

**Minutes of the Technical Advisory Board for Mechanical Environments of the  
Confederation for European Environmental Engineering Societies  
Held on 24<sup>th</sup> September 2009 Held at Porto Portugal**

Present at the Meeting of the Technical Advisory Board for Mechanical Environments (TABME) were;

Mr Göran Jansson	SEES
Mr Markku Juntunen	KOTEL
Mr. David Richards	SEE (Chairman)

The chairman reported that apologies for absence had been received from Dr Ulrich Braunmiller and Thomas Trost

### **Matters Arising**

As usual a list of TABME members, including corresponding members, this list is attached to the minutes as Attachment No 1.

### **CEES Website – TABME Content**

The reminded the group that much of the information previously discussed was now on the website. However, the group were remained that new information or suggestions was also welcome.

### **Systematisation of Measurement Methodologies**

**STANAG 4370.** Prior to the last meeting Henri Grzeskowiak, had passed a copy of a French contribution for AECTP 2410 for comment by the group. This had some commonality with the TABME methodologies paper. The Chairman reported that the UK were reviewing the US proposal for AECTP 2410 and had made a number of comments. The UK were preparing an implementation of the US proposal for AECTP 2410 for inclusion in Def Stan 00-35.

**Mil Std 810G** It had been reported at the last meeting that the latest version was now published.

**Def Stan 00-35.** The chairman reported that work on issue 5 of Def Stan 00-35 was underway within the UK. The chairman presented a new document intended for Def Stan 00-35 intended to all comparison of structures and models using modal methods.

**IEC TC104.** The chairman reported that a meeting of IEC TC104 was planned for October 2009. The meeting of WG15 (the mechanical environments working group) were scheduled to address the comments on the road, rail and Jet aircraft environments. As part of the work, it was reported that vibration data had been acquired from three items of medical equipment when moved over different surfaces. These were interesting data in that they had significant transient content within more conventional vibrations. The possibility existed for this data to be used with CEES as a round robin exercise.

**DIN 30786/7/8/9.** Nothing to report.

**CEN TC 261 SC5 WG14 – Test Methods & Test Schedules.** Nothing to report.

**ISO 4180/1/2. Test Schedules.** Nothing to report.

**Overview** At a previous meeting the group had generated an overview of European and International work currently underway relating to transportation stresses. That overview was included as an attachment in the minutes of the last meeting. The list was not updated at this meeting.

**Topics for Future Consideration**

**e-Document of Environmental Engineering.** Following the discussion at earlier meetings, a suggestion had been made to find previous training documents on environmental engineering. GUS had set up a training course for environmental engineering at Nuremberg.

**Vibration Test Round Robin.** Previously the TAB considered the possibility of a testing round robin. This will be addressed further at the next meeting.

**Virtual Testing.** Markku reminded the meeting that BEST Product had initiated a group on Virtual Testing. At the moment there was no group leader but at the Brussels meeting some 20 people attended. Markku suggested that the purpose and objectives currently quoted on the EUREKA website need to be updated. The chairman reported that work on a structural validation strategy was close to completion within the UK.

**Any Other Business**

The chairman informed the TABME that CEN Workshop 10 had proposed that as part of a Phase 3 activity that Expert Group 8 should be asked to review its Phase 1 recommendations. A significant proportion of Expert Group 8 during the Phase 1 work originated from CEEES and the convenor was Dr Karl Ziegahn. However, Karl was not able to act as convenor for the Phase activity.

A possible topic of discussion suggested for the next meeting was environmental loggers.

**Next Meeting**

The date of the next meeting of the TABME is planned for Thursday 11<sup>th</sup> February 2010 in Brussels Belgium.

**Attachments**

- 1 Names and Addresses of TAMBE Members

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