

**Minutes of the Technical Advisory Board for Mechanical Environments of the
Confederation for European Environmental Engineering Societies
Held on 11th February 2010 Held at Royal Military Academy, Brussels**

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

Dr Ulrich Braunmiller	GUS
Dr Harri Kristof	BSEE
Mr Göran Jansson	SEES
Mr Markku Juntunen	KOTEL
Mr. David Richards	SEE (Chairman)
Mr Thomas Trost	SEES

Matters Arising

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

CEEES 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. The Chairman reported that the UK had significantly re-written the US originated AECTP 2410 and for inclusion in the UK Def Stan. Apart from rectifying some of the significant shortcoming to the AECTP, the UK version also corrects the errors with regard FDS. These errors were highlighted by the French proposal for 2410 which has been essentially ignored for inclusion in the AECTP. The UK had also prepared a standard extending the basic approach for tracked vehicles. This is also intended for inclusion in Def Stan 00-35.

Def Stan 00-35. The chairman reported that work on issue 5 of Def Stan 00-35 continues within the UK. The chairman discussed 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 May 2010 in Frankfurt. 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 CEEES as a round robin exercise.

CEN Workshop 10, Expert Group 8. The chairman reported that phase 3 of the CEN workshop, recommending standards for European Defence Procurement, had been approved by the EU at the end of 2009. The work of Expert Groups 1 to 8 is to update the recommendations made in Phase 1. Expert Group 8 relates to environmental testing standards. During Phase 1 that particular expert group as made up mostly of CEEES representatives, the chairman encourage members to apply to work on the Expert Group.

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

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

Topics for Future Consideration

e-Document of Environmental Engineering. A tentative proposal was made to combine a version of the SEES environmental testing handbook with the CN EG8 report. Following the discussion at earlier meetings, GUS were setting up a website with examples of environmental engineering. .

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

Markku gave a presentation on VET – virtual Environmental testing.

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 7th October 2010 in Switzerland.

Attachments

1 Names and Addresses of TAMBE Members

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