

Minutes of Lot11 Circulators final stakeholder meeting Brussels 24 October 2007

A summary of each chapter was presented in turn, with discussion invited on the contents of each chapter. These minutes record these discussions rather than repeating the summaries – these summaries are included in the presentation also available on the www.ecomotors.com website.

Attendees

Brock, Justin - AEA
Bartoschek, Manfred – KSB AG
Bayerer, Reinhold - Infineon
Bidstrup, Niels - Grundfoss
Bo, Hu – China National Institute of Standardisation
Brunner, Conrad – SEEEM
De Almeida, Anibal – University of Coimbra
Dodane, Robert – Salmson Pumps
Ennenbach, Frank – ABS Group
Falkner, Hugh – AEA
Kataoka, Osami – The Japan Refrigeration and Air Conditioning Industry Association
Klutsch, Friedrich - VDMA
Limura, Kazuyuki - Mitsubishi
Murray, Robin – UK MTP
Nystrup, Helle - Grundfoss
Oberschmidt, Julia – Fraunhofer Institute
Ragden, Peter – Fraunhofer Institute
Claus Barthel– Wuppertal Institute
Schmalfuss, Horst-Berg - Consultant
Schofield, Steve - BPMA
Siderius, Hans Paul – Senter Novem
Teepe, Markus – Wilo AG
Van Doorslaer, Guy - Europump
Yuejin, Zhao – China Standard Certification Centre

Chapter 1

Niels Bidstrup, (Europump). Stated that PM circulators became available at a similar time that the labelling scheme was launched, and an acknowledgement that further measures are needed to ensure the growth in more efficient products.

Hans Paul Siderius. Commented further on the section on testing and verification. It was acknowledged that the existing standards are quite weak because of the wide tolerances allowed.

Niels Bidstrup. Agreed that there is a need for an improved standard. Stated that EN1151 part1 is already under revision.

Chapter 2

Conrad Brunner – Queried the contrast of Eurostat with Europump data. HF stated that there is a problem with Eurostat figures which is explained in the report.

Chapter 3

No comments.

Chapter 4

EC commented on choice of basecase circulator. HF stated it was the average of the products sold at the time of starting the study. Claus Barthel queried the Blaue Engel flow profile. There was some discussion around this point, but HF referred to the LCC analysis that showed that in practice the detailed flow profile had little impact on the results.

Chapter 5 summary

No Comments

Chapter 6 Summary

Niels Bidstrup. The 20% savings of the new decentralised circulator relate partly to those from other controls, which is unfair on other products. HF agreed to correct this point.

Chapter 7 summary

Conrad Brunner mentioned that smaller circulators are needed for more efficient houses. It was stated that these already exist.

Kirstin Lichtenwald (EC) referred to a test from German consumer magazine published in September 2007. Contrasted the assumed 20 years lifetime with that of 10 years assumed in the study. There was some wider discussion on this, including the need to ensure that the sales x lifetime = stock relationship remains true. HF agreed to consider longer lifetimes in the sensitivity analysis.

Europump presented a list of detailed comments that has been passed to HF.

Hugh Falkner 24 October 2007