	Public
<b>Submission Date:</b>	2/28/2017 4:01:43 PM
<b>Docketed Date:</b>	2/28/2017

## Steffensen, Sean@Energy

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**From:** Matthew Whalen [<mailto:mwhalen@intexcorp.com>]  
**Sent:** Tuesday, November 15, 2016 8:41 AM  
**To:** Steffensen, Sean@Energy; Zoran Madzar  
**Cc:** Driskell, Kristen@Energy; Fischel, Ben@Energy  
**Subject:** RE: APSP comments and Appliance Efficiency Database update

Dear Sean,

Thank you for posting and the reply. Would you please clarify whether or not we are able to sell the PMSM pumps in California now that the performance data has been made available? More to the point, would we face an enforcement action if we sell the PMSM pumps?

Thanks for your help!

Best regards,

Matthew (Chip) Whalen  
Director of Risk Management  
(310) 549-5400 ext. 229

**From:** Steffensen, Sean@Energy [<mailto:Sean.Steffensen@energy.ca.gov>]  
**Sent:** Monday, November 14, 2016 12:23 PM  
**To:** Matthew Whalen <[mwhalen@intexcorp.com](mailto:mwhalen@intexcorp.com)>; Zoran Madzar <[zmadzar@intexcorp.com](mailto:zmadzar@intexcorp.com)>  
**Cc:** Driskell, Kristen@Energy <[Kristen.Driskell@energy.ca.gov](mailto:Kristen.Driskell@energy.ca.gov)>; Fischel, Ben@Energy <[Ben.Fischel@energy.ca.gov](mailto:Ben.Fischel@energy.ca.gov)>  
**Subject:** RE: APSP comments and Appliance Efficiency Database update

Hi Matthew,  
I have posted the test report to the docket. Sorry for the delay.

[http://docketpublic.energy.ca.gov/PublicDocuments/15-AAER-02/TN214476\\_20161114T115208\\_Test\\_Report\\_for\\_Residential\\_Swimming\\_Pool\\_Pumps\\_intended\\_for\\_in.pdf](http://docketpublic.energy.ca.gov/PublicDocuments/15-AAER-02/TN214476_20161114T115208_Test_Report_for_Residential_Swimming_Pool_Pumps_intended_for_in.pdf)

Sincerely,

SEAN STEFFENSEN | MECHANICAL ENGINEER  
CALIFORNIA ENERGY COMMISSION | EFFICIENCY DIVISION  
1516 9<sup>TH</sup> ST, SACRAMENTO, CA 95814  
(916) 651-2908 OFFICE | FAX (916) 654-4304

**From:** Matthew Whalen [<mailto:mwhalen@intexcorp.com>]  
**Sent:** Thursday, November 10, 2016 4:45 PM  
**To:** Steffensen, Sean@Energy; Zoran Madzar  
**Cc:** Driskell, Kristen@Energy; Fischel, Ben@Energy  
**Subject:** RE: APSP comments and Appliance Efficiency Database update

2<sup>nd</sup> Request

Matthew (Chip) Whalen

Director of Risk Management  
(310) 549-5400 ext. 229

**From:** Matthew Whalen

**Sent:** Tuesday, November 08, 2016 10:14 AM

**To:** Steffensen, Sean@Energy <[Sean.Steffensen@energy.ca.gov](mailto:Sean.Steffensen@energy.ca.gov)>; Zoran Madzar <[zmadzar@intexcorp.com](mailto:zmadzar@intexcorp.com)>

**Cc:** Jennifer Hatfield <[jen@jhatfieldandassociates.com](mailto:jen@jhatfieldandassociates.com)>; Driskell, Kristen@Energy <[Kristen.Driskell@energy.ca.gov](mailto:Kristen.Driskell@energy.ca.gov)>; Fischel, Ben@Energy <[Ben.Fischel@energy.ca.gov](mailto:Ben.Fischel@energy.ca.gov)>

**Subject:** RE: APSP comments and Appliance Efficiency Database update

Dear Sean and Ben,

I am following up on this e-mail to see if the test report was filed to the public docket 15-AAER-02? I can't seem to locate the report.

Thank you,

Matthew (Chip) Whalen  
Director of Risk Management  
(310) 549-5400 ext. 229

**From:** Matthew Whalen

**Sent:** Monday, March 14, 2016 2:46 PM

**To:** Steffensen, Sean@Energy <[Sean.Steffensen@energy.ca.gov](mailto:Sean.Steffensen@energy.ca.gov)>; Zoran Madzar <[zmadzar@intexcorp.com](mailto:zmadzar@intexcorp.com)>

**Cc:** Jennifer Hatfield <[jen@jhatfieldandassociates.com](mailto:jen@jhatfieldandassociates.com)>; Driskell, Kristen@Energy <[Kristen.Driskell@energy.ca.gov](mailto:Kristen.Driskell@energy.ca.gov)>; Fischel, Ben@Energy <[Ben.Fischel@energy.ca.gov](mailto:Ben.Fischel@energy.ca.gov)>; Tony Zhou ([tony.zhou@iapmoegs.org](mailto:tony.zhou@iapmoegs.org)) <[tony.zhou@iapmoegs.org](mailto:tony.zhou@iapmoegs.org)>

**Subject:** RE: APSP comments and Appliance Efficiency Database update

Dear Sean,

Please go ahead and file the test report to the public Docket 15-AAER-02.

Thanks for your help.

Best regards,

Matthew (Chip) Whalen  
Director of Risk Management  
(310) 549-5400 ext. 229

**From:** Steffensen, Sean@Energy [<mailto:Sean.Steffensen@energy.ca.gov>]

**Sent:** Monday, March 14, 2016 1:44 PM

**To:** Matthew Whalen <[mwhalen@intexcorp.com](mailto:mwhalen@intexcorp.com)>; Zoran Madzar <[zmadzar@intexcorp.com](mailto:zmadzar@intexcorp.com)>

**Cc:** Jennifer Hatfield <[jen@jhatfieldandassociates.com](mailto:jen@jhatfieldandassociates.com)>; Driskell, Kristen@Energy <[Kristen.Driskell@energy.ca.gov](mailto:Kristen.Driskell@energy.ca.gov)>; Fischel, Ben@Energy <[Ben.Fischel@energy.ca.gov](mailto:Ben.Fischel@energy.ca.gov)>

**Subject:** RE: APSP comments and Appliance Efficiency Database update

Hi Matthew,

Thank you for the information showing the performance of the PMSM motor type. The information will be useful to analyze and address comments regarding the PMSM motor type I received at the Pool Pump Motor and Portable Electric Spa workshop. Information used in my analysis must be available to the public such as information displayed in the Appliance Efficiency Database and the public docket for this pre-rulemaking.

The PMSM motor type is not a motor type that is permissible to certify to the Energy Commission to be sold or offered for sale in California and therefore cannot be added to the Appliance database. As an alternative would you provide me permission to file the attached test report you provided to the public Docket 15-AAER-02?

Sincerely,



**SEAN STEFFENSEN** /MECHANICAL ENGINEER  
**CALIFORNIA ENERGY COMMISSION** / EFFICIENCY DIVISION  
1516 9<sup>TH</sup> ST, SACRAMENTO, CA 95814  
(916) 651-2908 OFFICE /FAX (916) 654-4304

**From:** Matthew Whalen [<mailto:mwhalen@intexcorp.com>]  
**Sent:** Tuesday, March 08, 2016 2:06 PM  
**To:** Steffensen, Sean@Energy; Zoran Madzar  
**Cc:** Jennifer Hatfield  
**Subject:** RE: APSP comments and Appliance Efficiency Database update

Dear Sean,

Further to our presentation on PMSM pool pumps at the CEC workshop, attached please find a test report for the “epoxy” pumps that Intex distributes in the US. Will you be able to include this information in the technical feasibility analysis as well as your update to the Draft Staff Report?

How can we go about updating the Appliance Efficiency database with the performance information on our PMSM type pumps?

Thanks for your help.

Best regards,

Matthew (Chip) Whalen  
Director of Risk Management  
(310) 549-5400 ext. 229

**From:** Steffensen, Sean@Energy [<mailto:Sean.Steffensen@energy.ca.gov>]  
**Sent:** Thursday, March 03, 2016 8:59 AM  
**To:** Jennifer Hatfield <[jhatfield@apsp.org](mailto:jhatfield@apsp.org)>  
**Cc:** Driskell, Kristen@Energy <[Kristen.Driskell@energy.ca.gov](mailto:Kristen.Driskell@energy.ca.gov)>; Fischel, Ben@Energy <[Ben.Fischel@energy.ca.gov](mailto:Ben.Fischel@energy.ca.gov)>  
**Subject:** APSP comments and Appliance Efficiency Database update

Hi Jennifer,

I would like to thank you and your members for the comments provided regarding the pool pump motor workshop. I will be reviewing the comments as I update the Draft Staff Report.

I plan to update the technical feasibility analysis for motor efficiency by pulling values from the Appliance Efficiency Database on Monday March 14<sup>th</sup>. Several stakeholders had indicated they would update the database for their products. I am available to support this effort if there are any difficulties or questions regarding the database updating process.

Sincerely,



***SEAN STEFFENSEN /MECHANICAL ENGINEER  
CALIFORNIA ENERGY COMMISSION / EFFICIENCY DIVISION  
1516 9<sup>TH</sup> ST, SACRAMENTO, CA 95814  
(916) 651-2908 OFFICE /FAX (916) 654-4304***