

Global Motor Systems Network



EMSA Newsletter no. 1/2012




Zurich March 2012


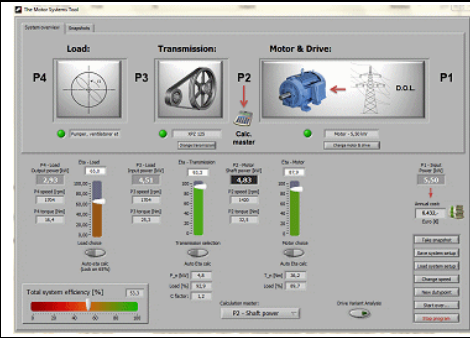
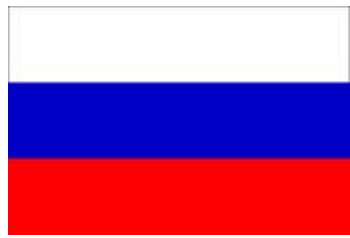
See you all at the Motor Summit 2012 in Zurich in December 2012!

1	<p>This is the latest edition of the Electric Motor Systems Annex (EMSA) Newsletter. We are happy to report that our Newsletter is well-received by 2'757 people from 69 countries. We appreciate the feedback and comments we received so far and are glad to hear back more.</p> <p>You can subscribe to the Newsletter in English, German, Chinese, Japanese and from now on also in Russian: www.motorsystems.org/ems-a-newsletter</p>	
---	--	--

Events		
2	<p>The next Motor Summit will be held in Zurich Switzerland from 5 to 6 December 2012. You can now register and see the preliminary conference program at:</p> <p>EMSA workshops for Policy & Compliance and Tools will be held at the same venue on 4 December 2012 (program to be announced in May 2012).</p>	<p>www.motorsummit.ch</p>
3	<p>The seventh international conference on Improving Energy Efficiency in Commercial Buildings (IEECB'12) will take place in Frankfurt, Germany on 18 - 19 April 2012, during the Light+Building trade fair.</p> <p>More information: http://re.jrc.ec.europa.eu/energyefficiency/events.htm</p>	
4	<p>An international forum on Energy Management in Industry will be held in Hannover, Germany on 25 April 2012 in the framework of the Hannover Messe. The goal is to enhance international exchange on energy efficiency in industry.</p> <p>More information: www.dena.de/de/veranstaltungen.html</p>	
5	<p>The eceee Industrial Summer Study will be held from 11 to 14 September 2012 in Arnhem, the Netherlands.</p>	<p>www.eceee.org/industry/</p>

News		
6	<p>Latest status of Ecodesign topics currently under development in the European Union:</p> <ul style="list-style-type: none"> • ENTR lot 5: Machine tools Preparatory study expected to be finalized in May 2012, draft voluntary agreement was proposed by industry. • ENTR lot 1: Refrigerating and freezing equipment Working document on Part 4 refrigeration process chillers published. • ENER Lot 10: Domestic ventilation and kitchen hoods Clarifying Note from July 2011 <p>In March 2012 new preparatory studies are launched:</p> <ul style="list-style-type: none"> • ENER lot 28: pumps for waste waters • ENER lot 29: large pumps and pumps for pools, fountains, aquariums • ENER lot 30: special motors • ENER lot 31: compressors and their possible drives. 	 <p>Respective contacts: cub@cub.ch or Stamatis.Sivitos@ecostandard.org</p> <p>Bio Intelligence Service, France</p> <p>ISR-University of Coimbra, Portugal Van Holsteijn en Kemna BV, Netherlands</p>
7	<p>India has published its revised Performance Standard for Electric Motors IS 12615 in 2011 to be in line with efficiency classes in IEC 60034-30 and testing in IEC 60034-2-1. It recommends IE2 as Minimum Energy Performance Standard for motors between 0.75 kW and 375 kW. More information: www.eemods.org/Files/DAY%20%20-%20SEPTEMBER%2013/POLICY%204/Garg.ppt</p>	
8	<p>SEAD will inform about the Global Efficiency Medal competition for electric motors at the Motor Summit 2012 in Zurich on 5 December 2012.</p> <p>More on the SEAD awards: www.superefficient.org/activities/awards</p> <p>For program updates, email your contact information to: awards@superefficient.org</p>	 <p>SUPEREFFICIENT.ORG The Super-Efficient Equipment and Appliance Deployment (SEAD) is an initiative of the Clean Energy Ministerial and the International Partnership for Energy Efficiency Cooperation (IPEEC).</p>
Technical standards		
9	<p>GLOBAL</p> <ul style="list-style-type: none"> • IEC has published in December 2011 a Committee Draft for the revision of the Testing Standard IEC 60034-2-1. The preferred testing method B for 3-phase motors up to 2'000 kW is the summation of losses with stray load losses determined from residual loss. • The second Committee Draft of the revision for the Standard on Efficiency Classes IEC 60034-30 has been published in December 2011. Comments will be received by your national IEC committee before 23 March 2012. The scope of the efficiency classes will include all kinds of electric motors between 0.12 and 800 kW, and the definition of Super Pre- 	 <p>www.iec.ch</p> <p>If you would like to send comments for preparing the National Committee position, a draft copy can be received: info@motorsystems.org.</p>

	<p>mium motors IE4.</p> <ul style="list-style-type: none"> A second draft for the Testing of Converter-fed Motors IEC 60034-2-3 will be discussed on the next WG 28 meeting in May 2012 in Kyoto. 	
10	<p>EUROPE</p> <p>In Cenelec a working group in TC22X is preparing a CLS Standard on Energy Efficiency for Power Drive Systems.</p>	 <p>Contact: benno.weis@siemens.com</p>
11	<p>USA</p> <p>The Air-Conditioning, Heating and Refrigeration Institute published a standard AHRI 1210 (I-P), Performance Rating of Variable Frequency Drives. The standard applies to VFDs used in the control of asynchronous induction motors. Free download at: www.ahrinet.org</p>	
12	<p>CANADA</p> <ul style="list-style-type: none"> The Canadian Standards Association has published a draft C838 Test Methods for Variable Frequency Drives Systems. Comments are received until 8 April 2012. A first draft of the Canadian standard Commercial and Industrial No Load (Standby) Power Test Method (C393) has been published. It will also include standby power consumption of electric motor systems. More information: https://review.csa.ca/opr/opr_list.asp 	<p>To submit comments, use http://publicreview.csa.ca/ and register.</p>  <p>Contact: Laura.Contasti@csa.ca</p>

4E EMSA		
13	<p>EMSA and the Swedish Energy Agency will organise a workshop on 9 May 2012 in Stockholm Sweden. The focus is on Swedish motor systems activities and international experience with motor systems policy and compliance. For more information, contact Anders Hallberg: Anders.Hallberg@energimyndigheten.se</p>	 <p>www.energimyndigheten.se/en/</p>
14	<p>The Motor Systems Tool calculates the efficiency of a motor system, taking into account load characteristics, transmission, motor and controls. It has been downloaded by almost 500 people since its publication in September 2011. At the Motor Summit in Zurich on 4 December 2012 a special training session will be held. More information on this will follow in May 2012. Free download: www.motorsystems.org</p>	
15	<p>From now on the EMSA Newsletter is also available in Russian, thanks to the cooperation with IMS Research. If you would like to include your Russian motor systems contacts: please send us their e-mail addresses to info@motorsystems.org. Отныне, благодаря сотрудничеству с IMS Research, Бюллетень EMSA также будет доступен на русском языке. Если вы желаете включить ваш Российский контакт по Системама Двигателей пожалуйста пришлите нам адрес своей электронной почты: info@motorsystems.org.</p>	

Publications	
16	<p>The 2012 January edition of NEMA's monthly Electroindustry magazine deals with energy efficient motors:</p> <p>www.nema.org/media/ei/</p>

If you have any questions please feel free to ask. If you are running a national motor efficiency program: tell us!

Best regards from Zurich Switzerland,

Conrad U. Brunner & Rita Werle

EMSA Operating Agent & Coordinator
 Gessnerallee 38a, 8001 Zurich Switzerland
 Tel +41 (0)44 226 30 70

EMSA is the Electric Motor Systems Annex of the International Energy Agency IEA Implementing Agreement on Efficient Electrical End-Use Equipment 4E. Currently Australia, Austria, Denmark, Netherlands, USA and Switzerland participate actively in EMSA. Canada, France, Japan, Korea, South Africa, Sweden and United Kingdom participate in other 4E Annexes. The second EMSA program phase is running until 2014.

If you would like to subscribe to this Newsletter or would like to download some backup copies go to www.motorsystems.org/emsa-newsletter.

If you do not want to receive this Newsletter any more: Please send us a short note to info@motorsystems.org. Thanks!

Copyright ©: If you would like to copy or quote one of our items, go ahead. Please send us a proof for the archive.