

**Minutes of the Technical Advisory Board for Mechanical Environments of the  
Confederation for European Environmental Engineering Societies  
Held on Thursday 21<sup>st</sup> February 2013 in Brugges, Belgium**

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

Mr Göran Jansson	SEES
Dr. Kristof Harri	BSEE
Mr. David Richards	SEE (Chairman)

### **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.

### **e-Document of Environmental Engineering.**

A short discussion occurred on the generation of an on-line document relating to Environmental Engineering.

### **Systematisation of Measurement Methodologies**

**STANAG 4370.** The Chairman reported that, as far as he was aware no meeting of the NATO group responsible for STANAG 4370 had occurred since the last CEEES meeting.

**Def Stan 00-35.** The chairman reported that work on issue 5 of Def Stan 00-35 continues within the UK. Work on four new chapters, relating to on Data Analysis and Data measurement, was close to completion.

**IEC TC104.** The chairman reported that no meeting of IEC TC104 working groups had occurred at since the previous Manching meeting. Following the Manching meeting, working group 15 (the mechanical environments working group) had completed the revision of the new chapter on Storage and Handling. Maintenance team MT17 had submitted a new work item proposal on Non-Gaussian vibration testing and a Time History Replication method. Changes to the hammer test were also proposed.

### **Review of Proposed Technical Publication Document from the ESS & Reliability TAB**

The TAB spent the majority of the meeting reviewing one of two working practices documents proposed by the ESS & Reliability TAB. Although, these had been supplied some time previously, they were large documents and the TAB had previously not had the opportunity to fully review them. The TAB found that the document relating to mechanical effects was not particularly well written as a working practices document. The document structure and style were not particularly easy to follow the document had no useful introduction, making no attempt to give the user an overview of the subject. A lot of the content appeared to have been copied from textbooks with insufficient effort to covert it into a useable working practices document. In particular the “target” reader of the document could not readily be identified. A beginner to FDS would find the document very difficult to read, whilst somebody who had existing knowledge would most likely use other sources. None of the TAB members felt they would recommend the document, in its current form, to somebody new to the subject. The TAB felt that a very considerable amount of effort would be required to bring the format and content of the document into readable and useful working practices.

### **Any Other Business**

**Vibration Test Round Robin.** An exercise previously reported Dr. Kristof Harri was discussed. The meeting discussed this and the possibility of converting it into a Pan European round robin exercise.

**Next Meeting**

The date of the next meeting of the TABME is planned for Tuesday 10th September 2013 in Bratislava, Slovak Republic.

**Attachments**

- 1 Names and Addresses of TAMBE Members

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